

Data File : VW005404.D
Acq On : 15 Sep 2018 00:31
Operator : SY/AP
Sample : VSTDIC075
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Quant Time: Sep 15 02:08:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:05:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	228686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	338563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	327878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173630	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	154714	85.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	171.90%	
35) Dibromofluoromethane	7.89	113	127959	71.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.96%	
50) Toluene-d8	10.33	98	624714	70.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.16%	
62) 4-Bromofluorobenzene	12.62	95	228204	69.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	137687	68.622	ug/l	100
3) Chloromethane	2.21	50	176583	66.751	ug/l	99
4) Vinyl Chloride	2.36	62	168253	68.968	ug/l	95
5) Bromomethane	2.78	94	108749	65.333	ug/l	100
6) Chloroethane	2.92	64	101369	74.350	ug/l	99
7) Trichlorofluoromethane	3.26	101	216331	76.029	ug/l	98
8) Diethyl Ether	3.70	74	67893	69.138	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	125526	64.129	ug/l	99
10) Methyl Iodide	4.28	142	188169	86.796	ug/l	99
11) Tert butyl alcohol	5.23	59	49159	347.041	ug/l	97
12) 1,1-Dichloroethene	4.05	96	117438	65.376	ug/l	96
13) Acrolein	3.91	56	34252	263.209	ug/l	98
14) Allyl chloride	4.68	41	228091	79.731	ug/l	99
15) Acrylonitrile	5.38	53	157621	355.522	ug/l	100
16) Acetone	4.16	43	123949	381.636	ug/l	99
17) Carbon Disulfide	4.38	76	418730	66.537	ug/l	99
18) Methyl Acetate	4.68	43	75869	77.453	ug/l	98
19) Methyl tert-butyl Ether	5.44	73	343547	78.105	ug/l	96
20) Methylene Chloride	4.93	84	165171	61.045	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	139587	66.173	ug/l	97
22) Diisopropyl ether	6.32	45	471756	81.792	ug/l	99
23) Vinyl Acetate	6.27	43	1326698	411.355	ug/l	100
24) 1,1-Dichloroethane	6.23	63	263970	74.781	ug/l	99
25) 2-Butanone	7.18	43	192137	374.389	ug/l	95
26) 2,2-Dichloropropane	7.18	77	230136	75.067	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	154122	68.038	ug/l	99
28) Bromochloromethane	7.52	49	96578	74.364	ug/l #	100
29) Tetrahydrofuran	7.54	42	124776	364.785	ug/l	99
30) Chloroform	7.68	83	272781	76.967	ug/l	98
31) Cyclohexane	7.96	56	250918	68.691	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	257034	79.718	ug/l	99
36) 1,1-Dichloropropene	8.09	75	223687	71.755	ug/l	99
37) Ethyl Acetate	7.27	43	87991	73.031	ug/l	97
38) Carbon Tetrachloride	8.07	117	228536	76.898	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	269121	66.426	ug/l	97
40) Benzene	8.33	78	645100	70.620	ug/l	99
41) Methacrylonitrile	7.50	41	58947	93.782	ug/l	96
42) 1,2-Dichloroethane	8.41	62	191812	83.220	ug/l	99
43) Isopropyl Acetate	8.43	43	178899	79.524	ug/l	100
44) Trichloroethene	9.10	130	164842	66.462	ug/l	100
45) 1,2-Dichloropropane	9.38	63	154698	70.489	ug/l	99
46) Dibromomethane	9.46	93	74072	68.420	ug/l	99
47) Bromodichloromethane	9.65	83	205234	76.379	ug/l	100
48) Methyl methacrylate	9.45	41	89961	77.611	ug/l	98
49) 1,4-Dioxane	9.48	88	27572	1402.796	ug/l #	97
51) 4-Methyl-2-Pentanone	10.22	43	478019	382.662	ug/l	100
52) Toluene	10.40	92	451951	68.450	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	212517	74.150	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	244811	72.049	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	109563	64.566	ug/l	98
56) Ethyl methacrylate	10.65	69	155349	71.965	ug/l	99
57) 1,3-Dichloropropane	10.94	76	194946	68.445	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	348137	369.346	ug/l	100
59) 2-Hexanone	10.98	43	335326	373.865	ug/l	100
60) Dibromochloromethane	11.13	129	136342	71.394	ug/l	100
61) 1,2-Dibromoethane	11.24	107	101156	65.066	ug/l	99
64) Tetrachloroethene	10.87	164	170746	70.369	ug/l	98
65) Chlorobenzene	11.66	112	485949	68.156	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	156306	72.538	ug/l	100
67) Ethyl Benzene	11.74	91	897061	72.046	ug/l	100
68) m/p-Xylenes	11.85	106	683391	136.982	ug/l	100
69) o-Xylene	12.17	106	321871	69.480	ug/l	99
70) Styrene	12.19	104	543945	71.732	ug/l	99
71) Bromoform	12.35	173	83533	71.787	ug/l #	100
73) Isopropylbenzene	12.47	105	890811	73.058	ug/l	100
74) N-amyl acetate	12.28	43	191302	80.774	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	123617	67.767	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	183429	137.635	ug/l #	100
77) Bromobenzene	12.76	156	202334	70.123	ug/l	99
78) n-propylbenzene	12.81	91	1070743	72.588	ug/l	100
79) 2-Chlorotoluene	12.90	91	622889	73.512	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	783721	74.595	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	38868	68.819	ug/l	98
82) 4-Chlorotoluene	12.99	91	652424	73.092	ug/l	100
83) tert-Butylbenzene	13.21	119	652047	71.564	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	798378	75.276	ug/l	100
85) sec-Butylbenzene	13.39	105	923499	70.619	ug/l	99
86) p-Isopropyltoluene	13.51	119	844085	72.762	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	407834	67.742	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	399756	67.179	ug/l	100
89) n-Butylbenzene	13.83	91	786174	72.100	ug/l	100
90) Hexachloroethane	14.10	117	137520	73.190	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	361122	67.889	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22773	73.447	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091618\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:05:37 2018
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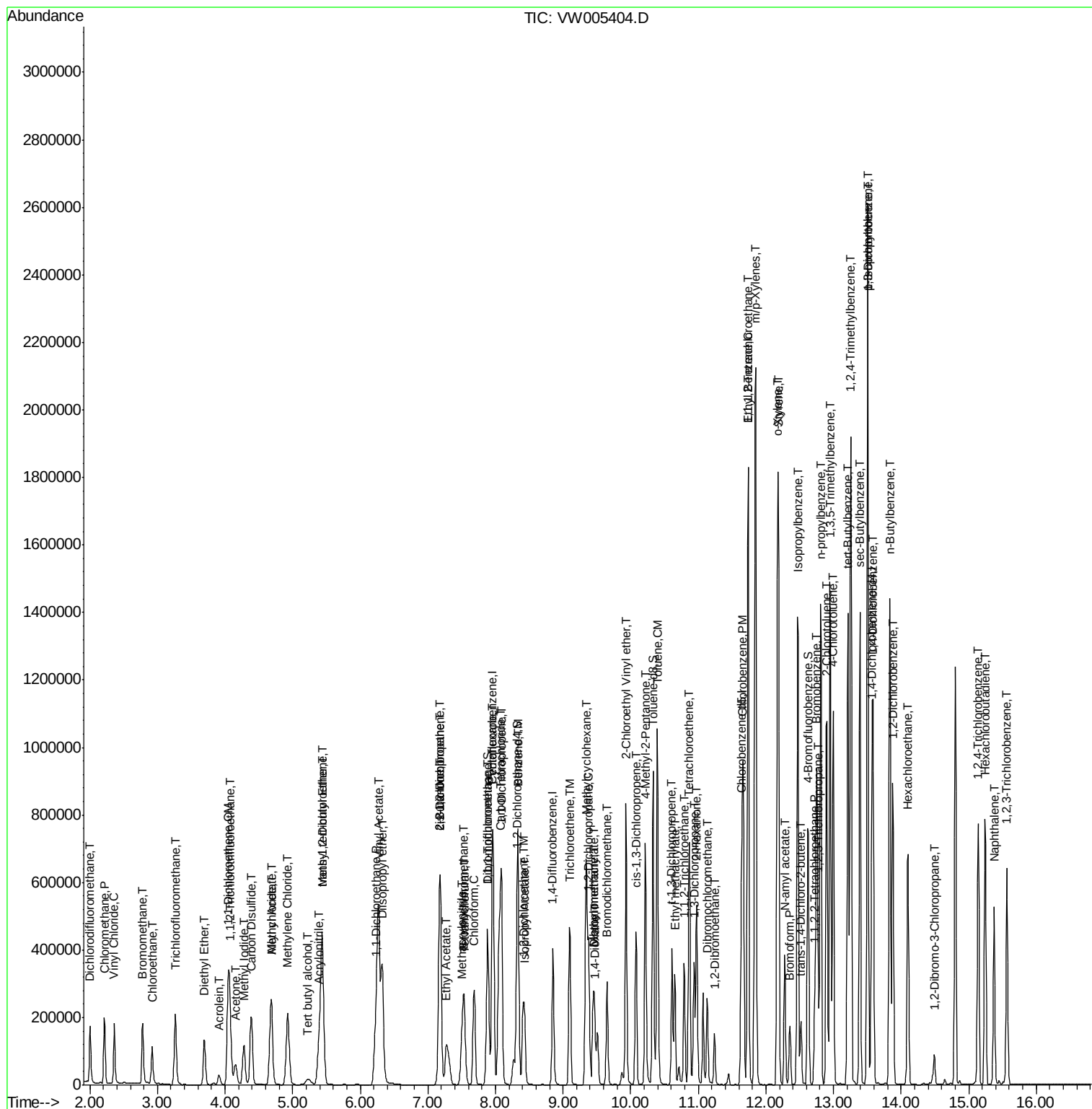
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	250877	67.051	ug/l	99
94) Hexachlorobutadiene	15.24	225	159622	66.645	ug/l	100
95) Naphthalene	15.38	128	441160	72.833	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	218833	68.098	ug/l	99

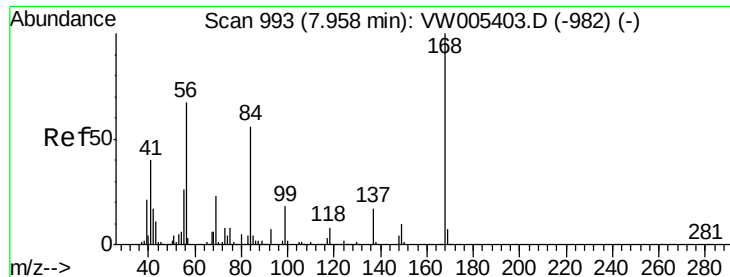
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

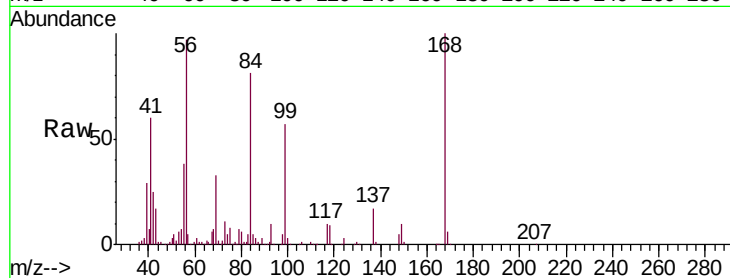
VSTDIC075

Tgt Ion:168 Resp: 228686

Ion Ratio Lower Upper

168 100

99 57.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

60000

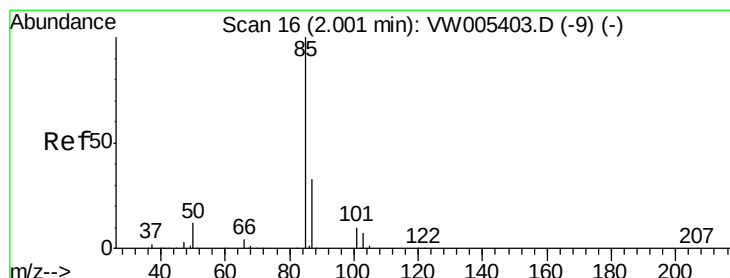
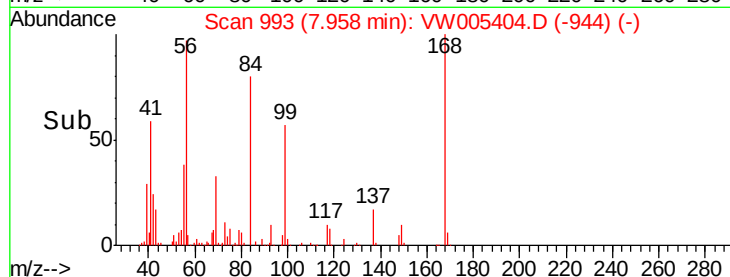
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 68.622 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005404.D

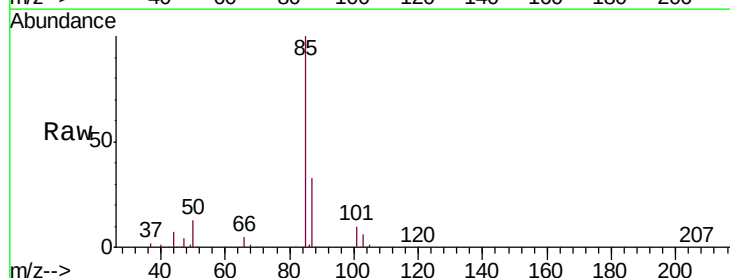
Acq: 15 Sep 2018 00:31

Tgt Ion: 85 Resp: 137687

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

100000

80000

60000

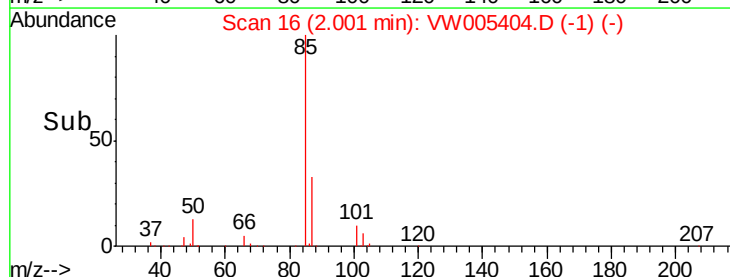
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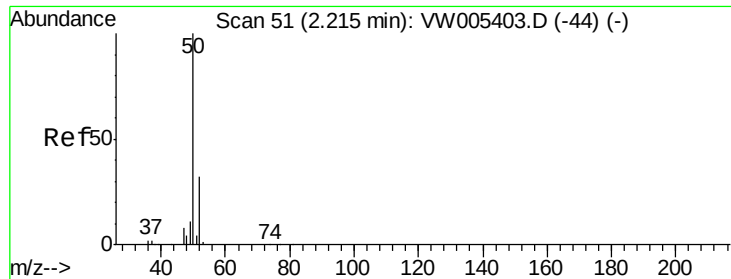
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 66.751 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

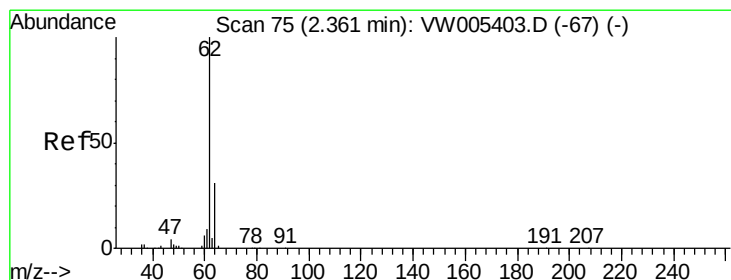
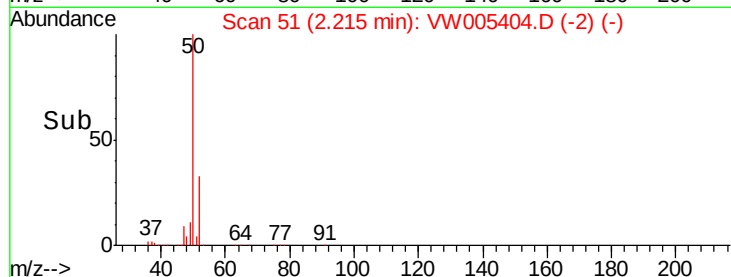
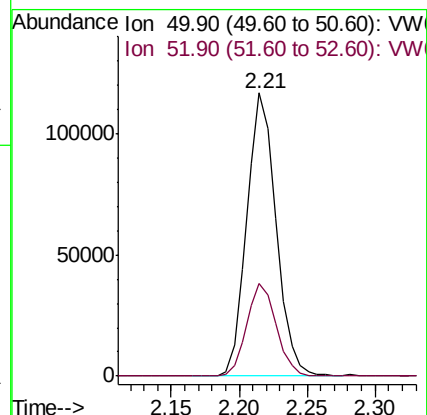
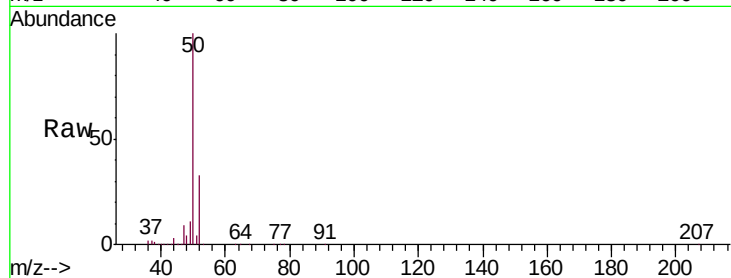
VSTDIC075

Tgt Ion: 50 Resp: 176583

Ion Ratio Lower Upper

50 100

52 32.6 25.8 38.6



#4

Vinyl Chloride

Concen: 68.968 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005404.D

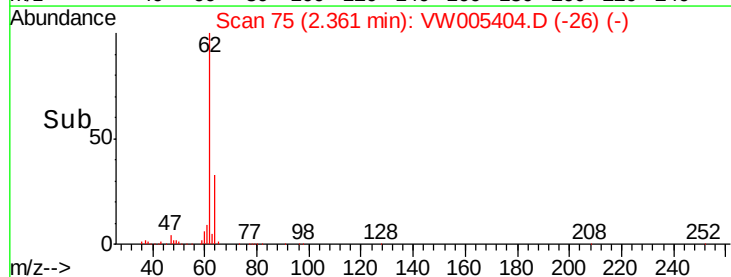
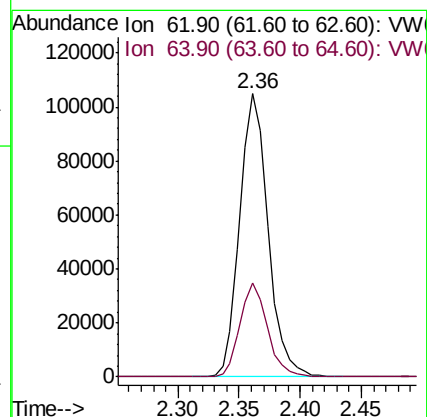
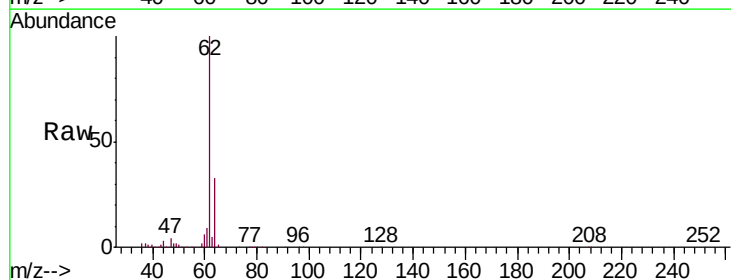
Acq: 15 Sep 2018 00:31

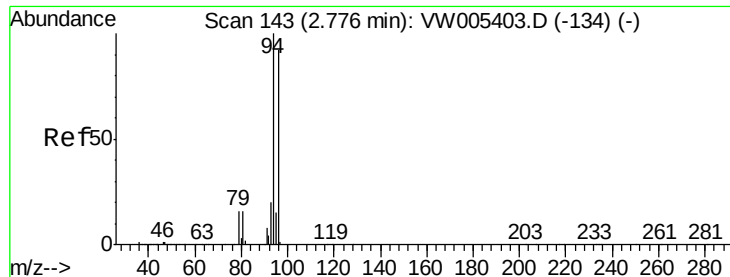
Tgt Ion: 62 Resp: 168253

Ion Ratio Lower Upper

62 100

64 33.1 24.5 36.7





#5

Bromomethane

Concen: 65.333 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

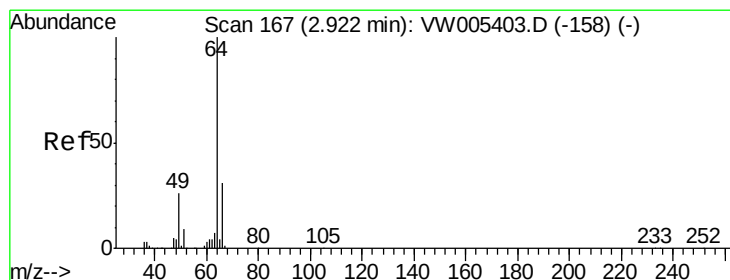
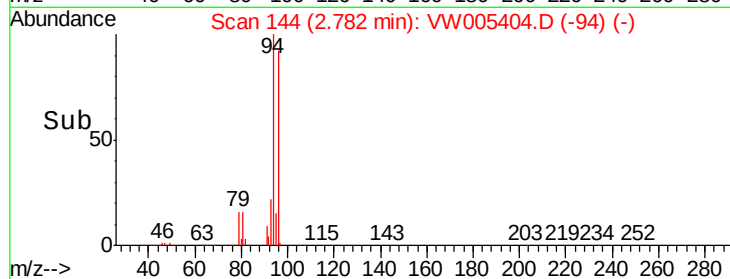
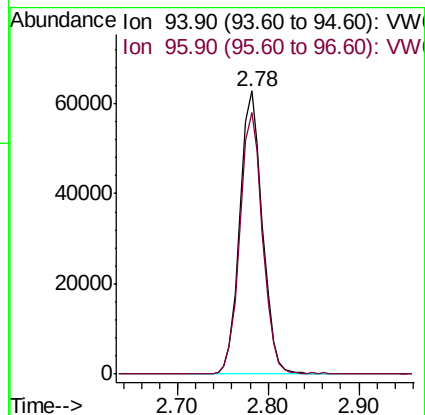
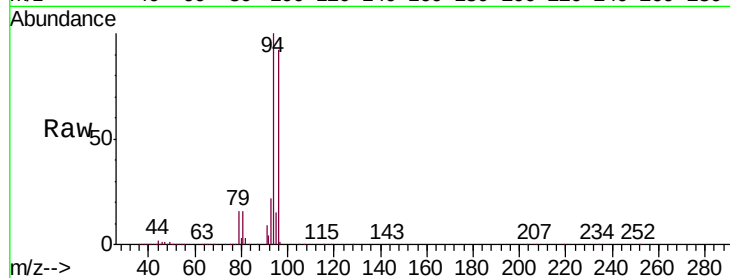
VSTDIC075

Tgt Ion: 94 Resp: 108749

Ion Ratio Lower Upper

94 100

96 92.4 73.7 110.5



#6

Chloroethane

Concen: 74.350 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW005404.D

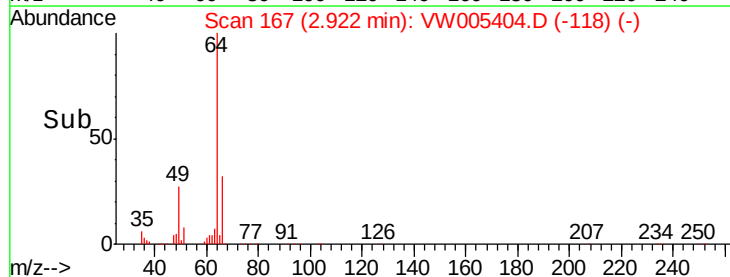
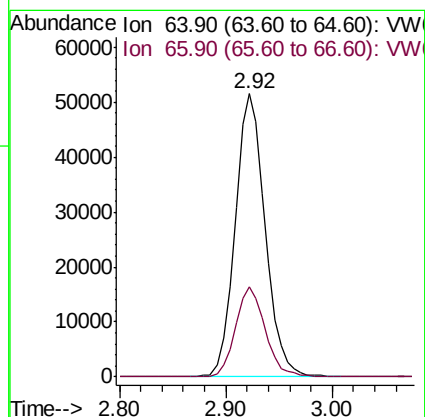
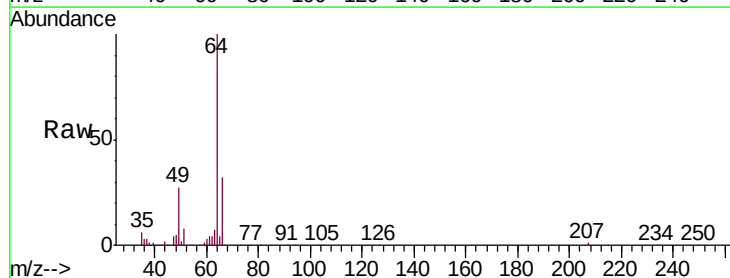
Acq: 15 Sep 2018 00:31

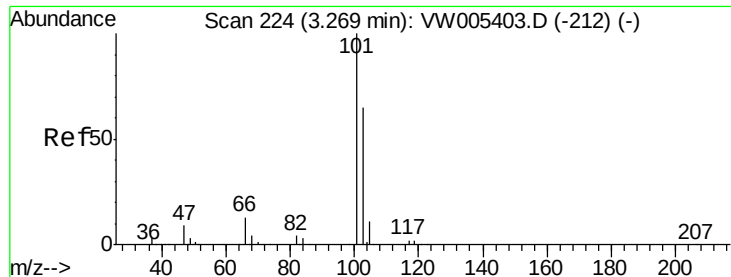
Tgt Ion: 64 Resp: 101369

Ion Ratio Lower Upper

64 100

66 31.9 25.2 37.8



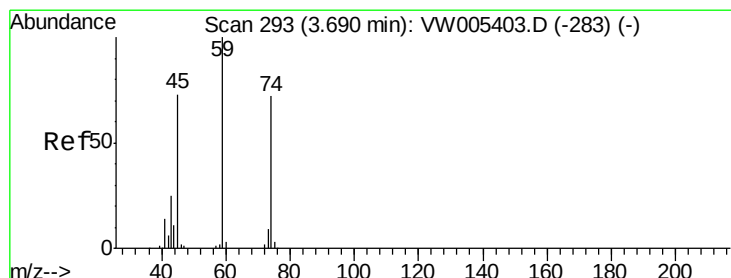
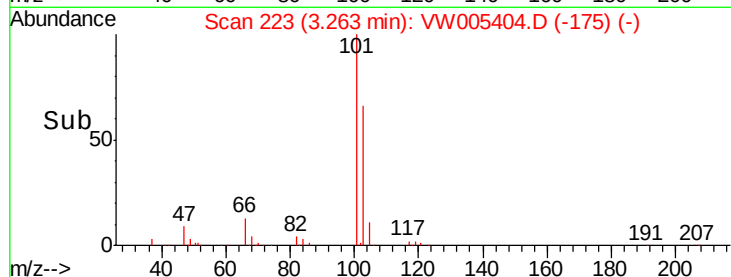
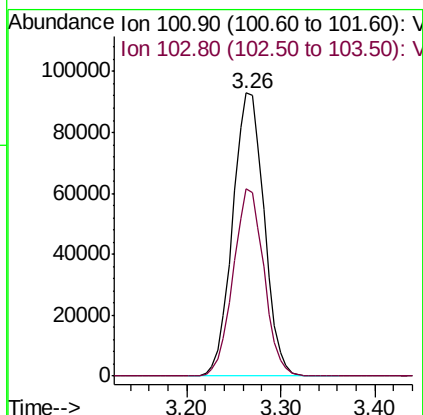
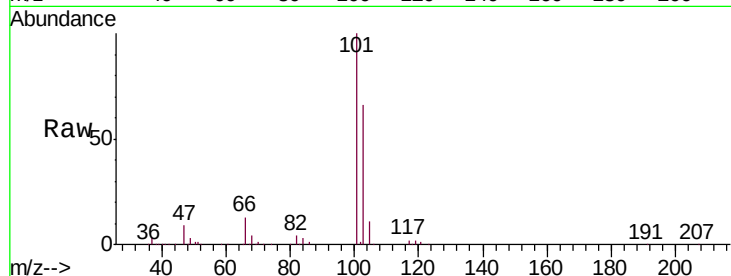


#7

Trichlorofluoromethane
 Concen: 76.029 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.01 min
 Lab File: VW005404.D
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Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

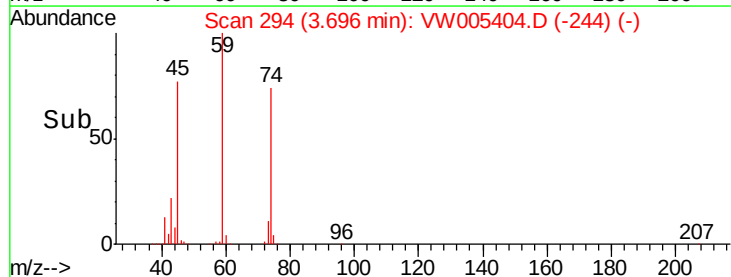
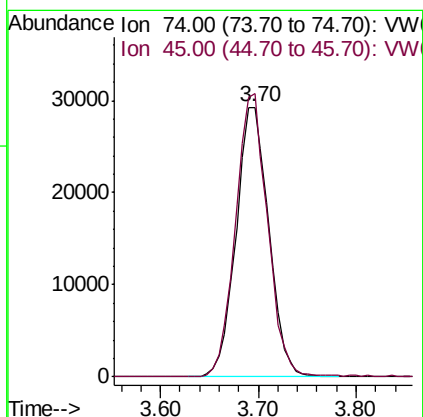
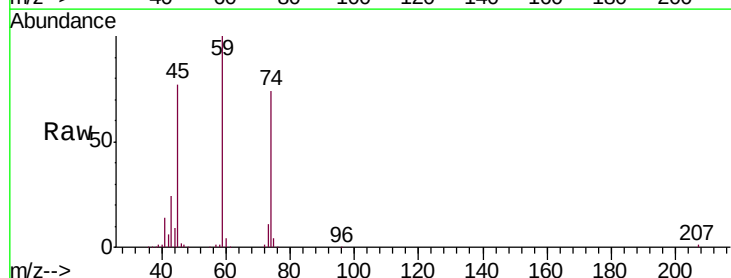
Tgt Ion:101 Resp: 216331
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.7 77.5

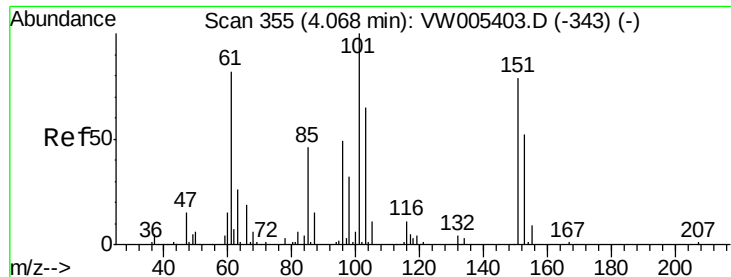


#8

Diethyl Ether
 Concen: 69.138 ug/l
 RT: 3.70 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion: 74 Resp: 67893
 Ion Ratio Lower Upper
 74 100
 45 103.2 53.1 159.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 64.129 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.01 min

Lab File: VW005404.D

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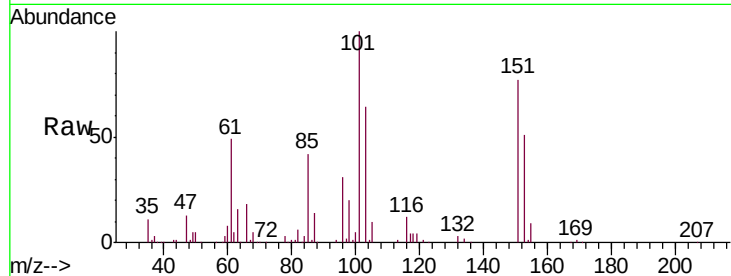
Tgt Ion:101 Resp: 125526

Ion Ratio Lower Upper

101 100

85 45.4 36.6 54.8

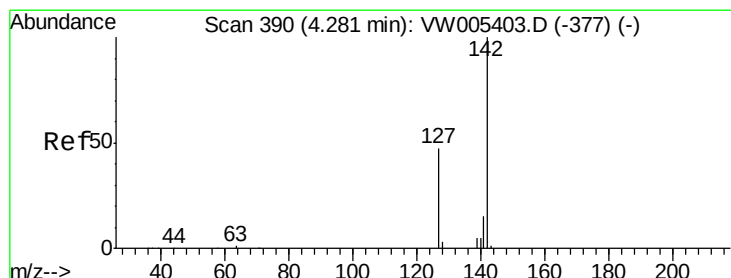
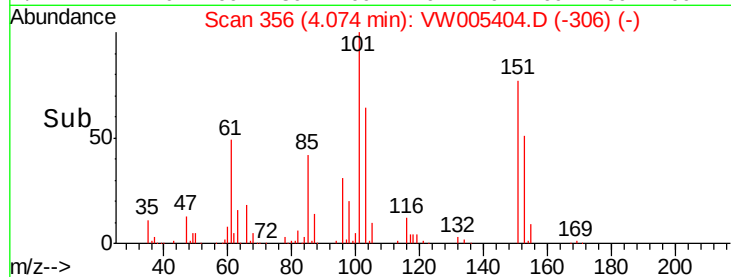
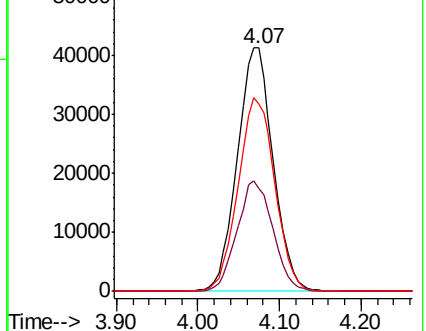
151 81.8 66.3 99.5



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: 86.796 ug/l

RT: 4.28 min Scan# 390

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

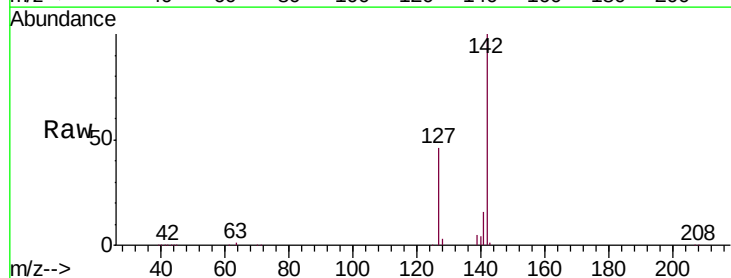
Tgt Ion:142 Resp: 188169

Ion Ratio Lower Upper

142 100

127 46.1 37.5 56.3

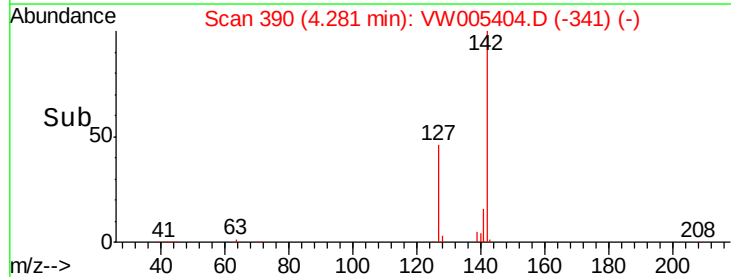
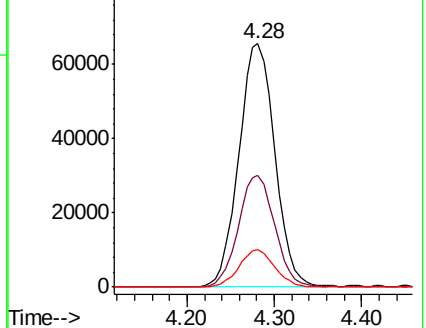
141 15.2 12.4 18.6

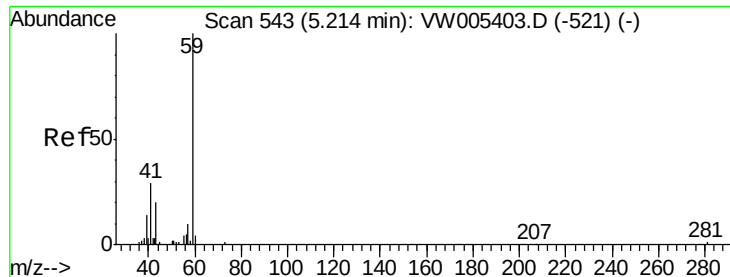


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

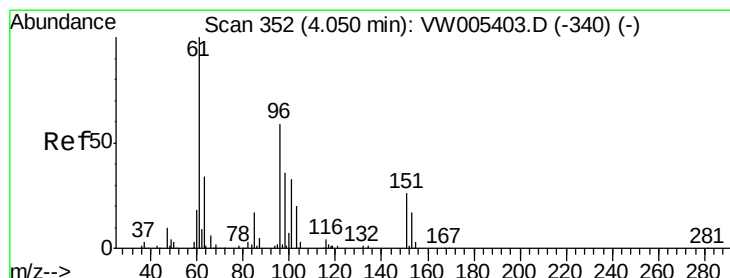
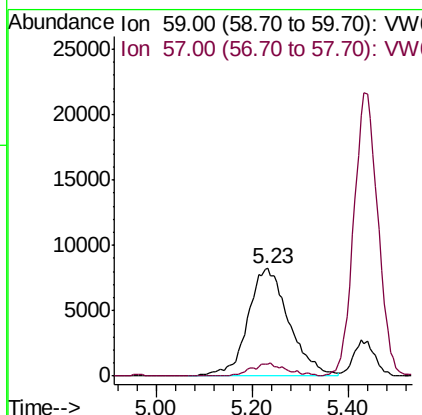
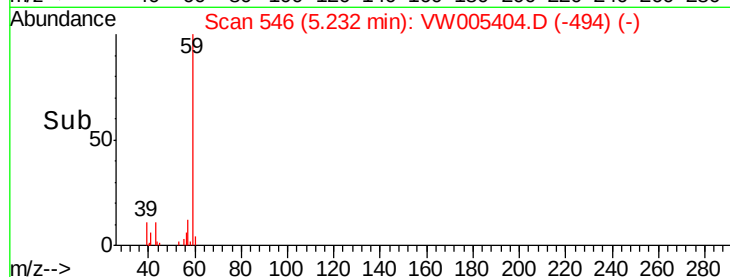
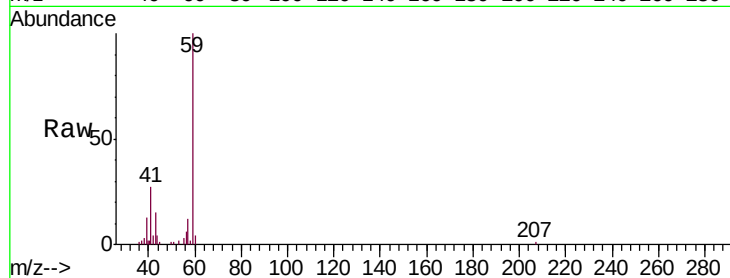




#11
Tert butyl alcohol
Concen: 347.041 ug/l
RT: 5.23 min Scan# 546
Delta R.T. 0.02 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

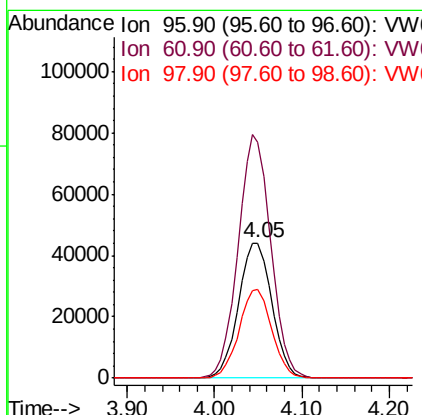
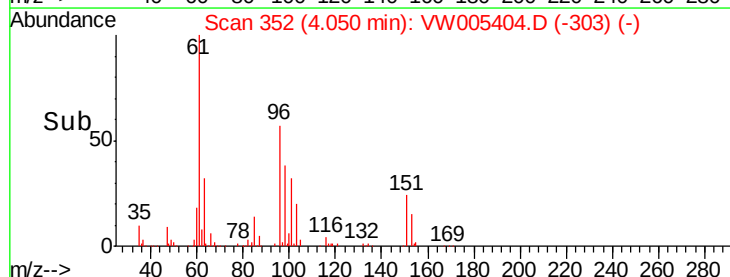
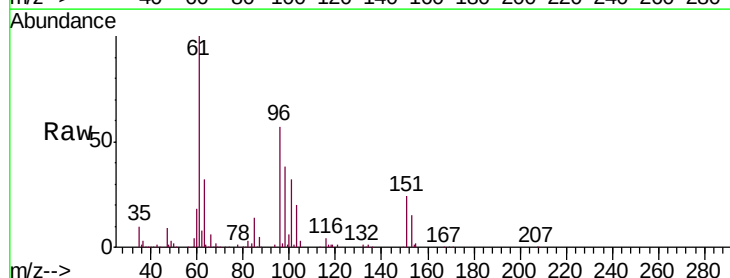
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

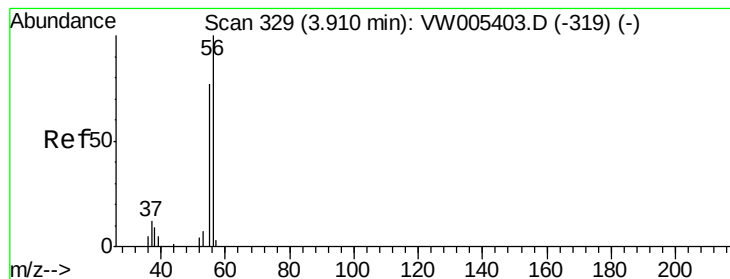
Tgt Ion: 59 Resp: 49159
Ion Ratio Lower Upper
59 100
57 9.7 8.6 13.0



#12
1,1-Dichloroethene
Concen: 65.376 ug/l
RT: 4.05 min Scan# 352
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion: 96 Resp: 117438
Ion Ratio Lower Upper
96 100
61 174.2 135.7 203.5
98 65.7 48.6 73.0





#13

Acrolein

Concen: 263.209 ug/l

RT: 3.91 min Scan# 329

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

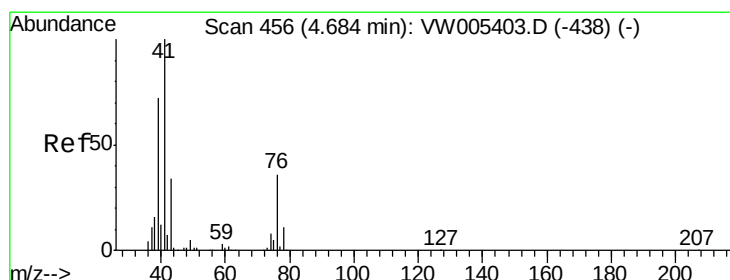
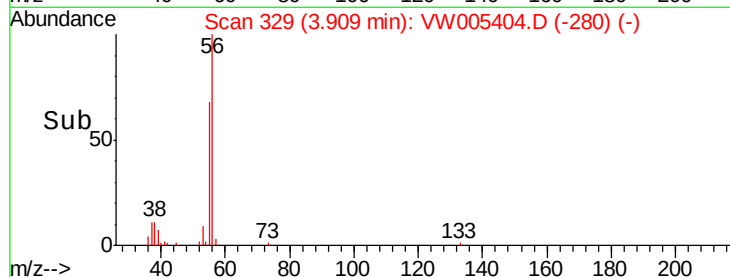
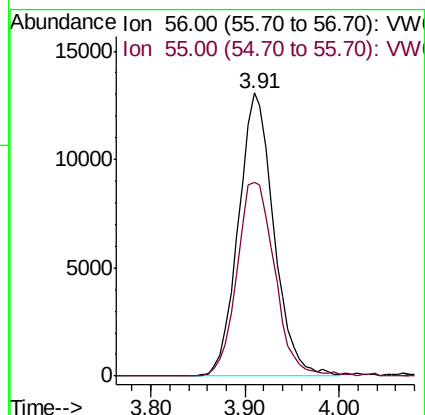
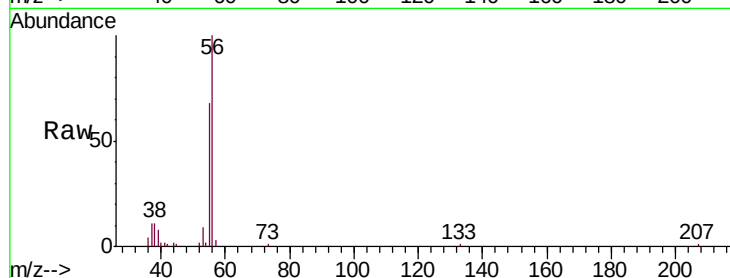
VSTDIC075

Tgt Ion: 56 Resp: 34252

Ion Ratio Lower Upper

56 100

55 73.0 59.8 89.8



#14

Allyl chloride

Concen: 79.731 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

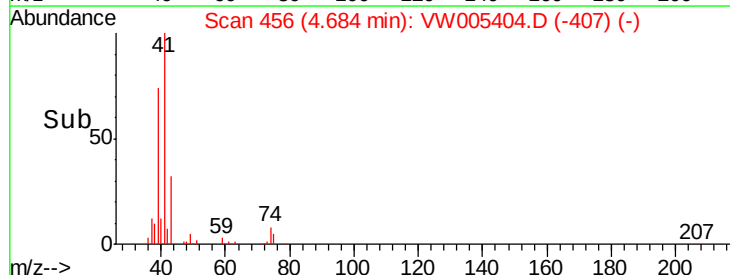
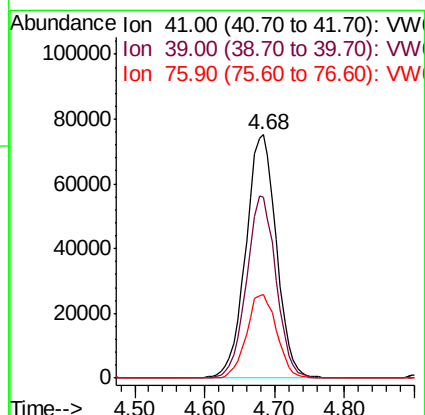
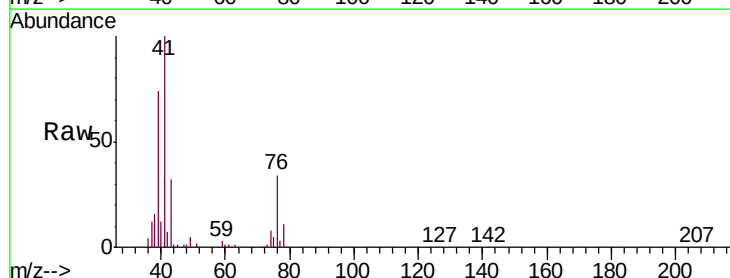
Tgt Ion: 41 Resp: 228091

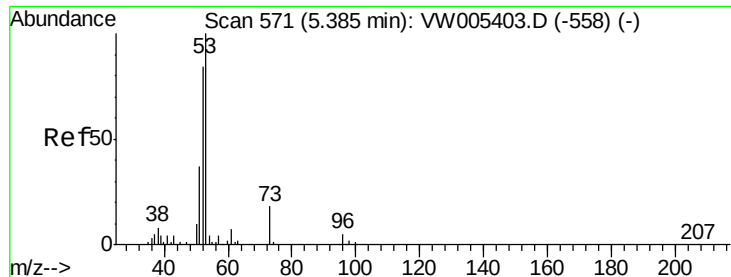
Ion Ratio Lower Upper

41 100

39 72.6 58.6 88.0

76 33.9 27.4 41.0





#15

Acrylonitrile

Concen: 355.522 ug/l

RT: 5.38 min Scan# 571

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

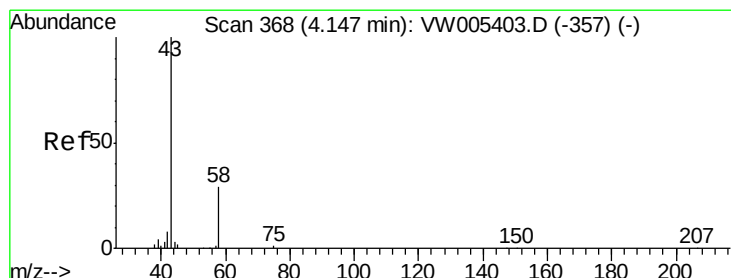
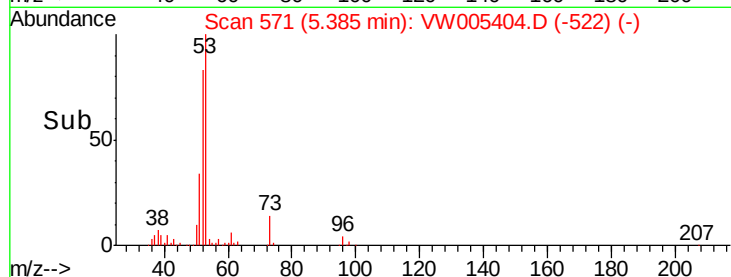
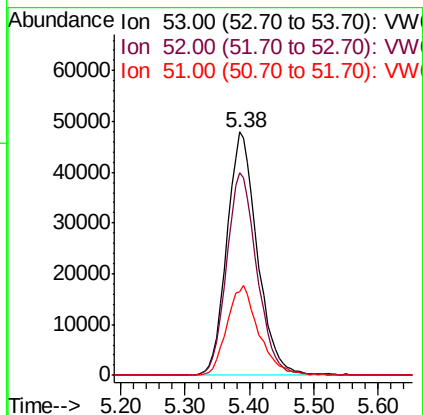
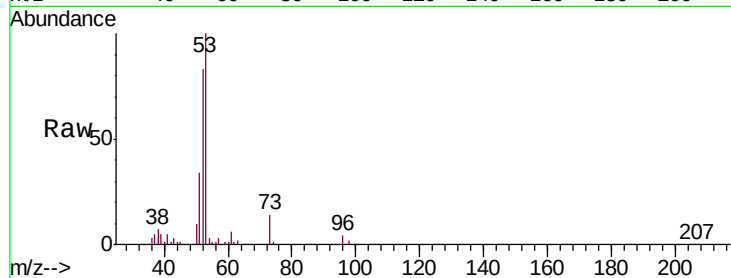
Tgt Ion: 53 Resp: 157621

Ion Ratio Lower Upper

53 100

52 83.5 66.6 99.8

51 38.7 31.1 46.7



#16

Acetone

Concen: 381.636 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.01 min

Lab File: VW005404.D

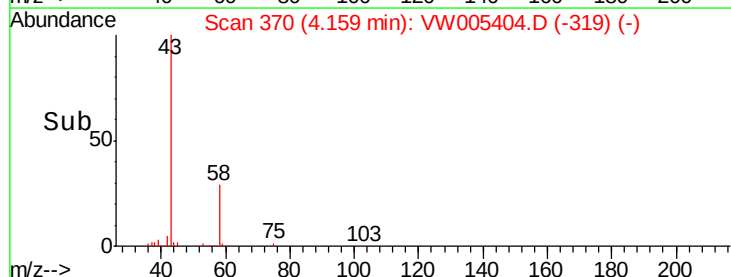
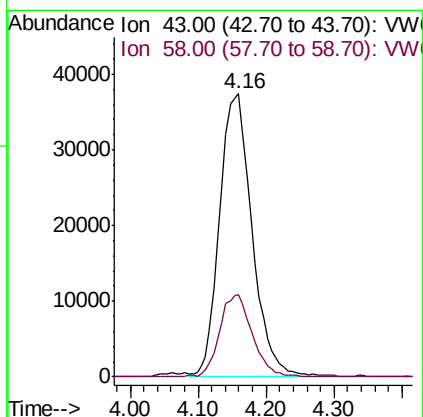
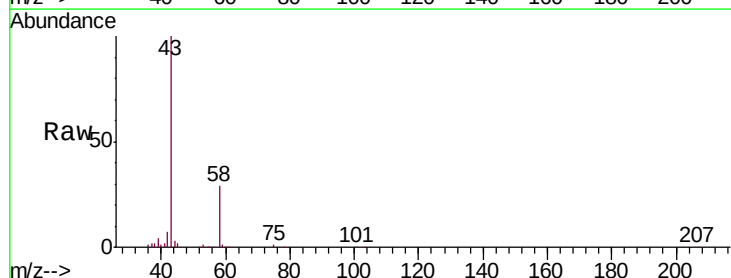
Acq: 15 Sep 2018 00:31

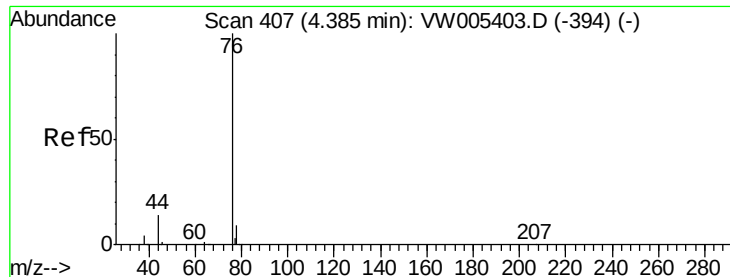
Tgt Ion: 43 Resp: 123949

Ion Ratio Lower Upper

43 100

58 29.0 22.8 34.2





#17

Carbon Disulfide

Concen: 66.537 ug/l

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

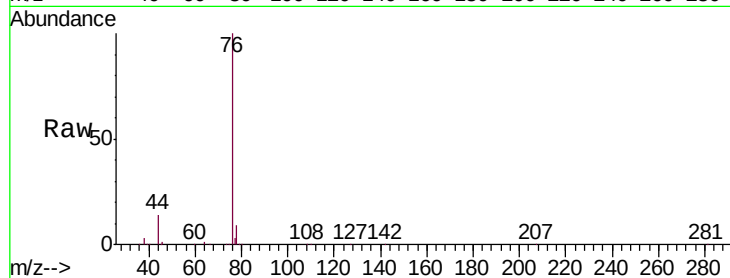
VSTDIC075

Tgt Ion: 76 Resp: 418730

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

150000

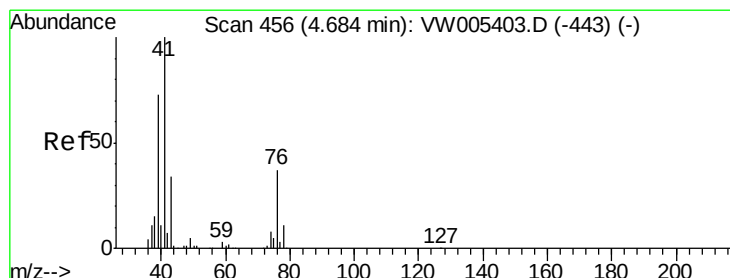
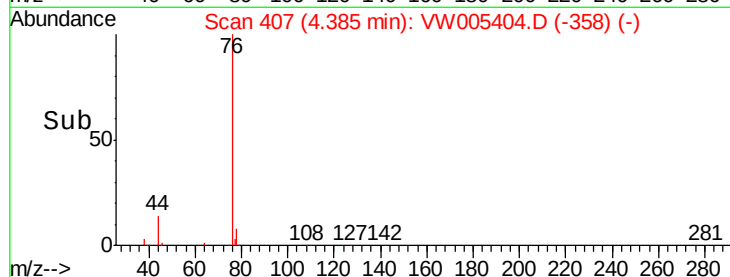
100000

50000

0

4.20 4.30 4.40 4.50 4.60

Time-->



#18

Methyl Acetate

Concen: 77.453 ug/l

RT: 4.68 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW005404.D

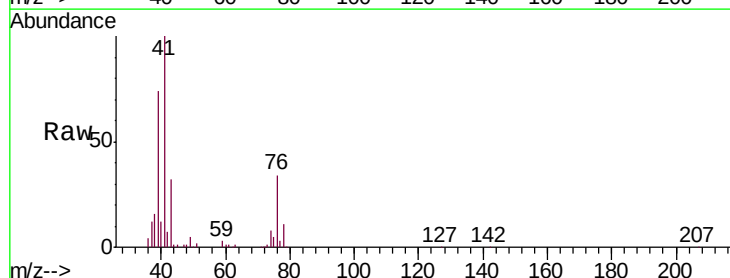
Acq: 15 Sep 2018 00:31

Tgt Ion: 43 Resp: 75869

Ion Ratio Lower Upper

43 100

74 23.2 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

25000

20000

15000

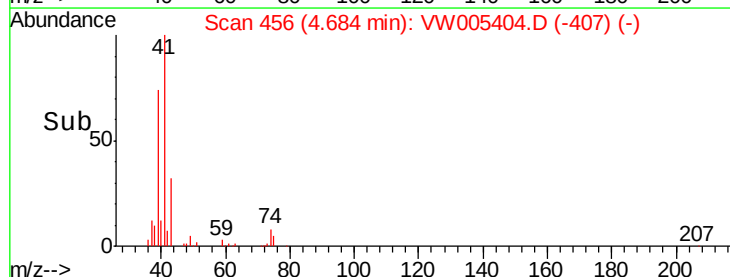
10000

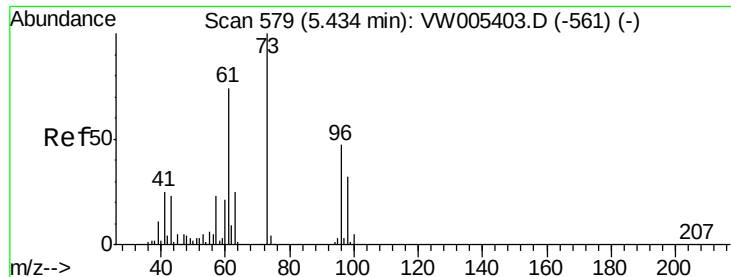
5000

0

4.60 4.70 4.80

Time-->

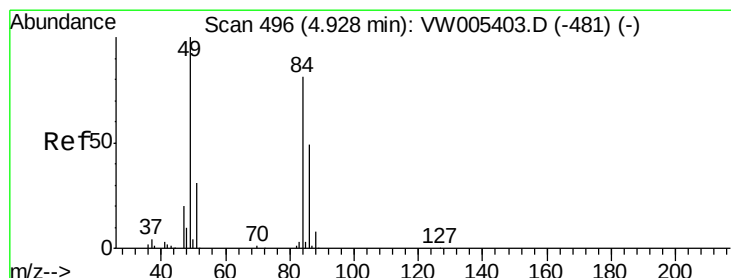
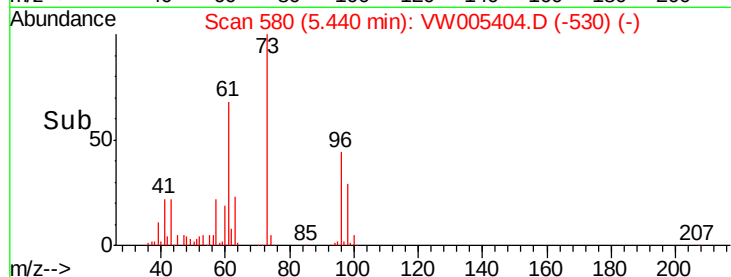
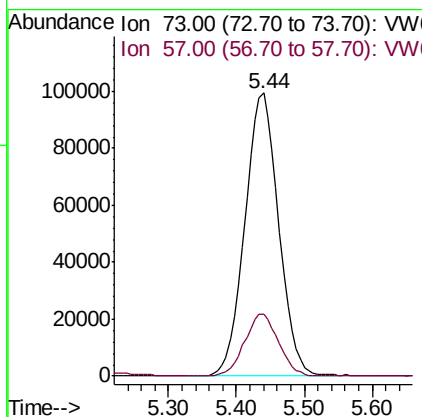
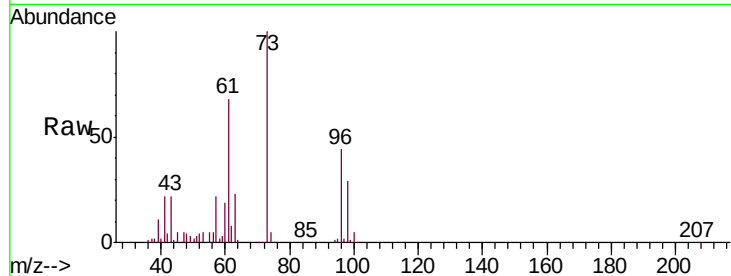




#19
Methyl tert-butyl Ether
Concen: 78.105 ug/l
RT: 5.44 min Scan# 580
Delta R.T. 0.01 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

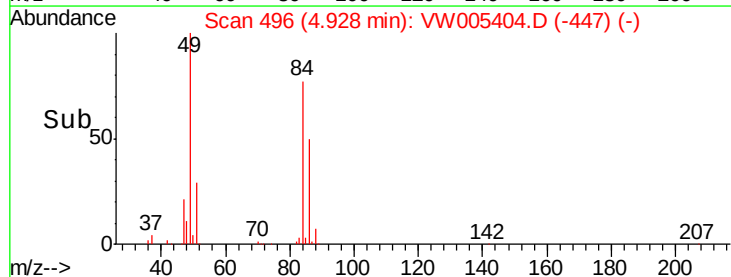
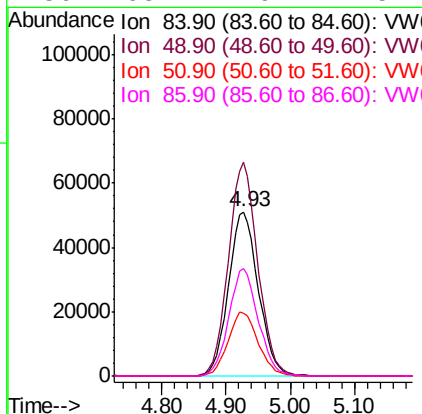
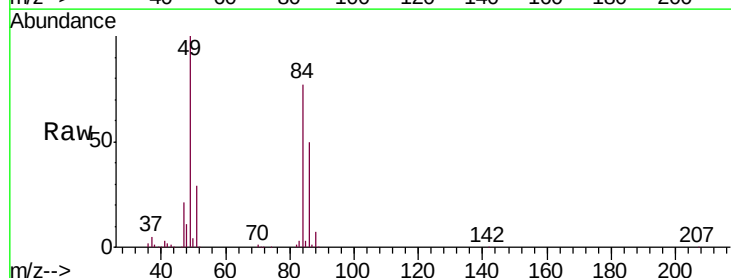
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

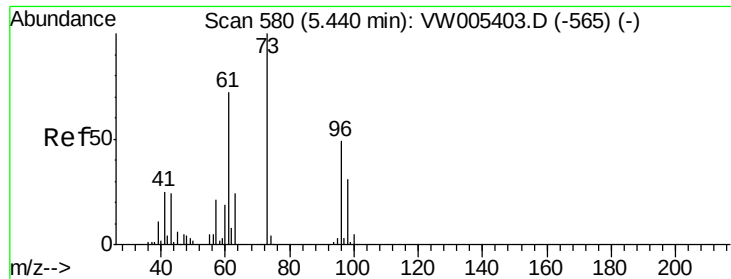
Tgt Ion: 73 Resp: 343547
Ion Ratio Lower Upper
73 100
57 21.6 18.6 28.0



#20
Methylene Chloride
Concen: 61.045 ug/l
RT: 4.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion: 84 Resp: 165171
Ion Ratio Lower Upper
84 100
49 130.3 99.3 148.9
51 38.3 31.1 46.7
86 65.4 49.1 73.7





#21

trans-1,2-Dichloroethene

Concen: 66.173 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.01 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

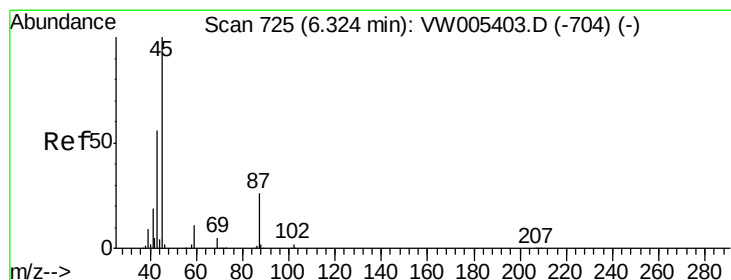
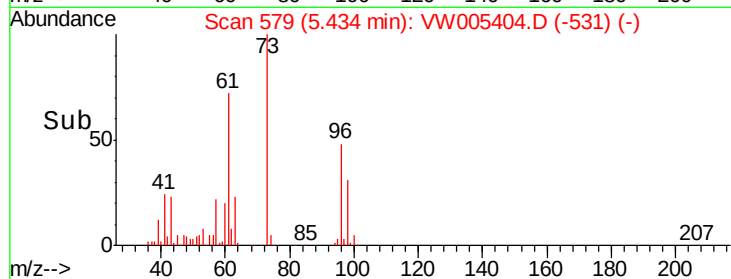
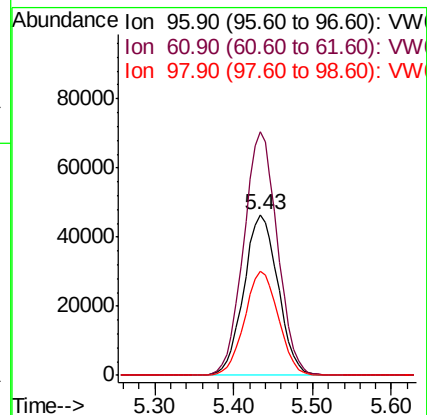
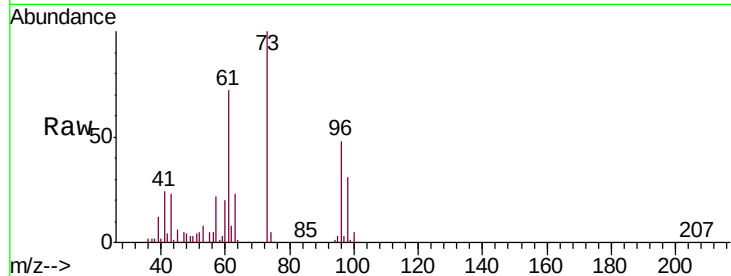
Tgt Ion: 96 Resp: 139587

Ion Ratio Lower Upper

96 100

61 151.2 116.7 175.1

98 64.7 51.0 76.6



#22

Diisopropyl ether

Concen: 81.792 ug/l

RT: 6.32 min Scan# 725

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Tgt Ion: 45 Resp: 471756

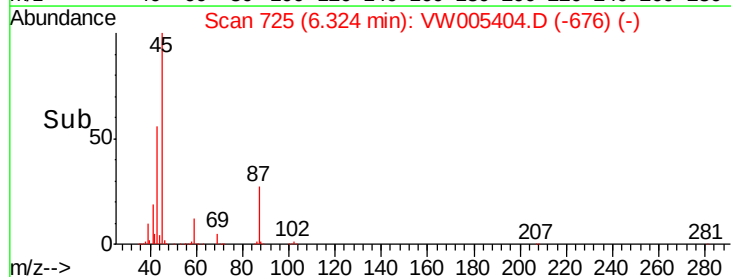
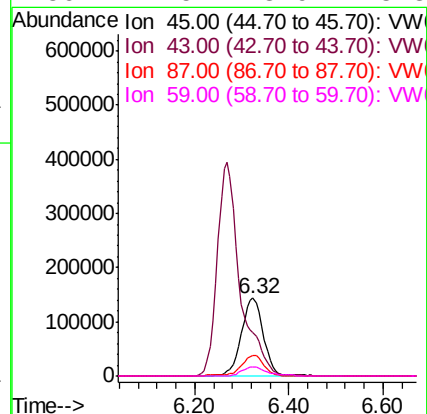
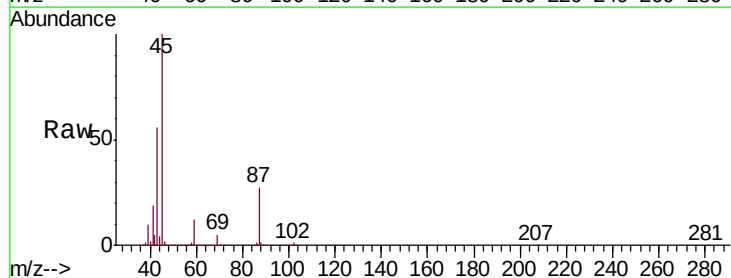
Ion Ratio Lower Upper

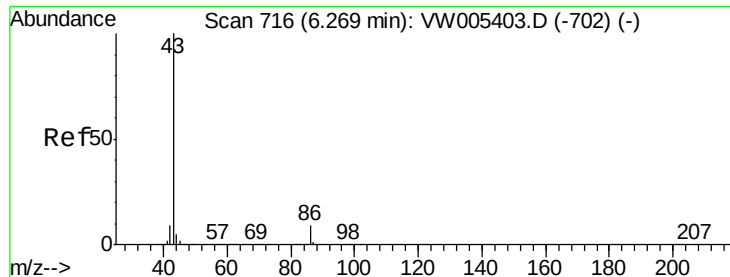
45 100

43 56.1 44.6 67.0

87 26.8 20.6 31.0

59 11.5 8.9 13.3





#23

Vinyl Acetate

Concen: 411.355 ug/l

RT: 6.27 min Scan# 716

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

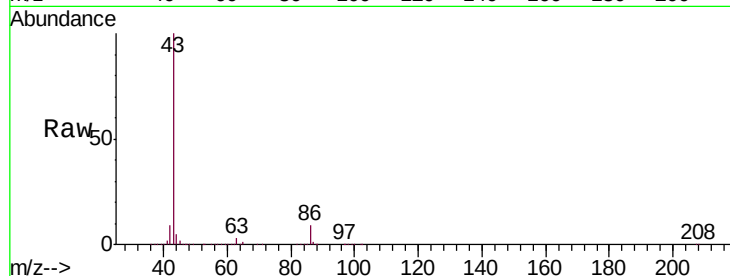
VSTDIC075

Tgt Ion: 43 Resp: 1326698

Ion Ratio Lower Upper

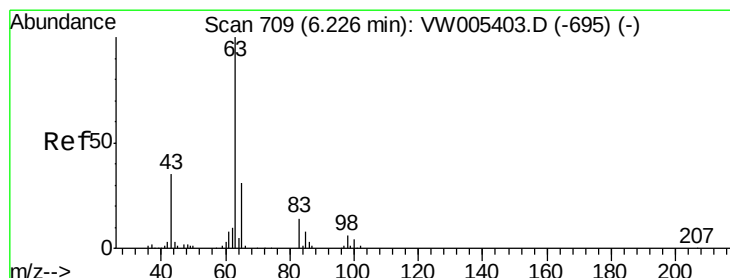
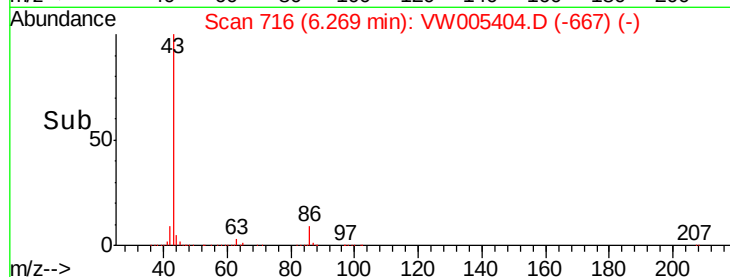
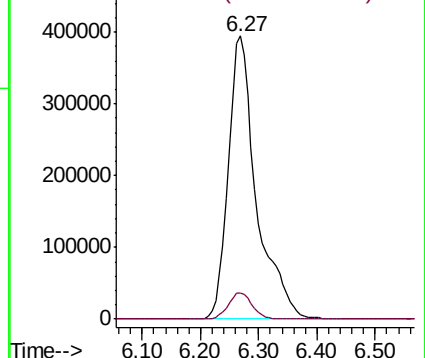
43 100

86 9.4 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 74.781 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

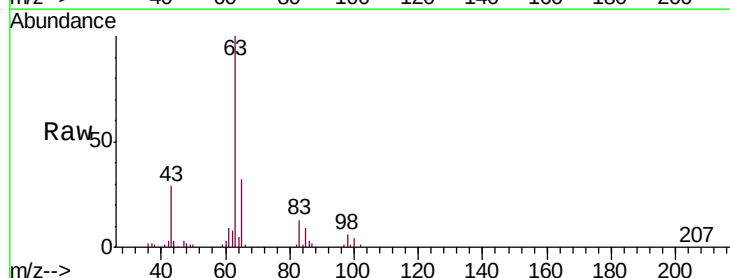
Tgt Ion: 63 Resp: 263970

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

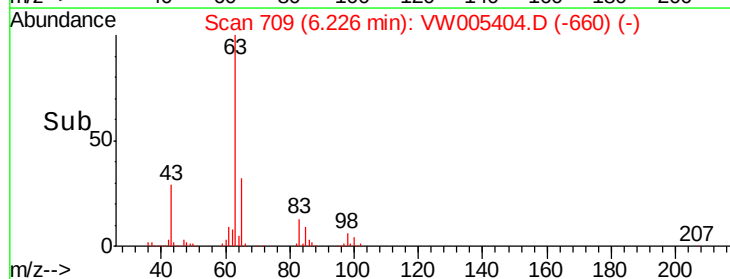
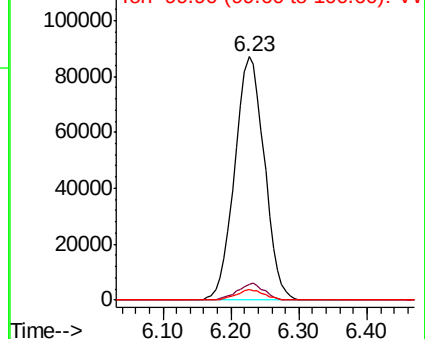
100 4.1 2.3 6.8

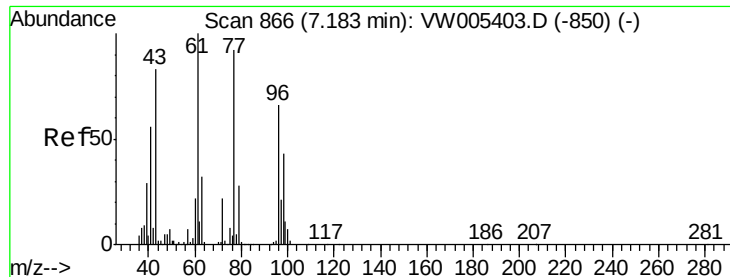


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 374.389 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

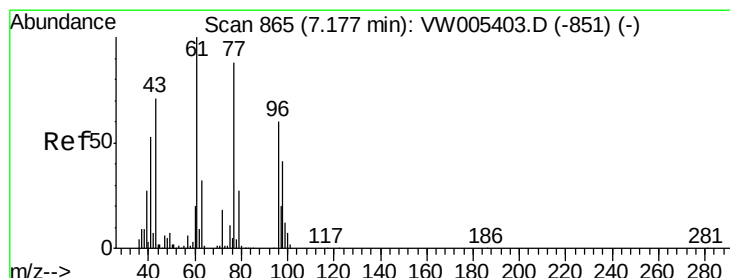
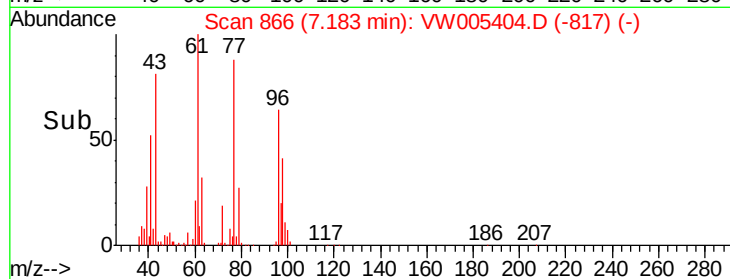
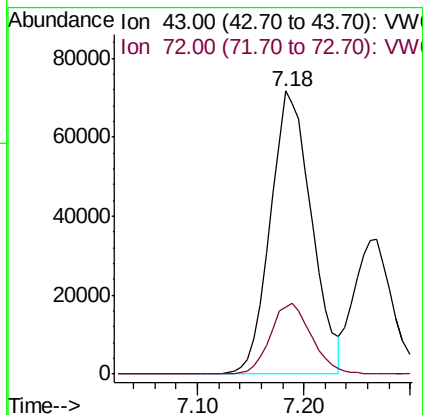
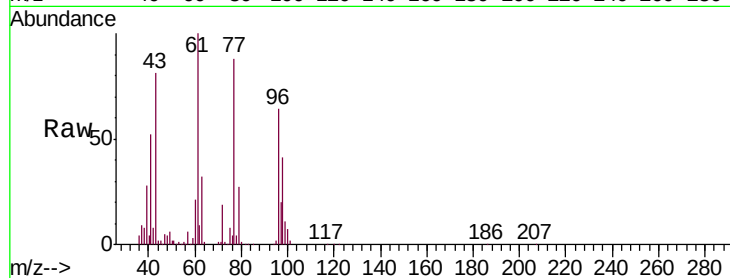
VSTDIC075

Tgt Ion: 43 Resp: 192137

Ion Ratio Lower Upper

43 100

72 23.8 21.1 31.7



#26

2,2-Dichloropropane

Concen: 75.067 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005404.D

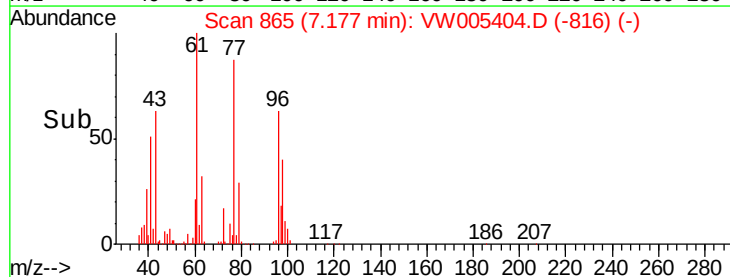
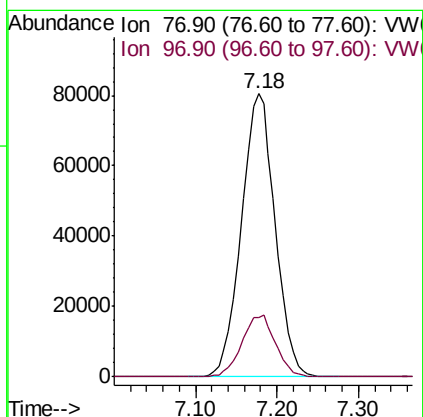
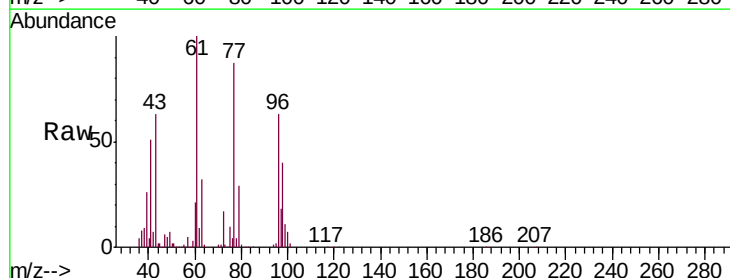
Acq: 15 Sep 2018 00:31

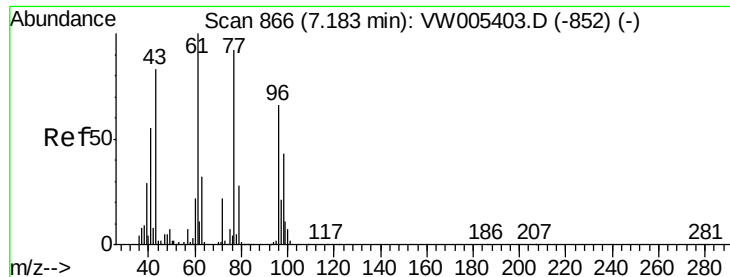
Tgt Ion: 77 Resp: 230136

Ion Ratio Lower Upper

77 100

97 21.9 10.7 32.1



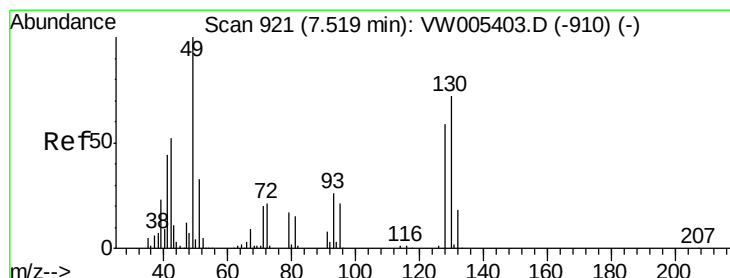
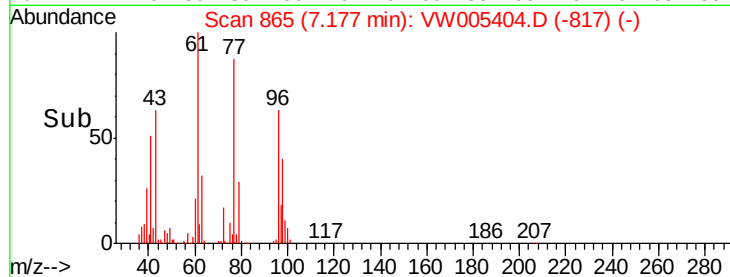
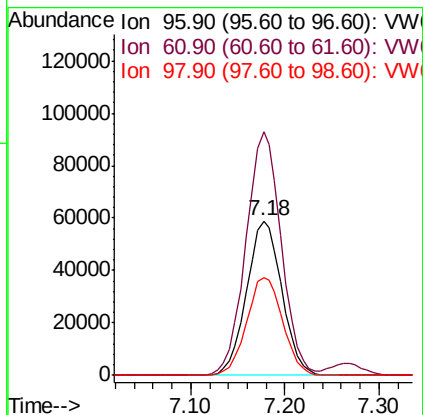
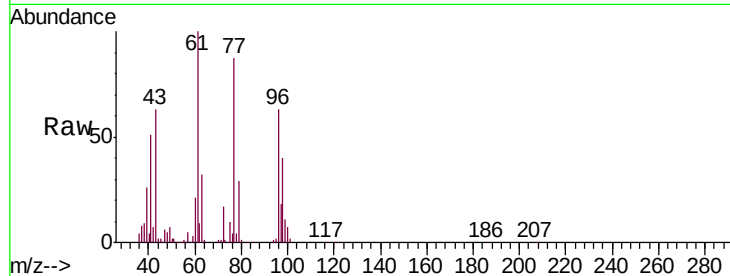


#27

cis-1,2-Dichloroethene
 Concen: 68.038 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

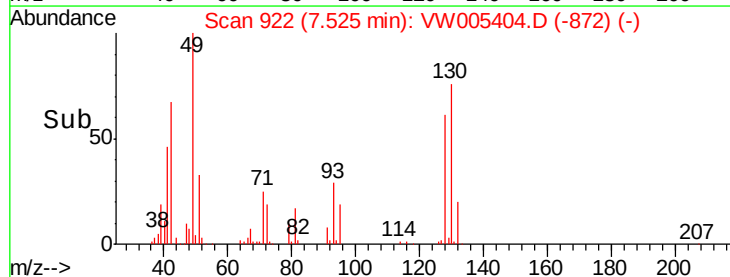
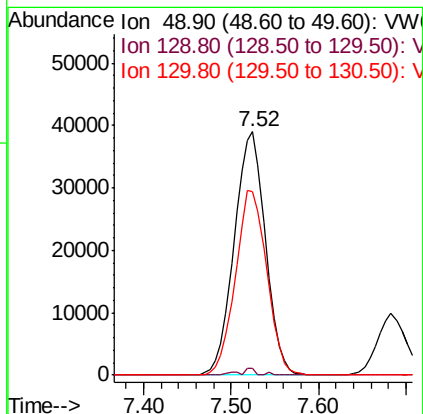
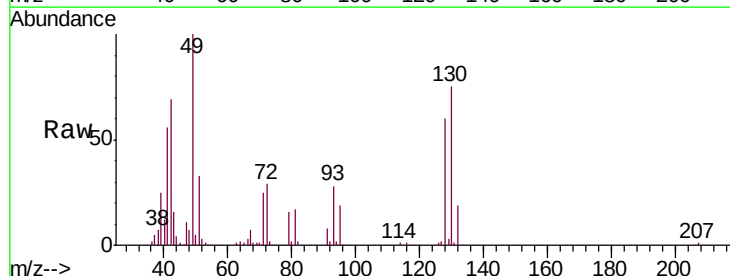
Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.7	0.0	316.0
98	64.9	0.0	130.8

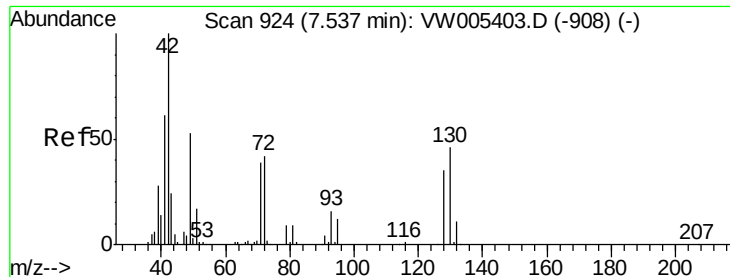


#28

Bromochloromethane
 Concen: 74.364 ug/l
 RT: 7.52 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	1.0#
130	76.5	61.4	92.2

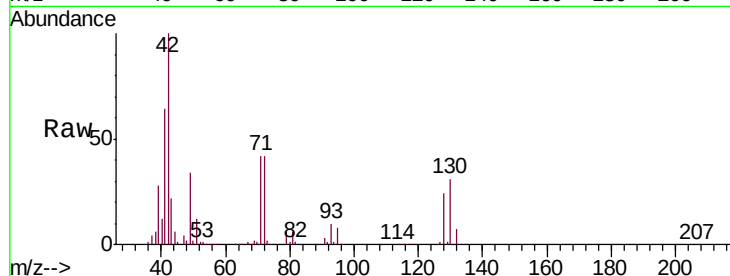




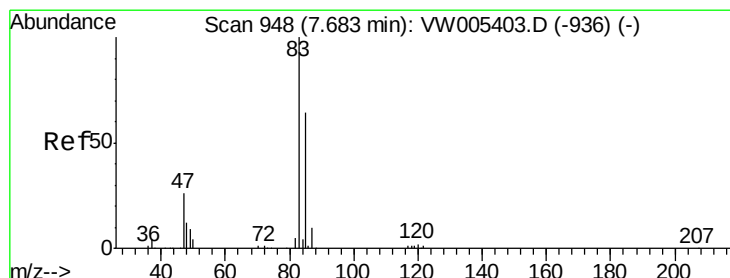
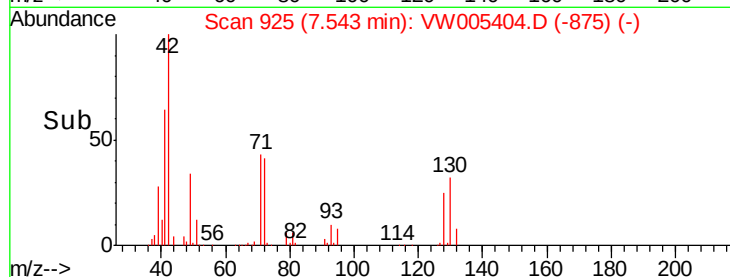
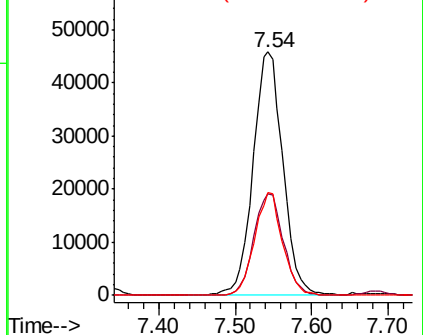
#29
Tetrahydrofuran
Concen: 364.785 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion: 42 Resp: 124776
Ion Ratio Lower Upper
42 100
72 41.4 33.2 49.8
71 39.6 31.0 46.6

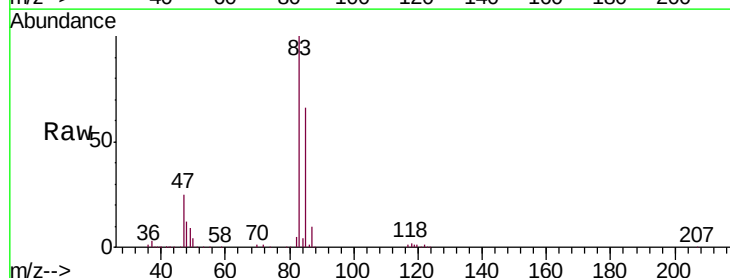


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

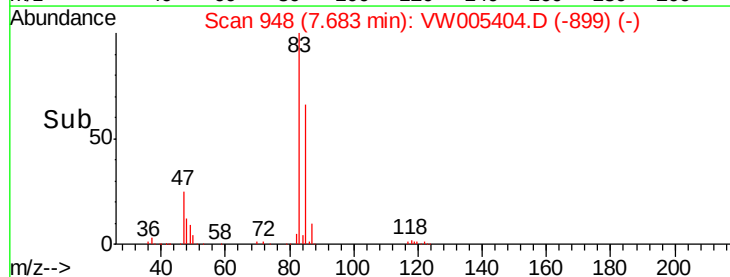
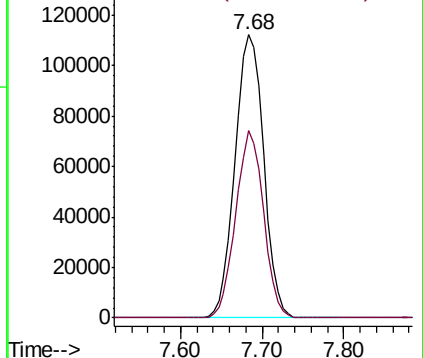


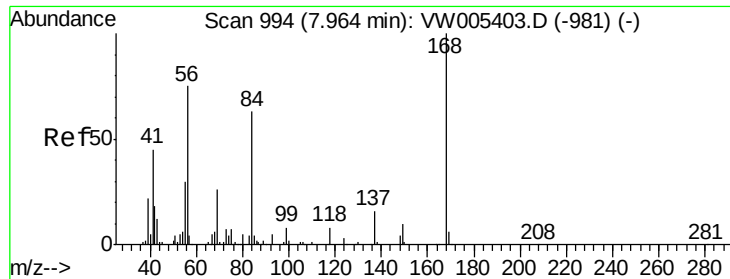
#30
Chloroform
Concen: 76.967 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion: 83 Resp: 272781
Ion Ratio Lower Upper
83 100
85 66.1 51.5 77.3



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

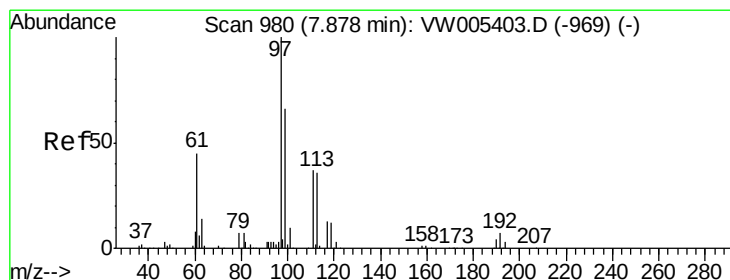
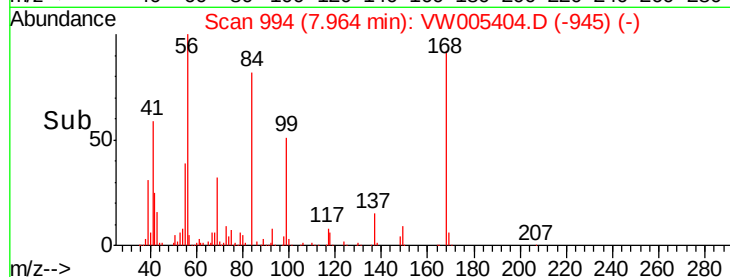
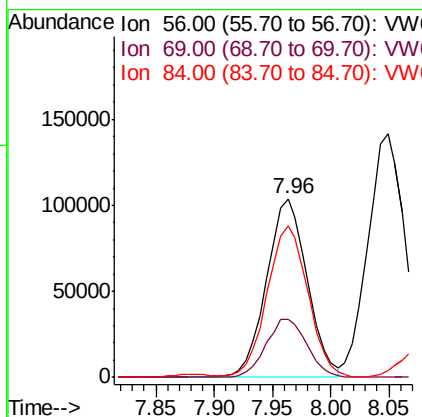
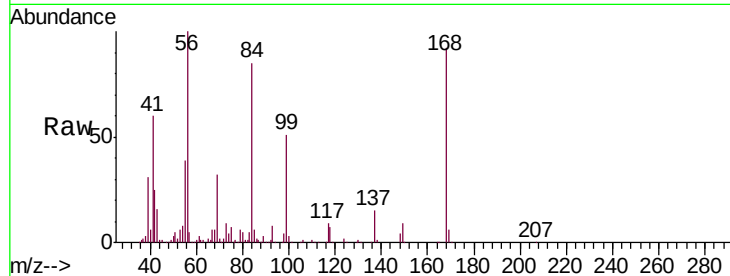




#31
Cyclohexane
Concen: 68.691 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

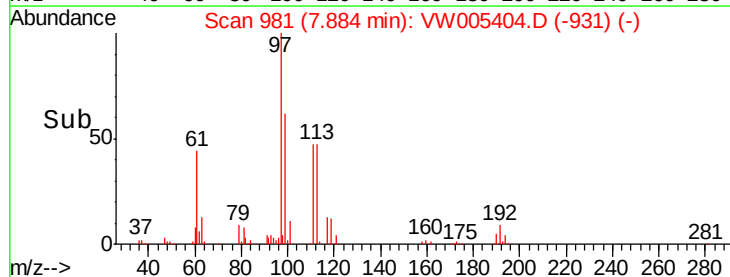
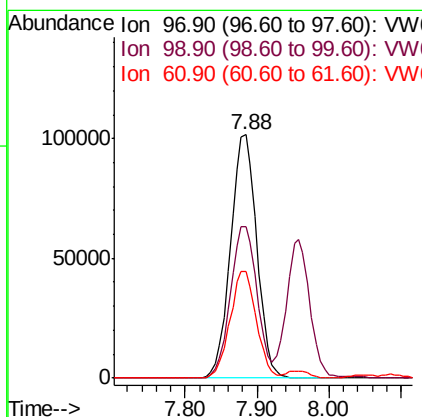
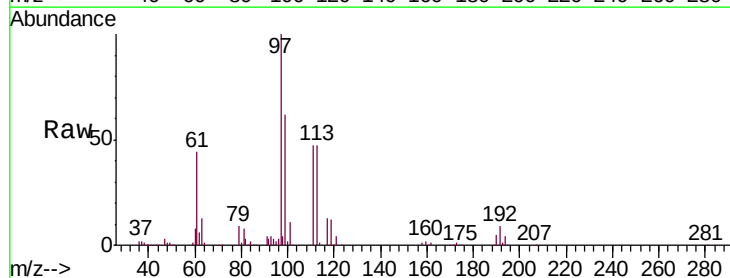
Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

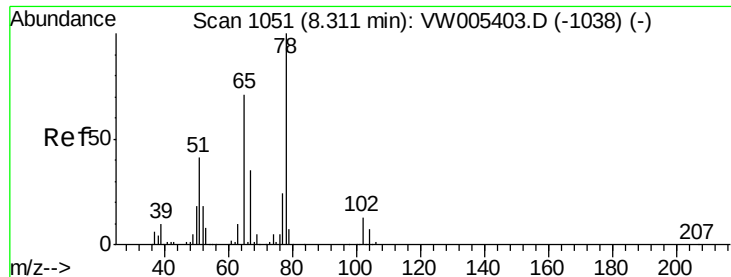
Tgt Ion: 56 Resp: 250918
Ion Ratio Lower Upper
56 100
69 32.5 27.2 40.8
84 83.0 66.7 100.1



#32
1,1,1-Trichloroethane
Concen: 79.718 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion: 97 Resp: 257034
Ion Ratio Lower Upper
97 100
99 63.4 51.5 77.3
61 44.2 35.8 53.6

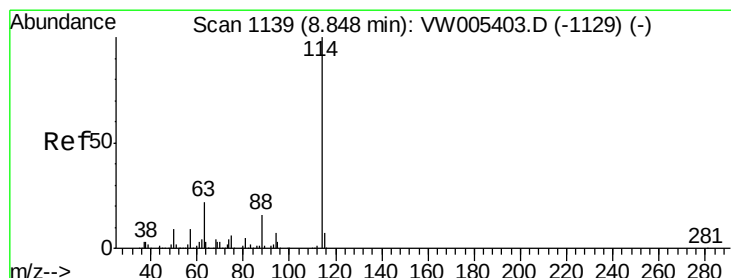
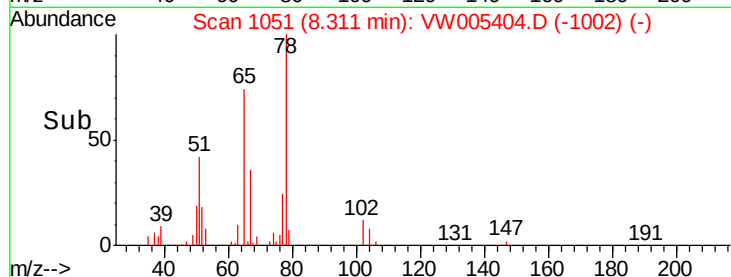
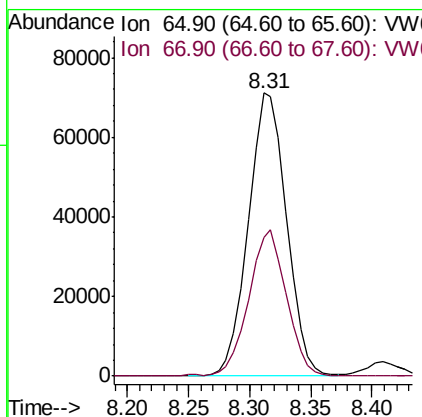
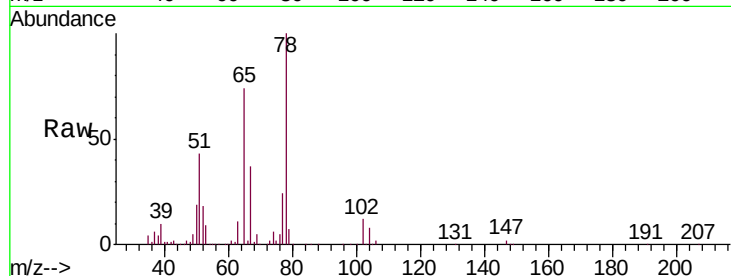




#33
 1,2-Dichloroethane-d4
 Concen: 85.953 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

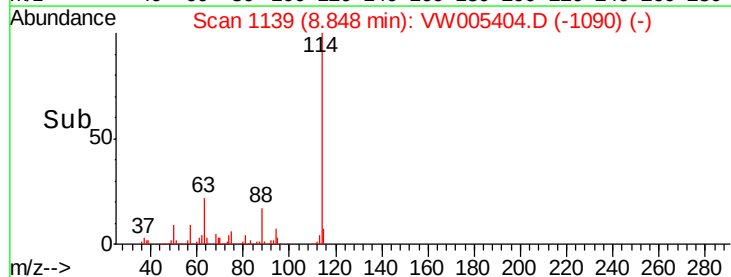
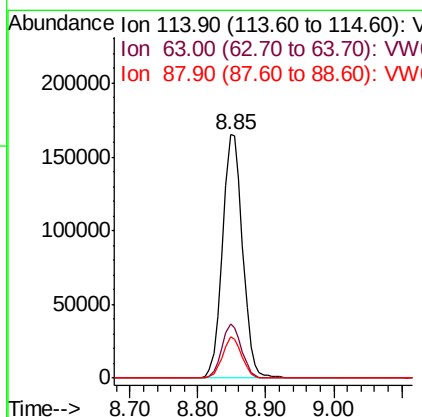
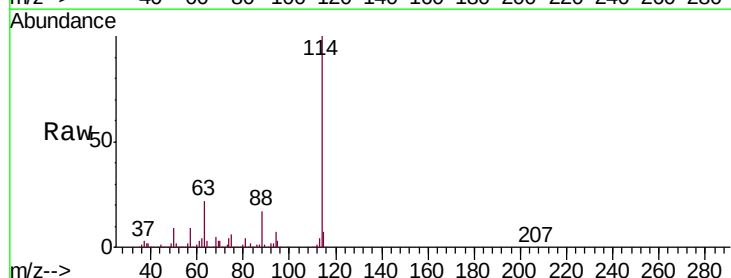
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

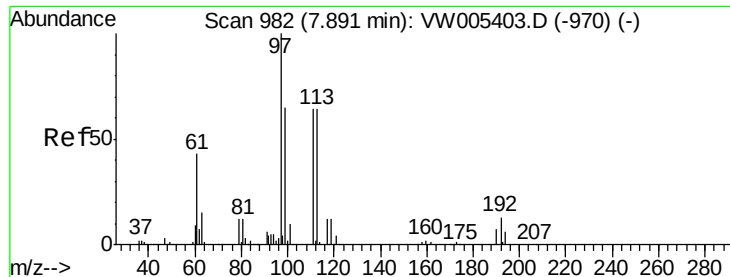
Tgt Ion: 65 Resp: 154714
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 100.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion: 114 Resp: 338563
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.4
 88 16.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 71.981 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

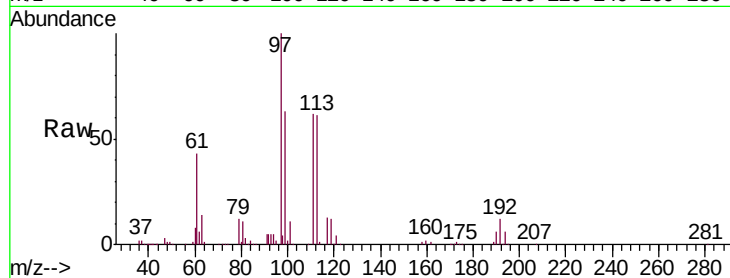
Tgt Ion:113 Resp: 127959

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

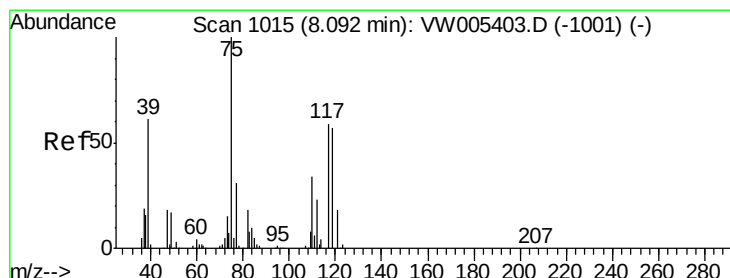
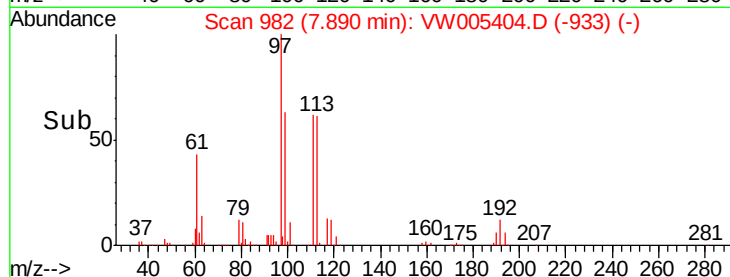
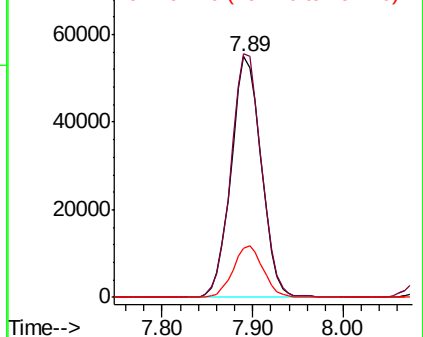
192 21.2 16.5 24.7



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: 71.755 ug/l

RT: 8.09 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

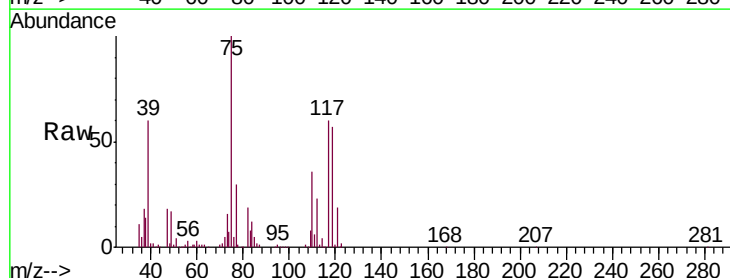
Tgt Ion: 75 Resp: 223687

Ion Ratio Lower Upper

75 100

110 34.2 16.8 50.4

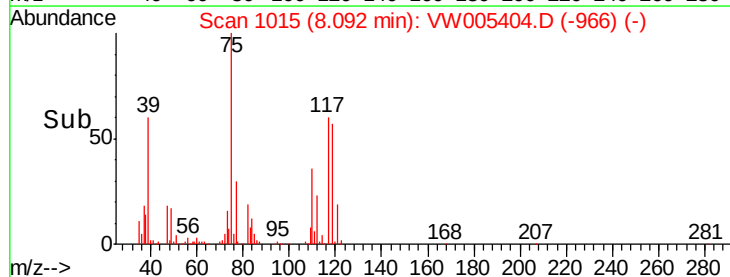
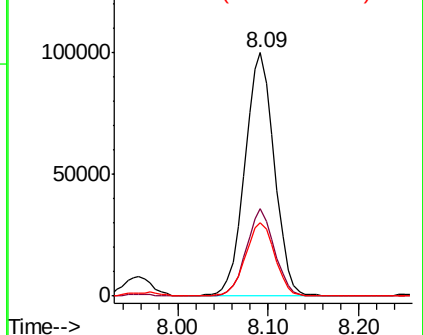
77 30.6 24.2 36.4

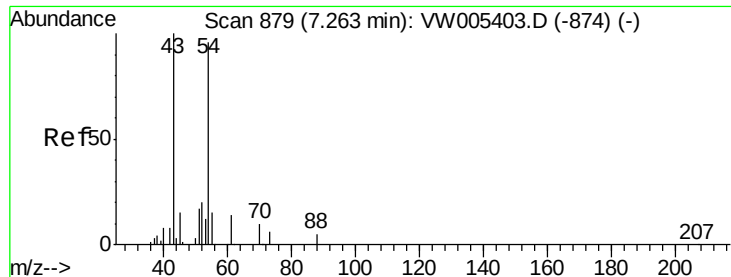


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

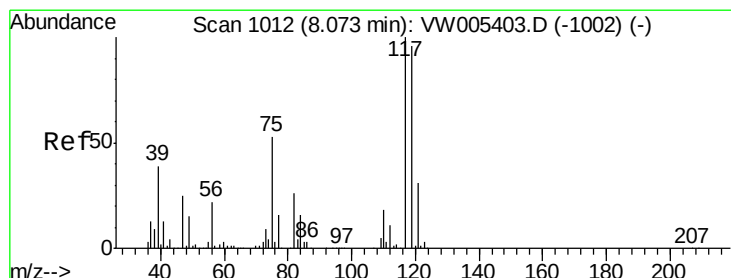
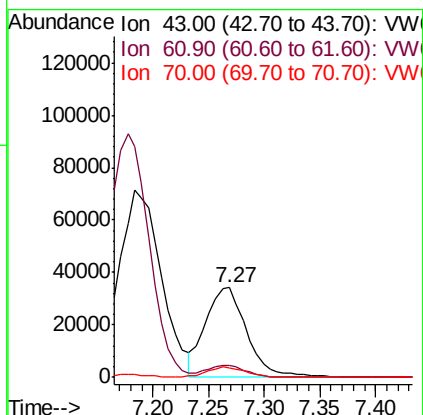
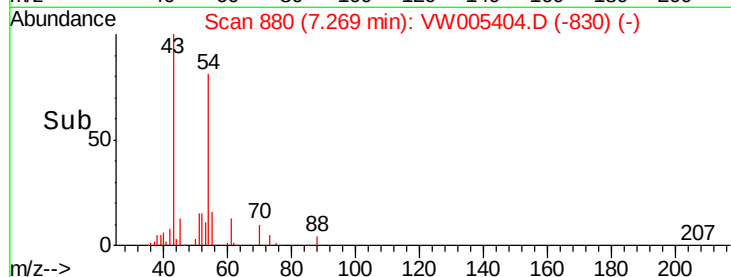
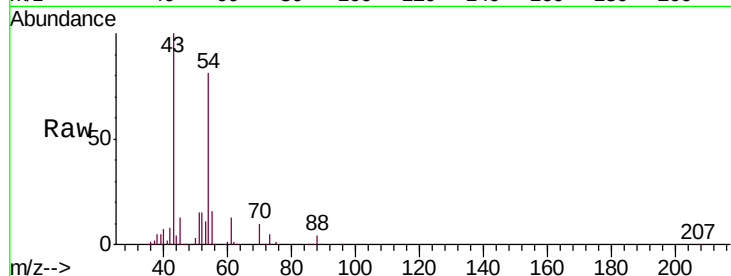




#37
Ethyl Acetate
Concen: 73.031 ug/l
RT: 7.27 min Scan# 880
Delta R.T. 0.01 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

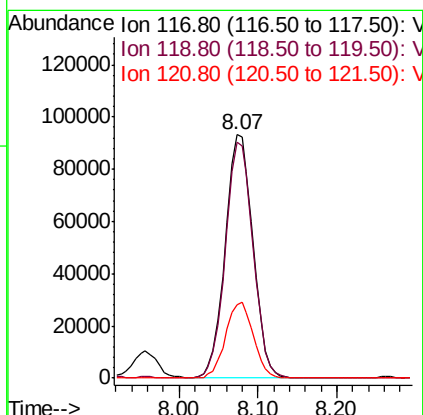
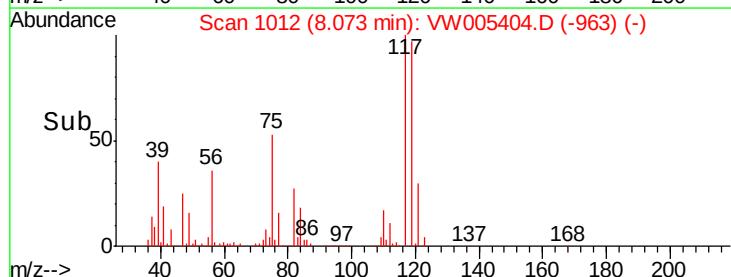
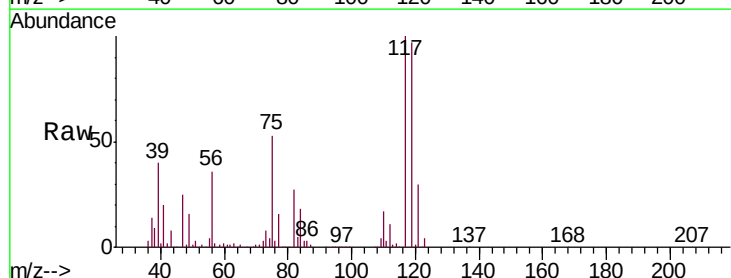
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

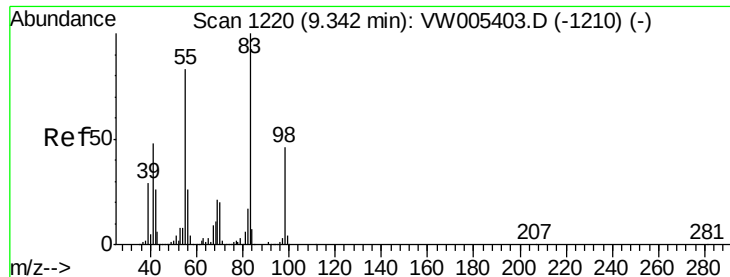
Tgt Ion: 43 Resp: 87991
Ion Ratio Lower Upper
43 100
61 12.5 11.3 16.9
70 10.6 8.2 12.4



#38
Carbon Tetrachloride
Concen: 76.898 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion: 117 Resp: 228536
Ion Ratio Lower Upper
117 100
119 96.6 76.8 115.2
121 30.2 24.7 37.1

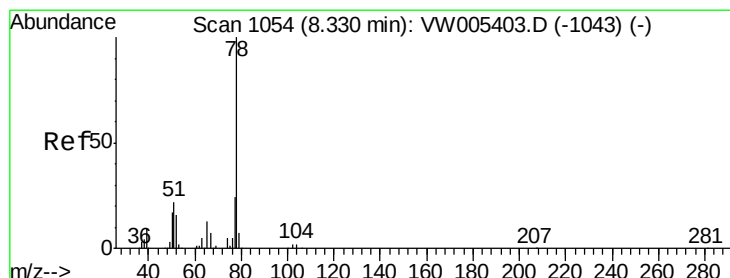
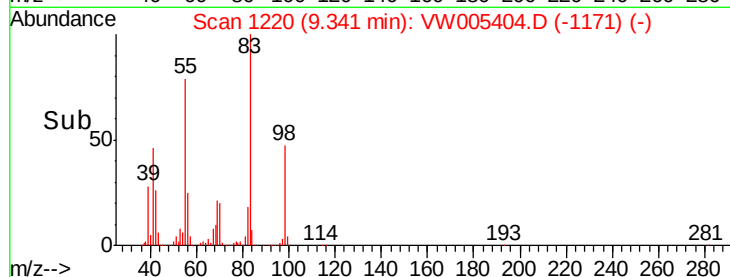
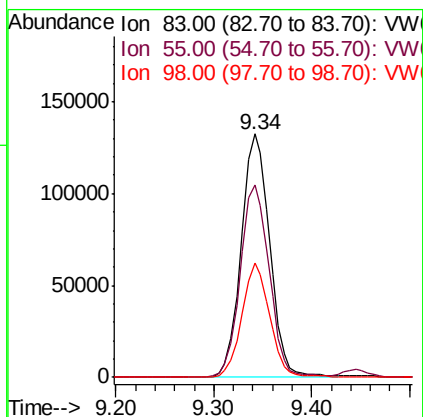
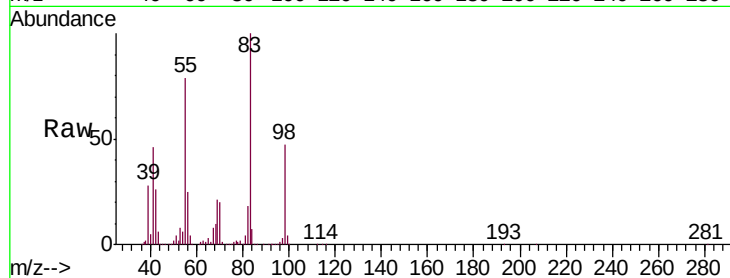




#39
Methylcyclohexane
Concen: 66.426 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

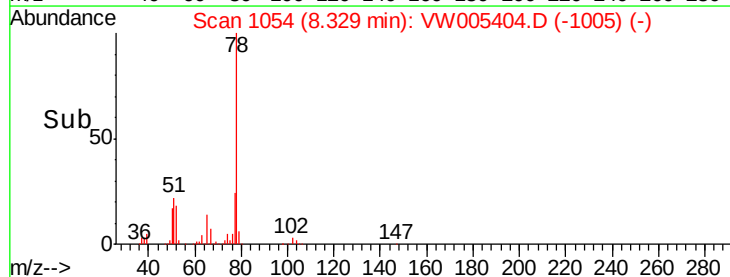
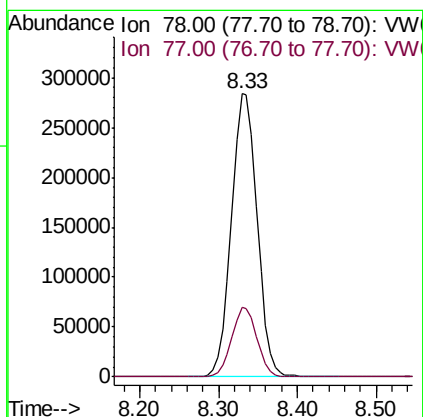
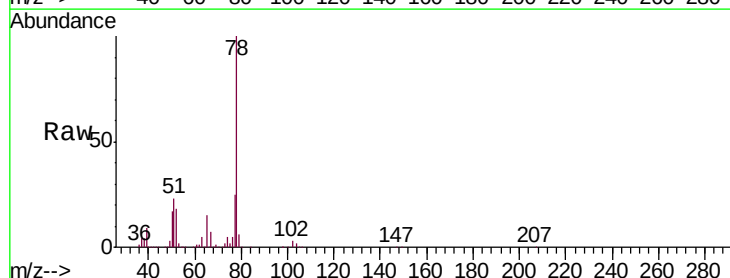
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

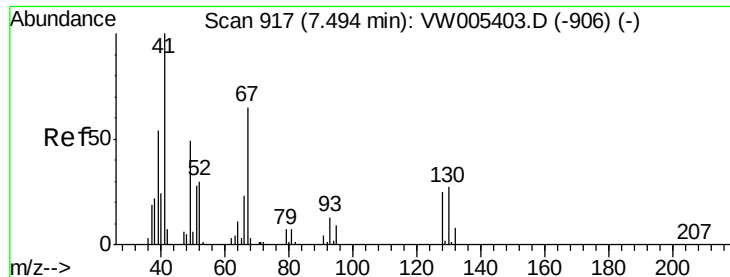
Tgt Ion: 83 Resp: 269121
Ion Ratio Lower Upper
83 100
55 79.1 66.1 99.1
98 46.8 36.7 55.1



#40
Benzene
Concen: 70.620 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion: 78 Resp: 645100
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9

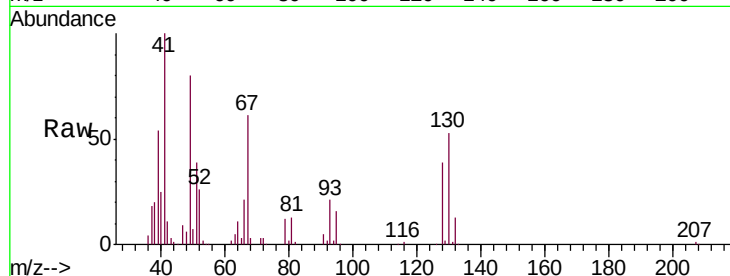




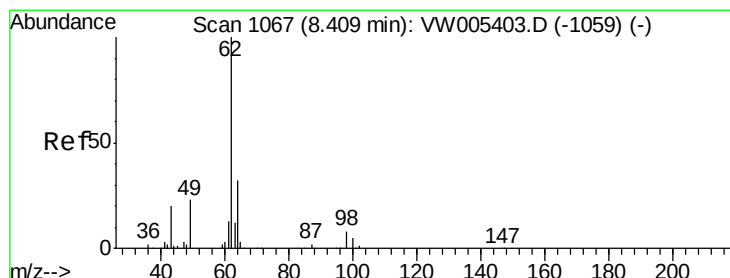
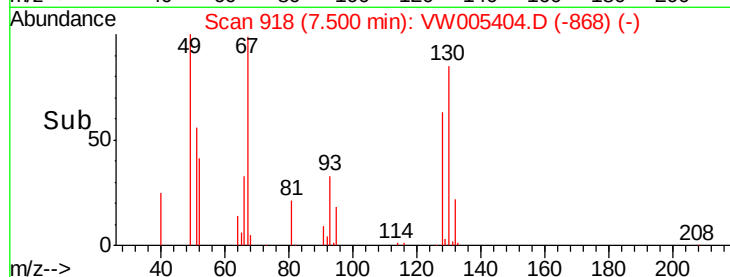
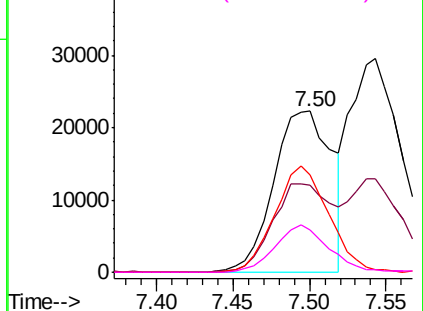
#41
Methacrylonitrile
Concen: 93.782 ug/l
RT: 7.50 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion:	41	Resp:	58947
Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.6	67.0
67	61.2	53.6	80.4
52	27.5	24.9	37.3

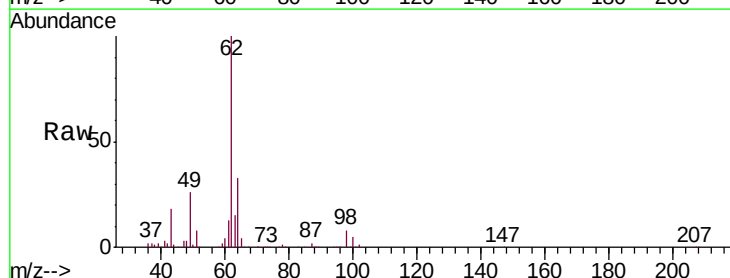


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

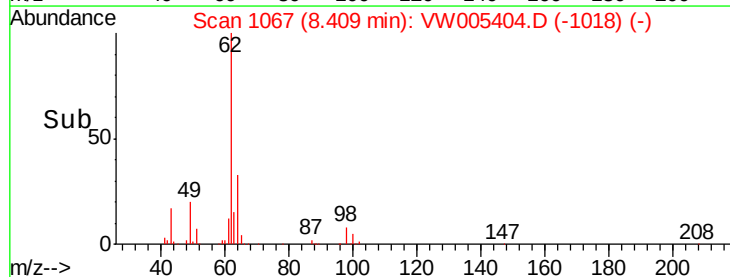
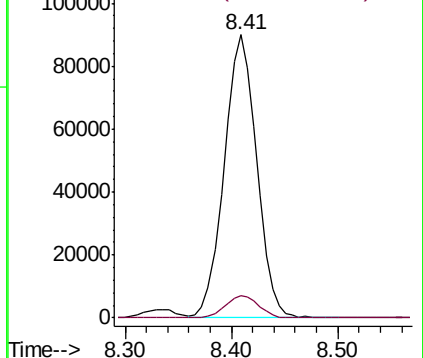


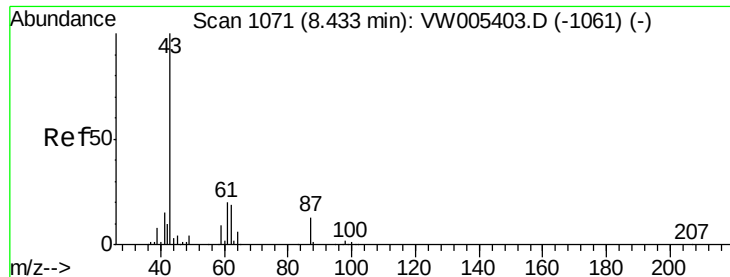
#42
1,2-Dichloroethane
Concen: 83.220 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion:	62	Resp:	191812
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 79.524 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

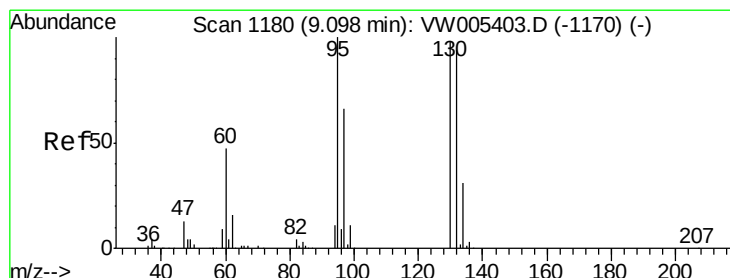
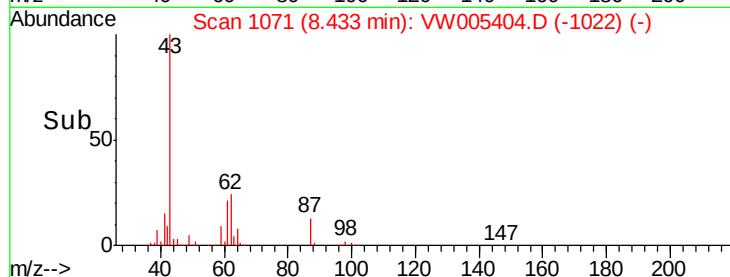
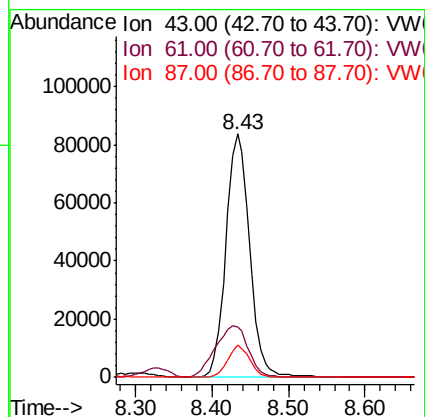
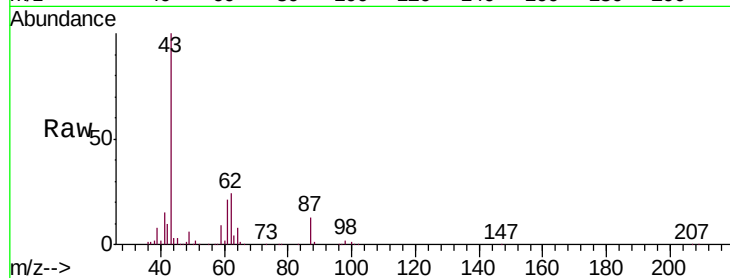
Tgt Ion: 43 Resp: 178899

Ion Ratio Lower Upper

43 100

61 29.7 23.8 35.6

87 12.6 10.1 15.1



#44

Trichloroethene

Concen: 66.462 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005404.D

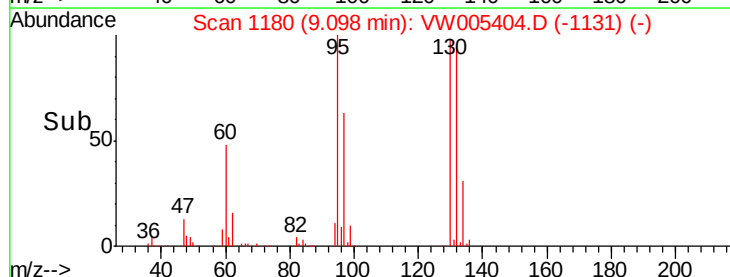
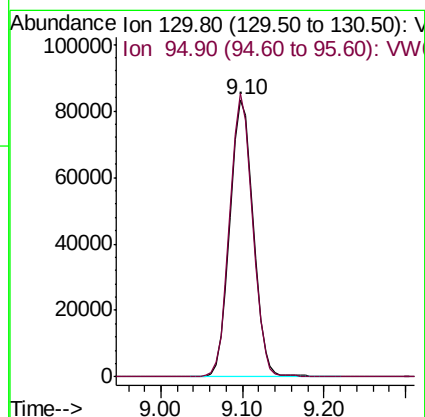
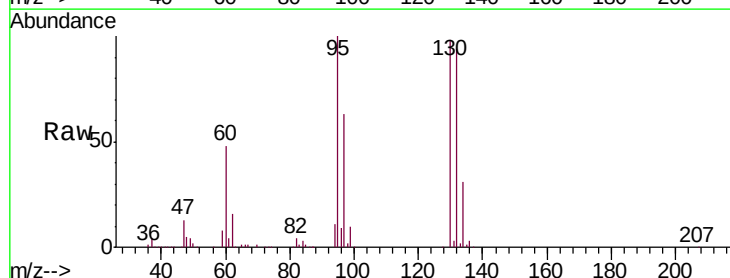
Acq: 15 Sep 2018 00:31

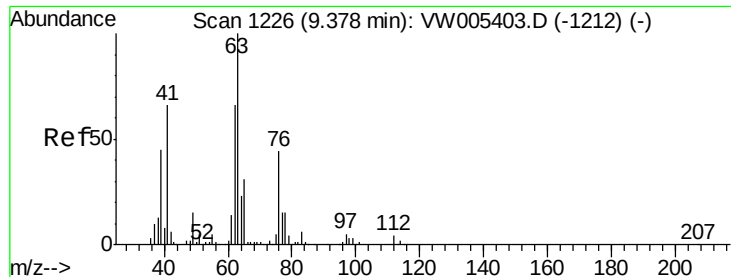
Tgt Ion: 130 Resp: 164842

Ion Ratio Lower Upper

130 100

95 102.0 0.0 204.6

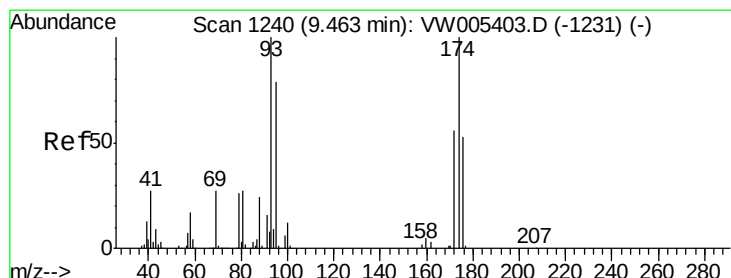
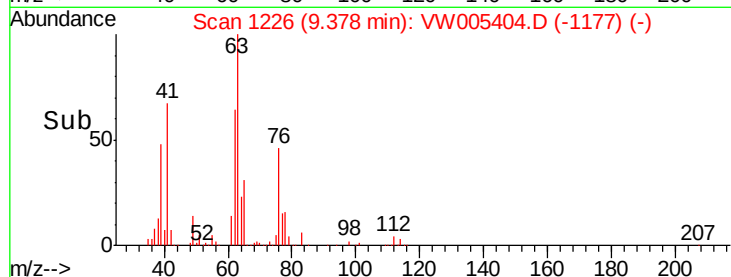
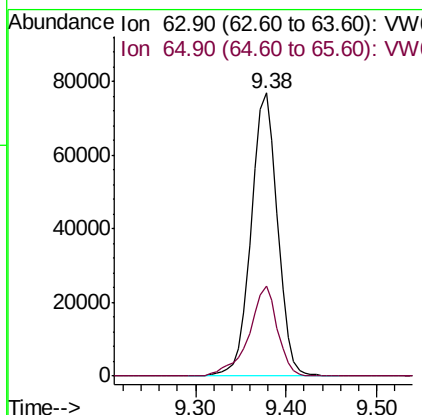
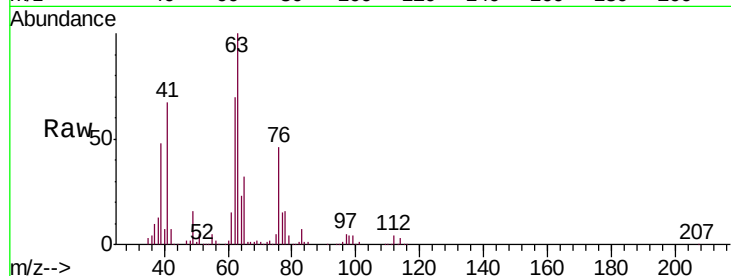




#45
 1,2-Dichloropropane
 Concen: 70.489 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

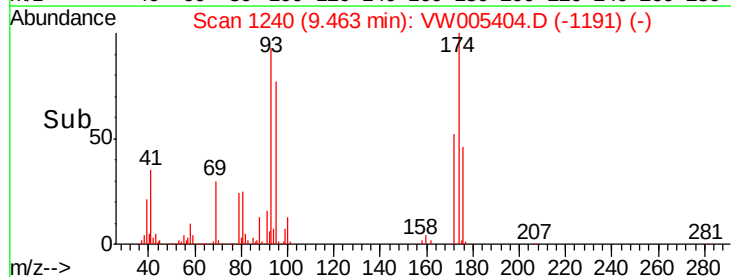
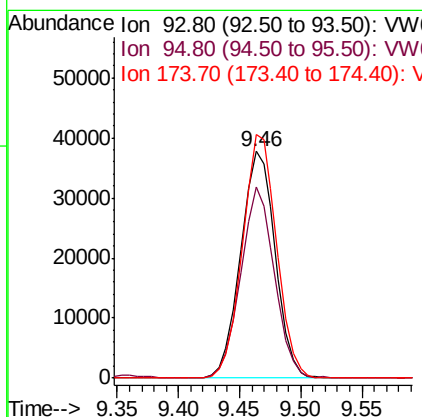
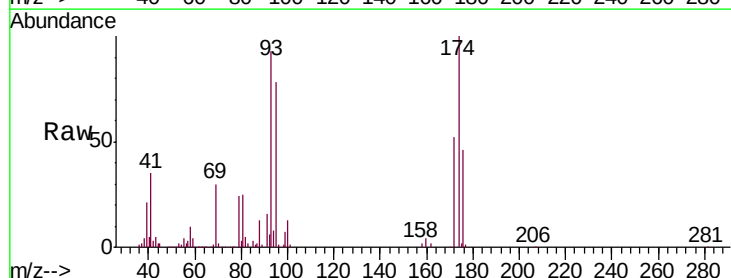
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

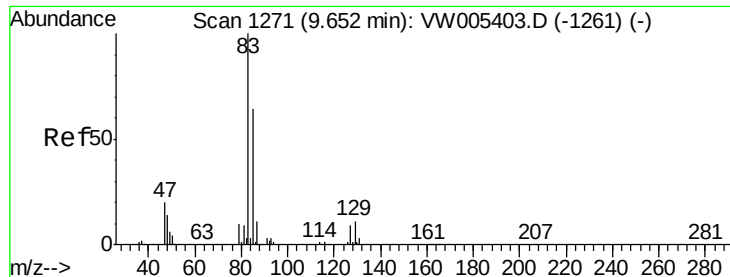
Tgt Ion: 63 Resp: 154698
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.0 37.6



#46
 Dibromomethane
 Concen: 68.420 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion: 93 Resp: 74072
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.4 98.0
 174 106.2 83.4 125.2





#47

Bromodichloromethane

Concen: 76.379 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

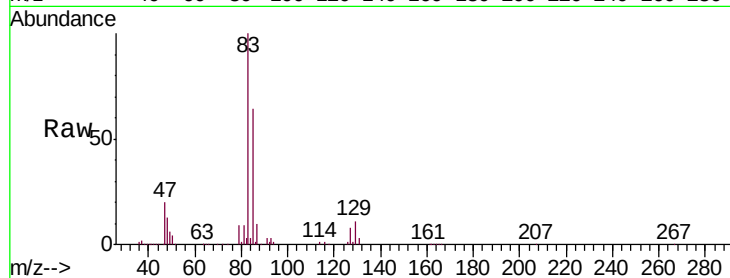
Tgt Ion: 83 Resp: 205234

Ion Ratio Lower Upper

83 100

85 63.6 50.9 76.3

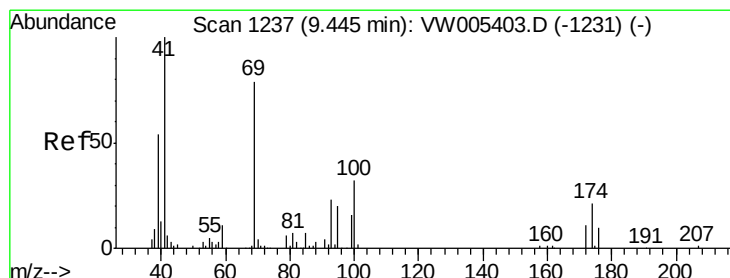
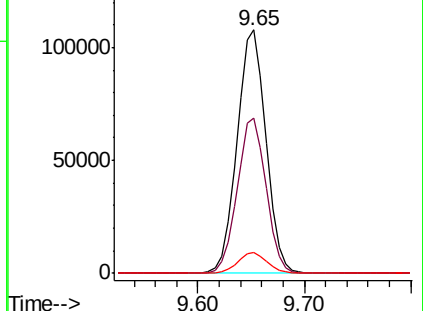
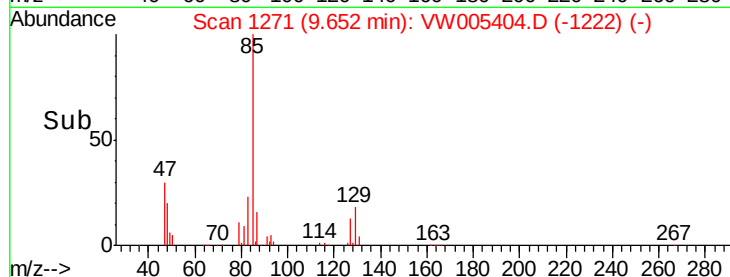
127 8.4 7.0 10.4



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: 77.611 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

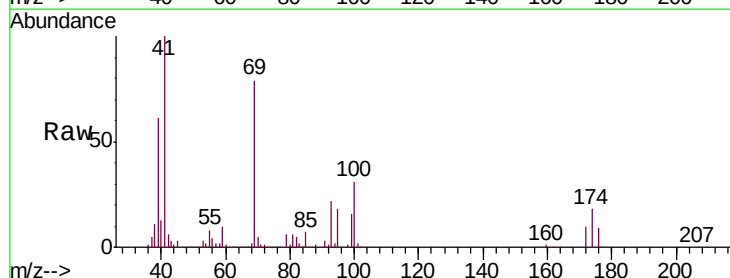
Tgt Ion: 41 Resp: 89961

Ion Ratio Lower Upper

41 100

69 86.1 67.5 101.3

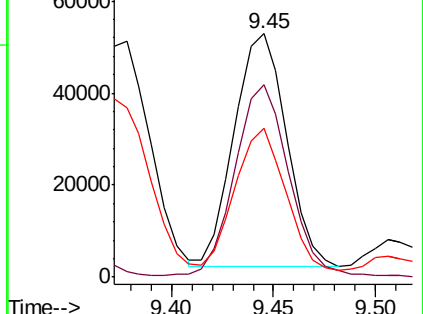
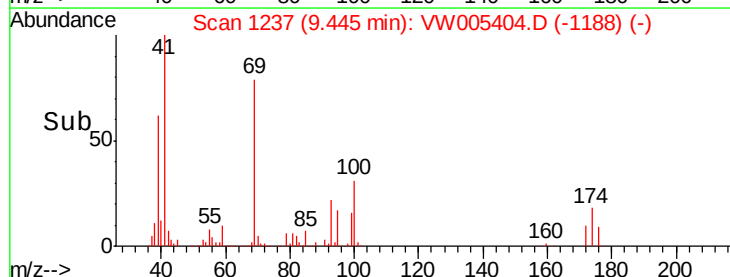
39 58.8 45.5 68.3

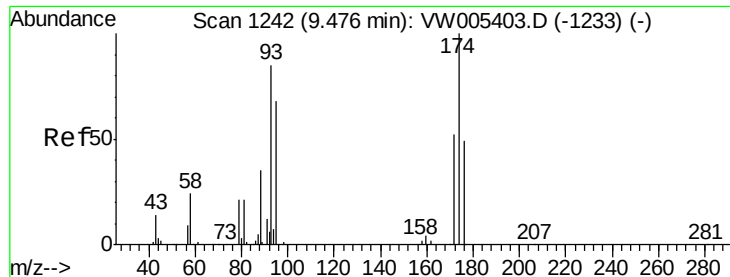


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1402.796 ug/l

RT: 9.48 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

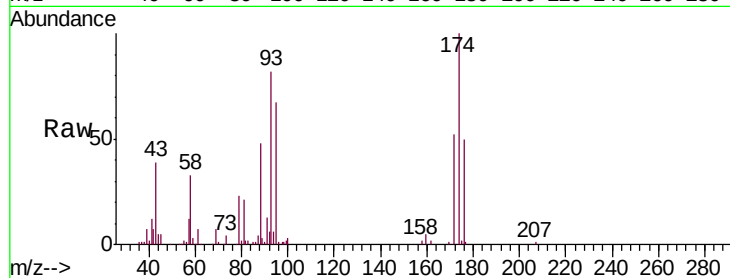
Tgt Ion: 88 Resp: 27572

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

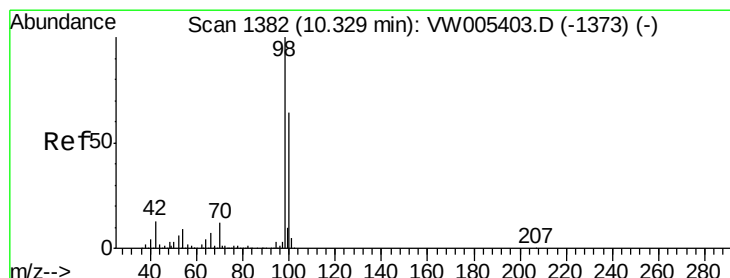
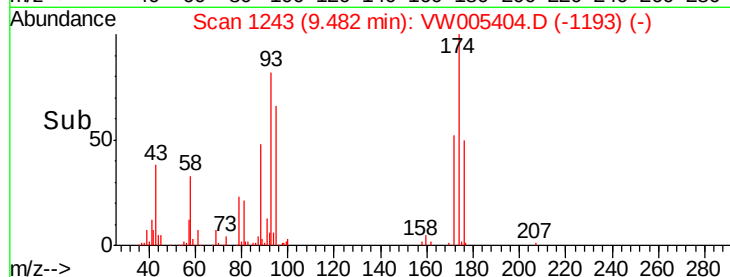
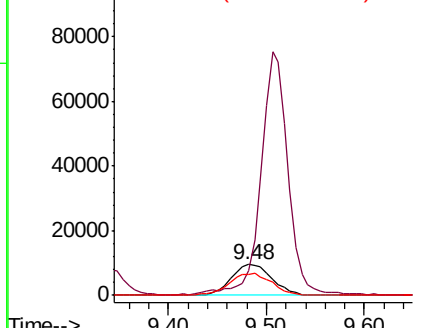
58 75.2 62.4 93.6



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 70.581 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005404.D

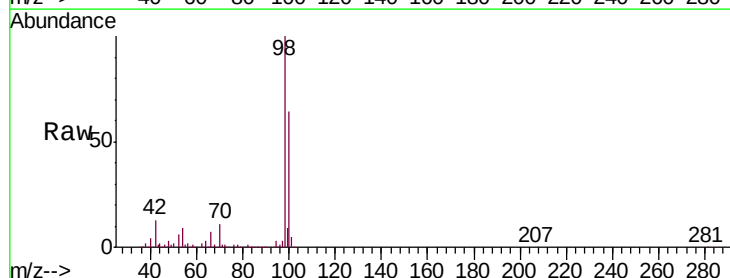
Acq: 15 Sep 2018 00:31

Tgt Ion: 98 Resp: 624714

Ion Ratio Lower Upper

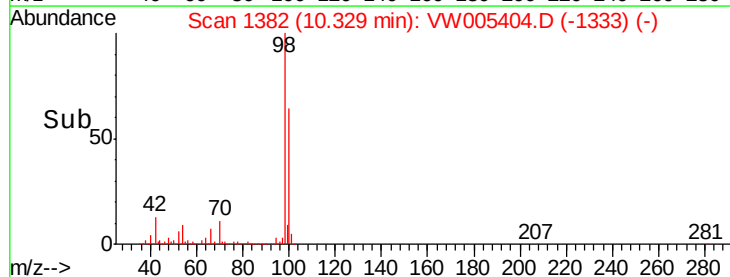
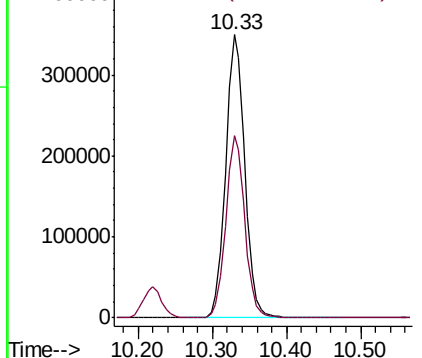
98 100

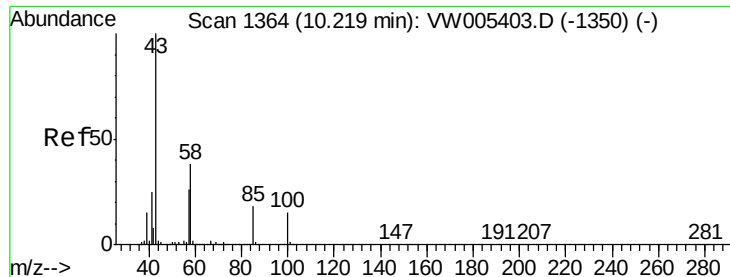
100 64.0 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 382.662 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

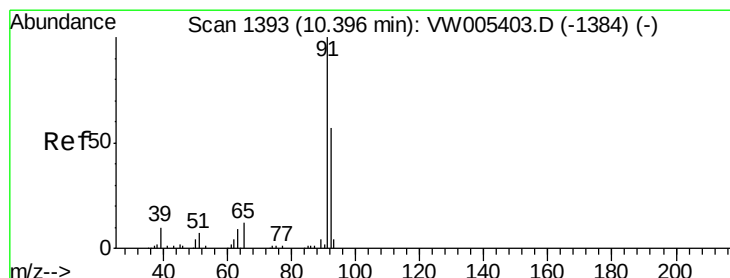
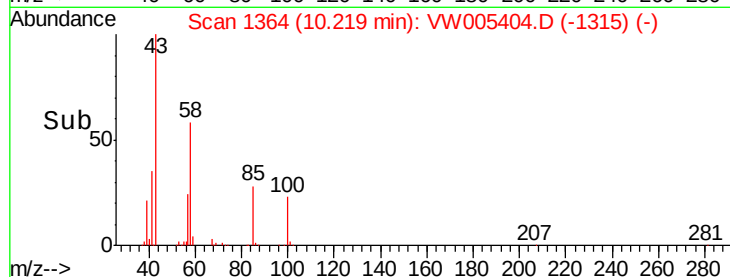
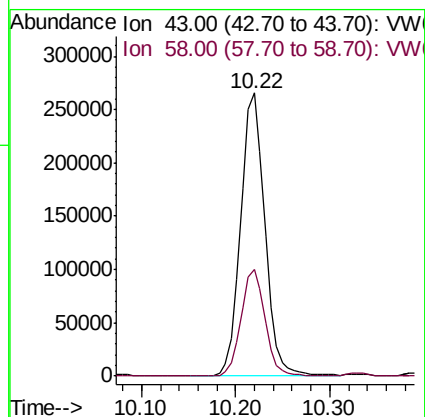
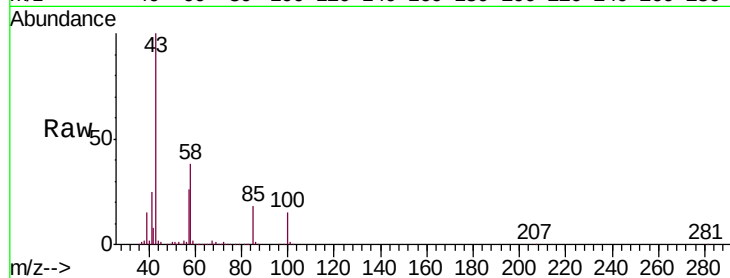
VSTDIC075

Tgt Ion: 43 Resp: 478019

Ion Ratio Lower Upper

43 100

58 37.3 29.9 44.9



#52

Toluene

Concen: 68.450 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005404.D

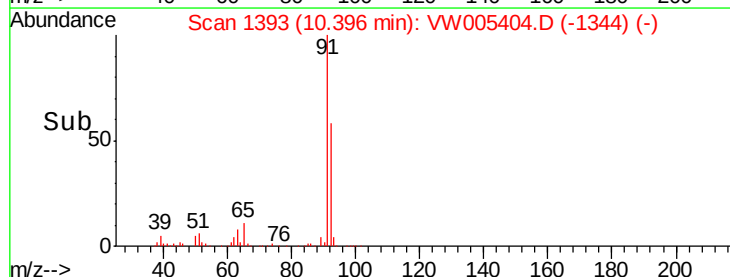
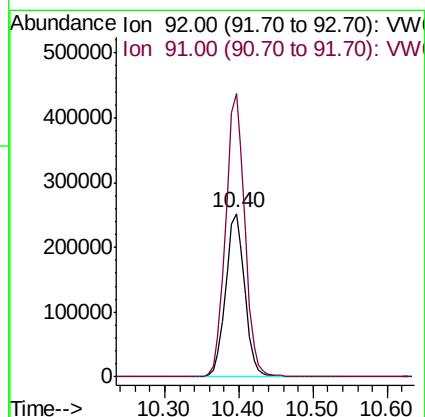
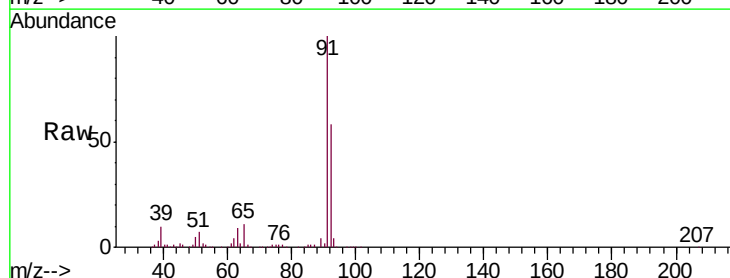
Acq: 15 Sep 2018 00:31

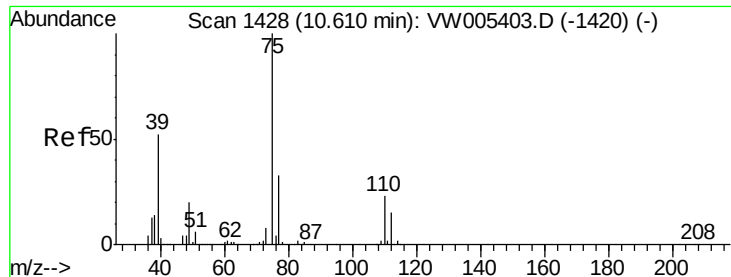
Tgt Ion: 92 Resp: 451951

Ion Ratio Lower Upper

92 100

91 173.6 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 74.150 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

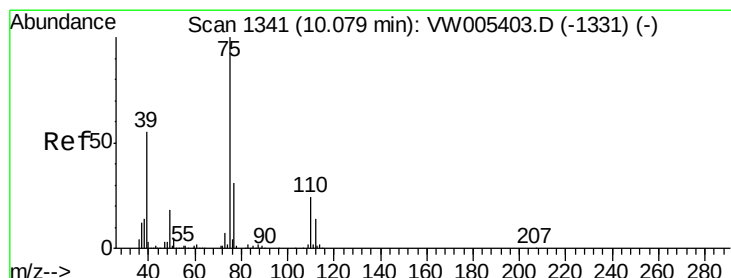
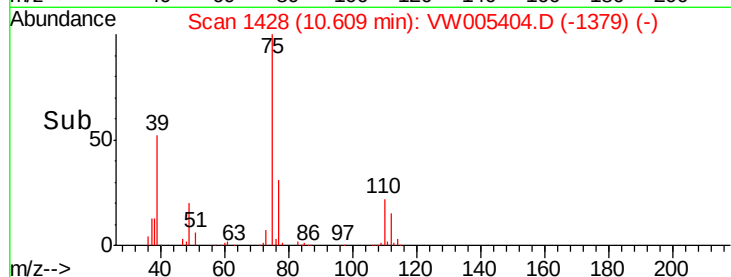
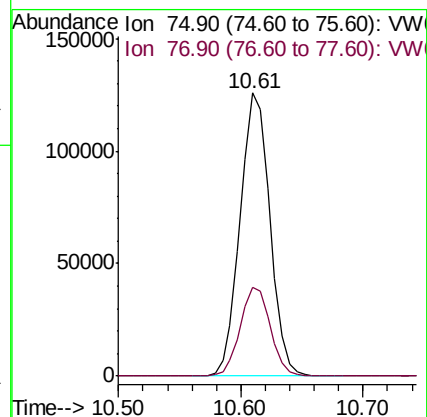
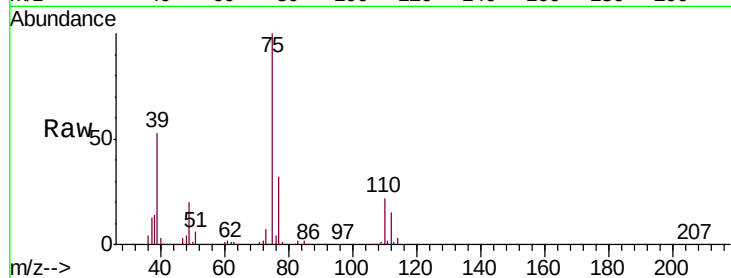
VSTDIC075

Tgt Ion: 75 Resp: 212517

Ion Ratio Lower Upper

75 100

77 31.4 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 72.049 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

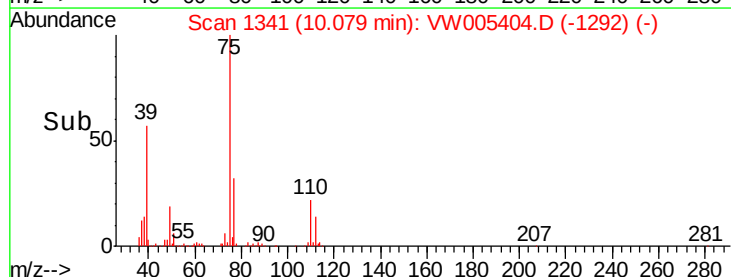
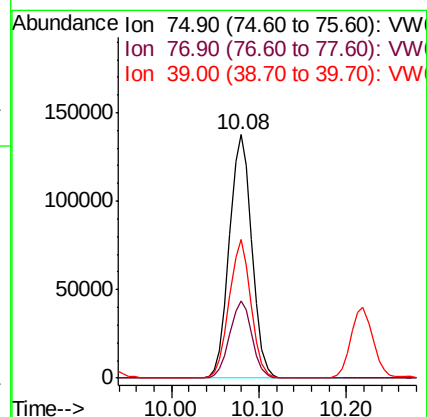
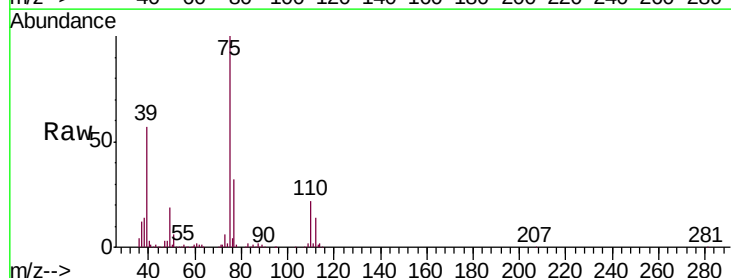
Tgt Ion: 75 Resp: 244811

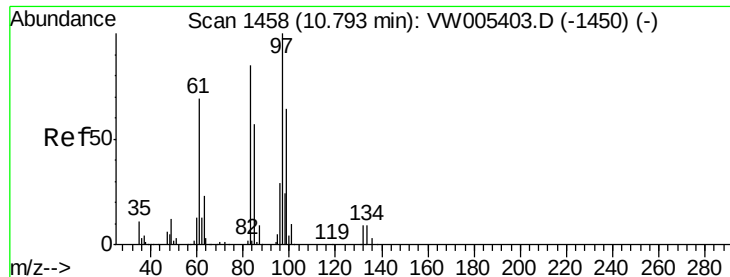
Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4

39 56.9 44.2 66.2

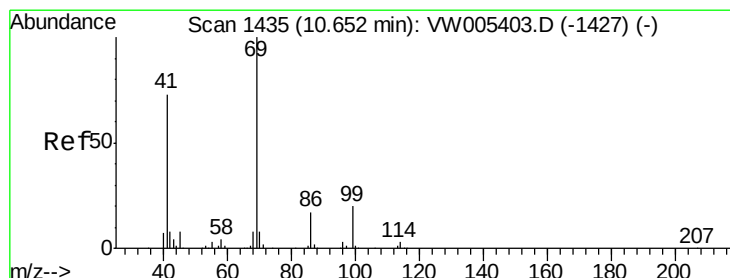
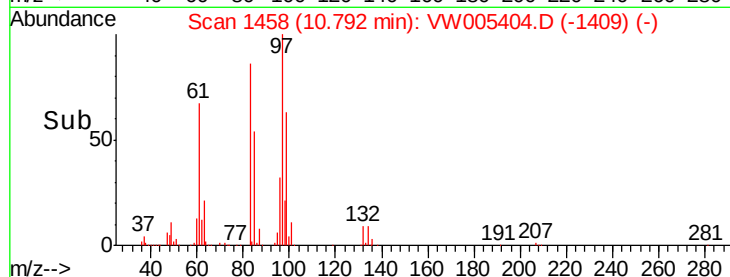
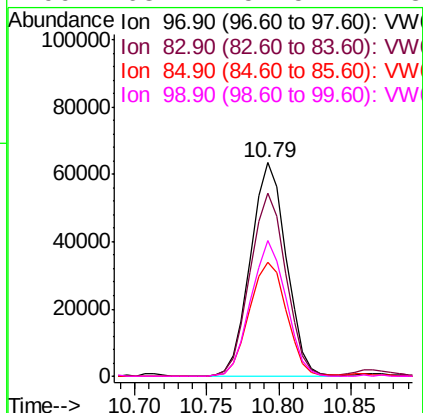
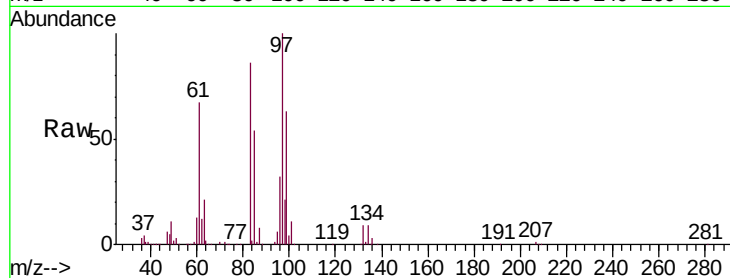




#55
 1,1,2-Trichloroethane
 Concen: 64.566 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

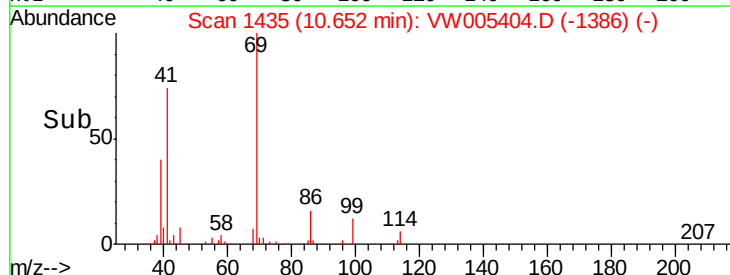
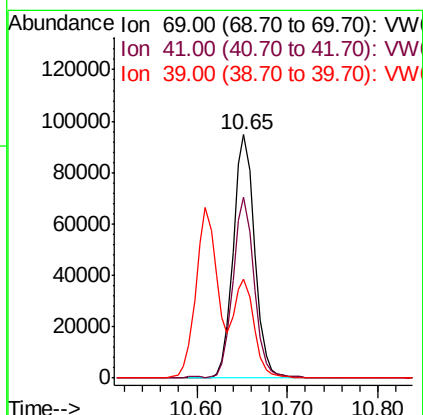
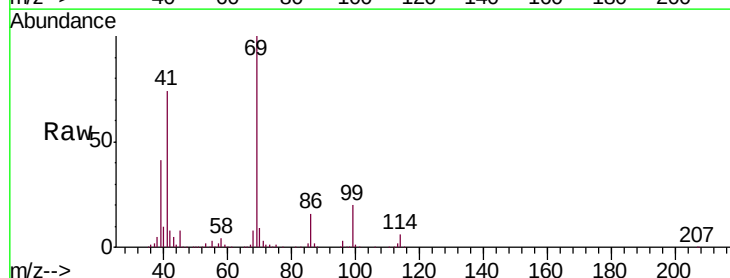
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

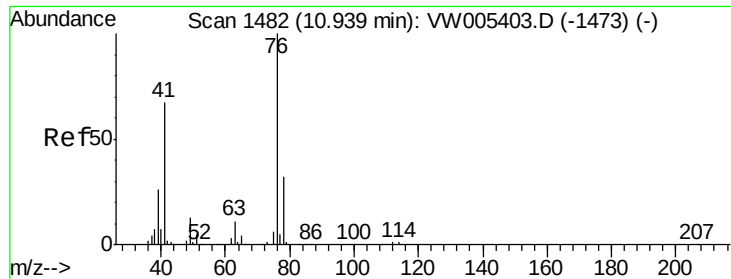
Tgt Ion:	97	Resp:	109563
Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.8	101.8
85	53.6	45.4	68.0
99	63.4	51.5	77.3



#56
 Ethyl methacrylate
 Concen: 71.965 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion:	69	Resp:	155349
Ion	Ratio	Lower	Upper
69	100		
41	72.9	59.3	88.9
39	38.1	30.2	45.4





#57

1,3-Dichloropropane

Concen: 68.445 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

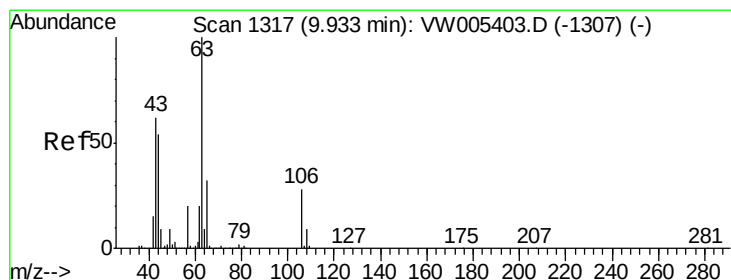
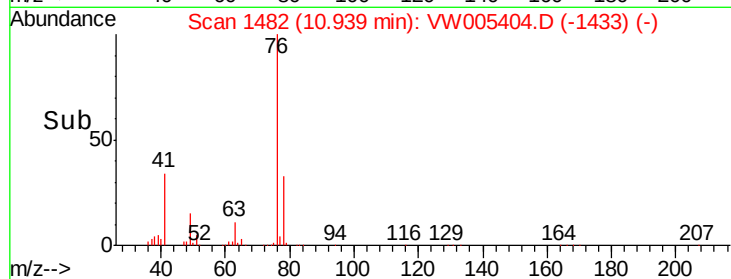
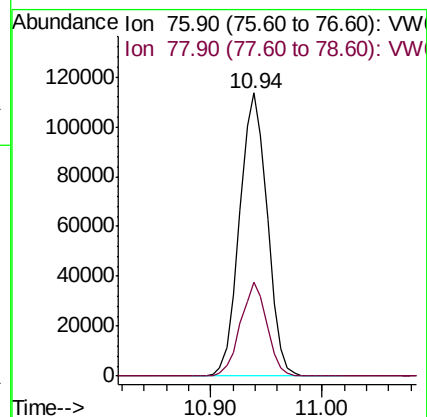
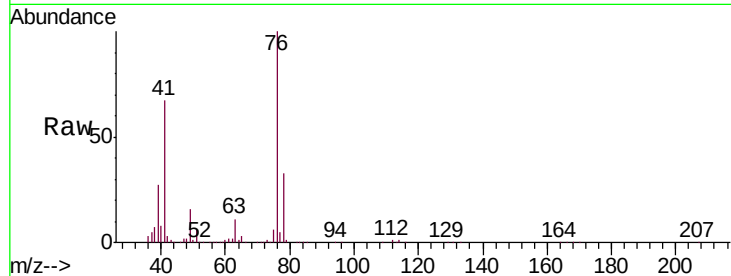
VSTDIC075

Tgt Ion: 76 Resp: 194946

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 369.346 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005404.D

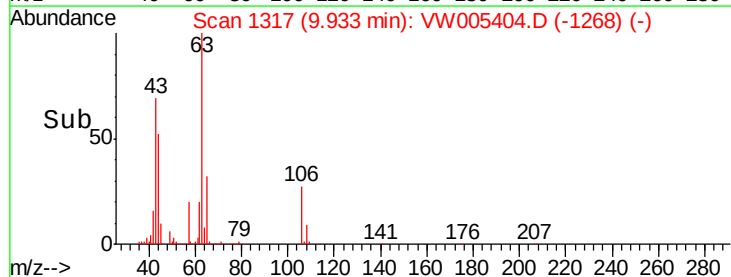
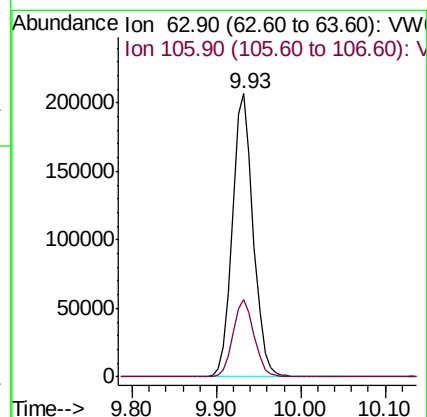
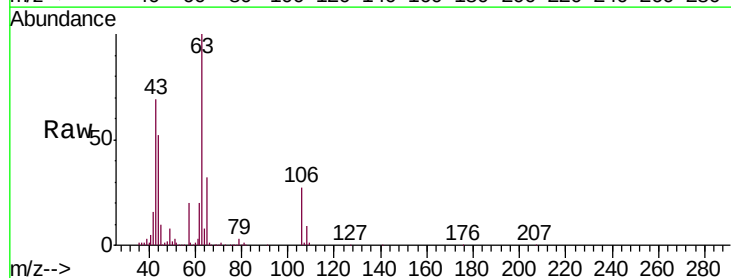
Acq: 15 Sep 2018 00:31

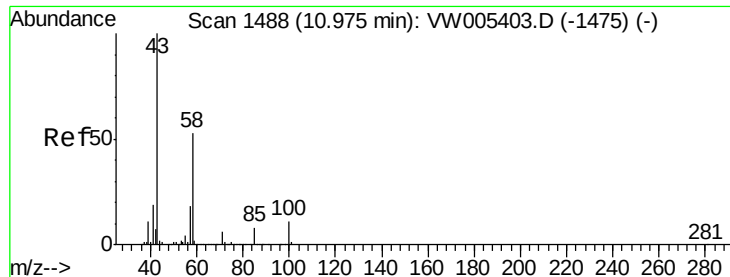
Tgt Ion: 63 Resp: 348137

Ion Ratio Lower Upper

63 100

106 27.6 22.0 33.0

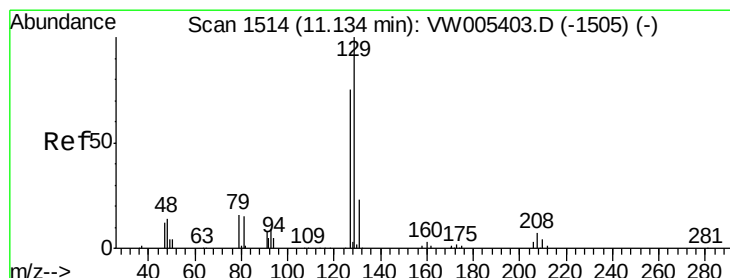
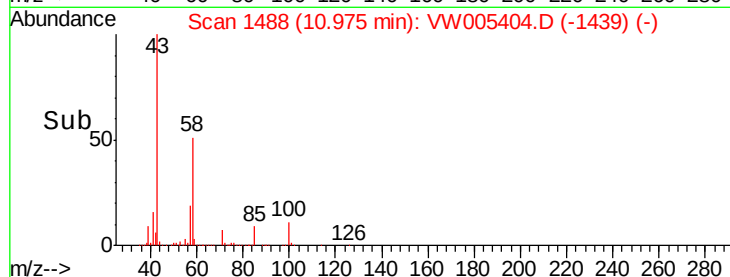
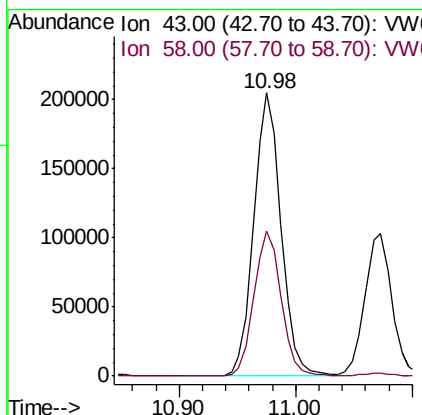
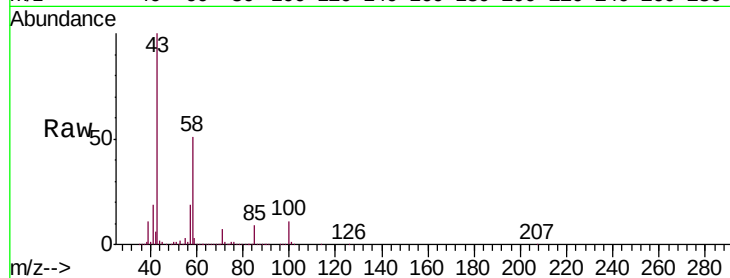




#59
2-Hexanone
Concen: 373.865 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

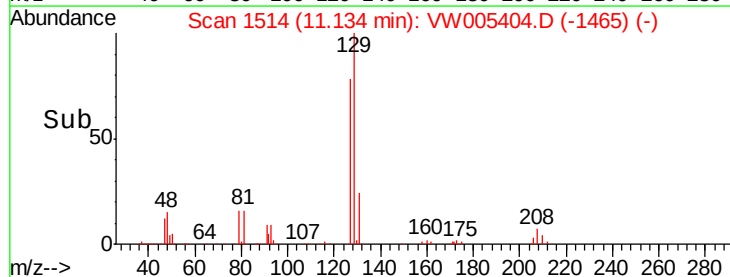
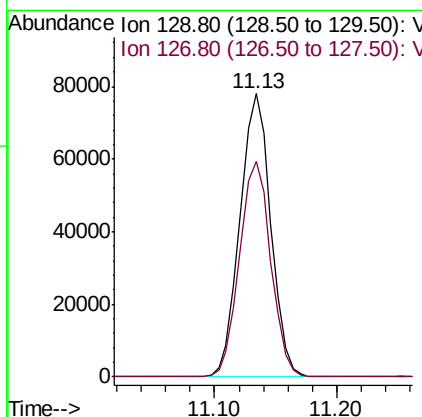
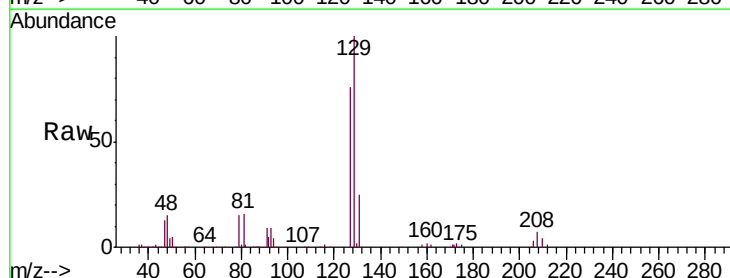
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

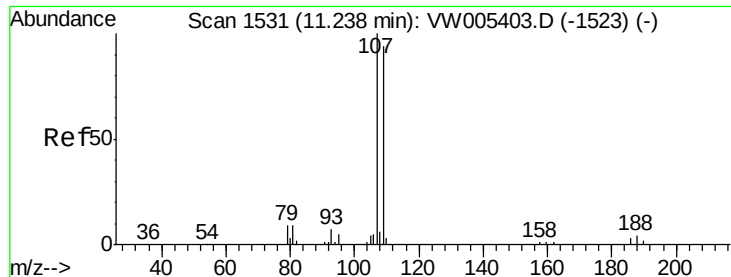
Tgt Ion: 43 Resp: 335326
Ion Ratio Lower Upper
43 100
58 51.2 25.5 76.5



#60
Dibromochloromethane
Concen: 71.394 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion: 129 Resp: 136342
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3

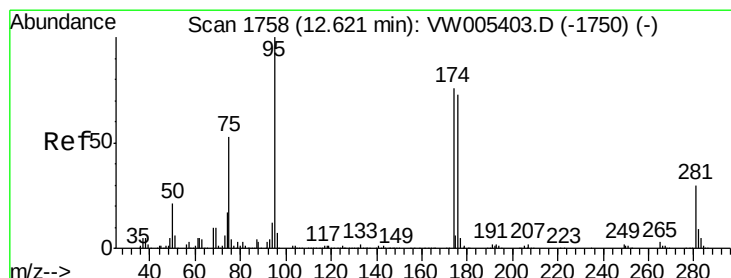
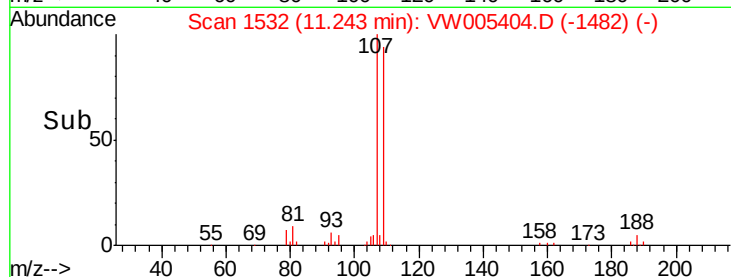
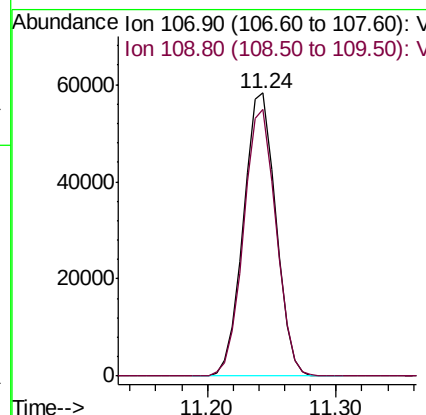
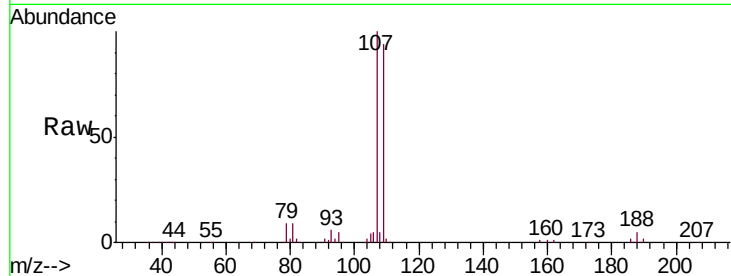




#61
 1,2-Dibromoethane
 Concen: 65.066 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

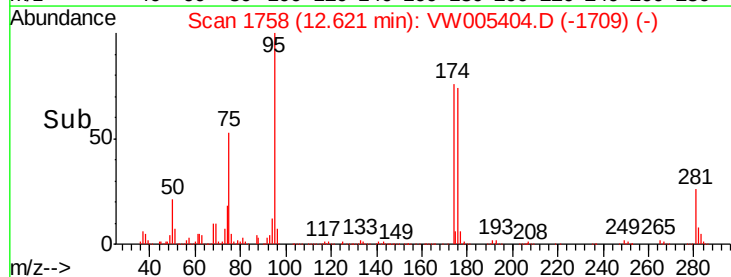
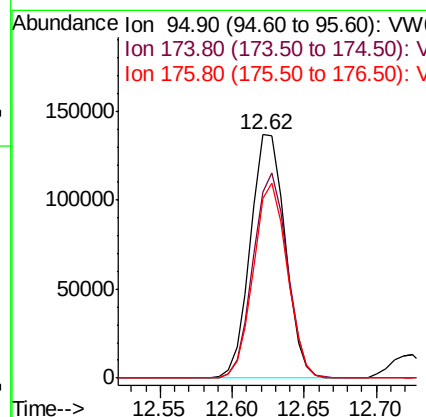
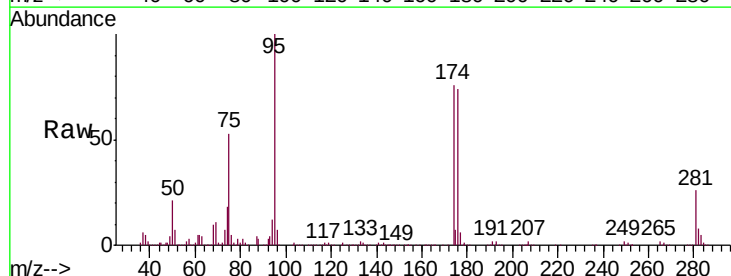
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

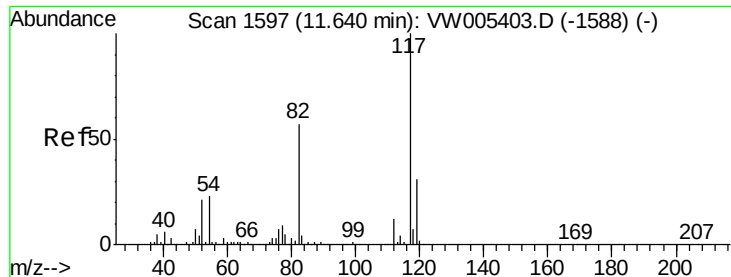
Tgt Ion: 107 Resp: 101156
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 69.986 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion: 95 Resp: 228204
 Ion Ratio Lower Upper
 95 100
 174 82.4 0.0 161.2
 176 78.0 0.0 156.6

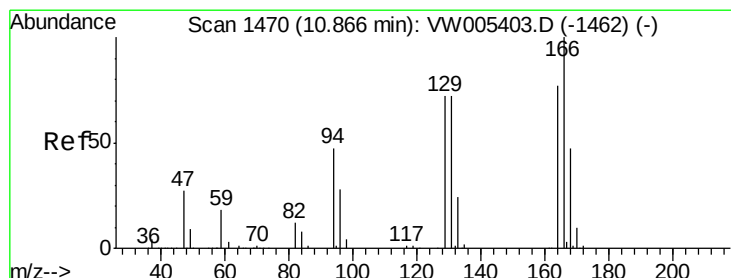
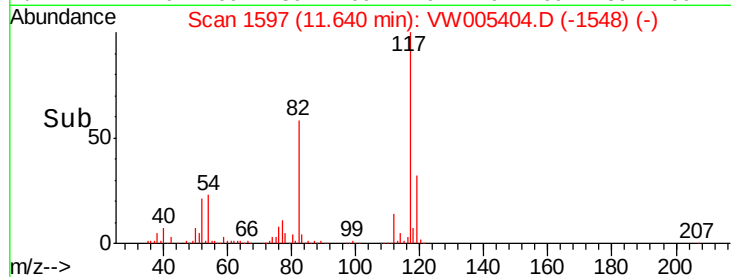
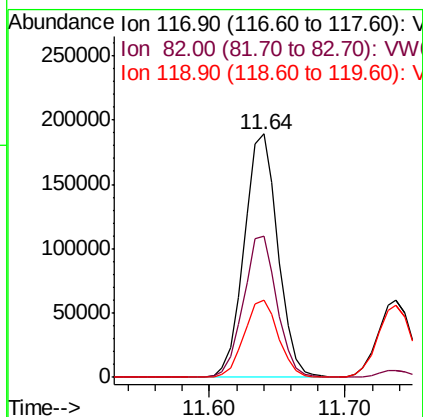
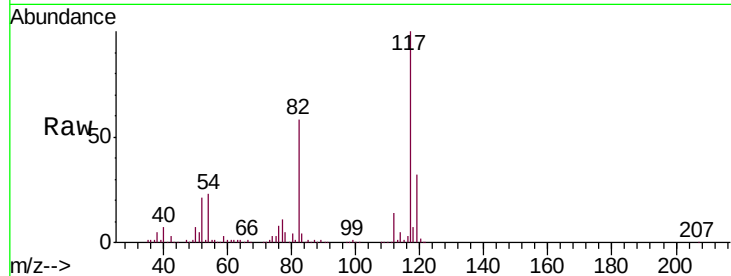




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

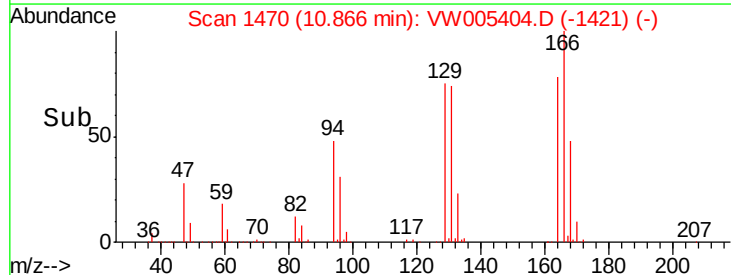
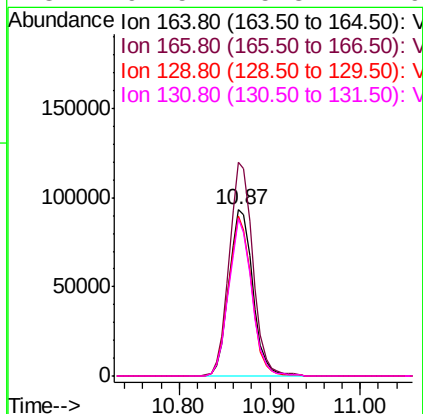
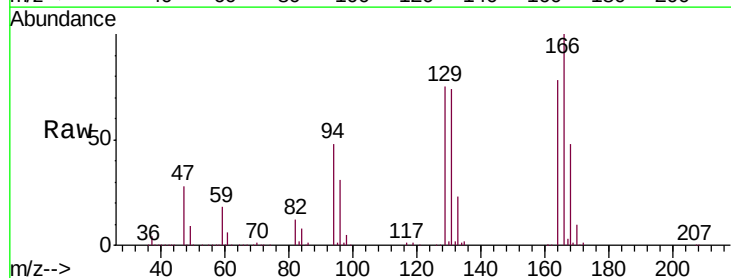
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

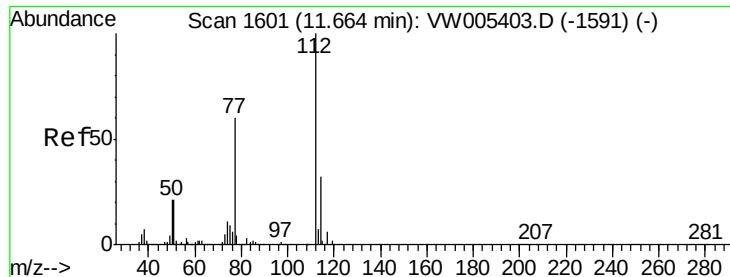
Tgt Ion:117 Resp: 327878
Ion Ratio Lower Upper
117 100
82 57.8 45.9 68.9
119 31.9 24.8 37.2



#64
Tetrachloroethene
Concen: 70.369 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion:164 Resp: 170746
Ion Ratio Lower Upper
164 100
166 128.4 104.0 156.0
129 96.6 74.9 112.3
131 94.5 75.3 112.9

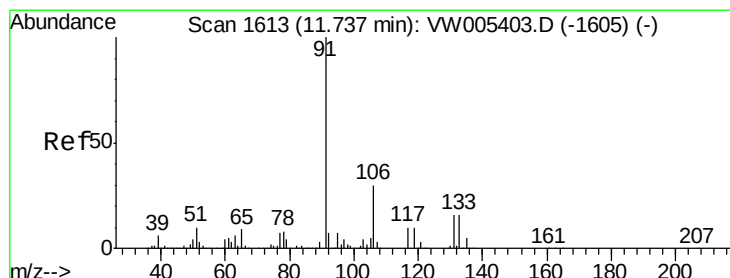
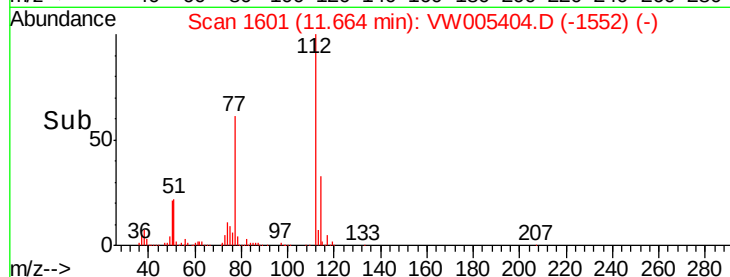
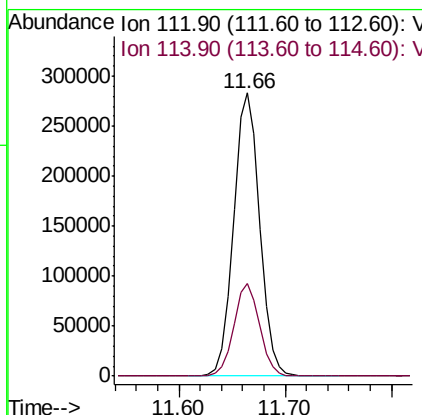
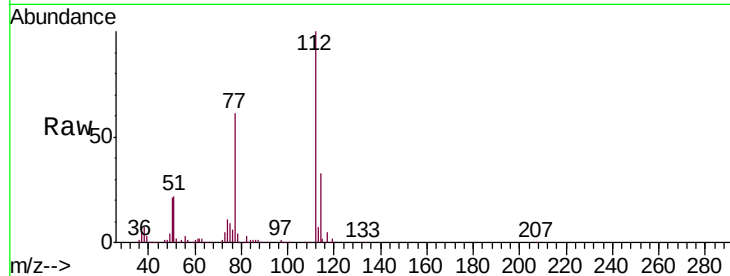




#65
Chlorobenzene
Concen: 68.156 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

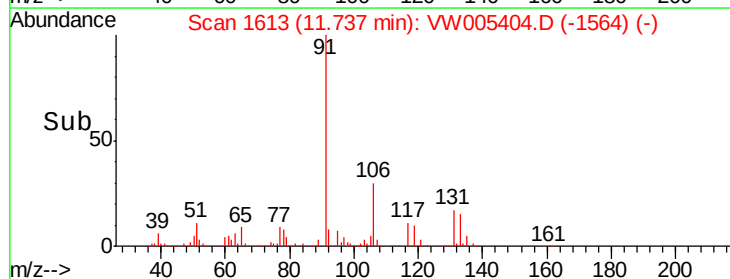
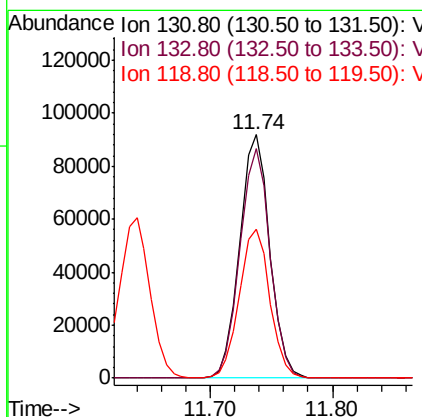
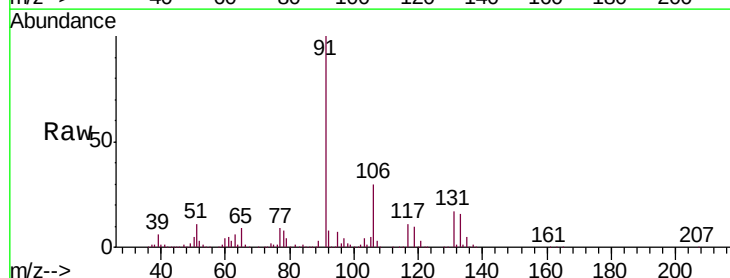
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

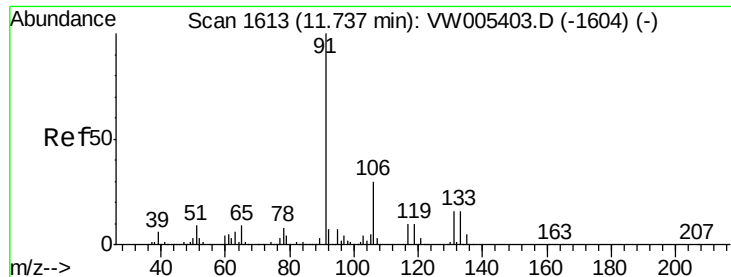
Tgt Ion:112 Resp: 485949
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 72.538 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion:131 Resp: 156306
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 62.5 31.1 93.5

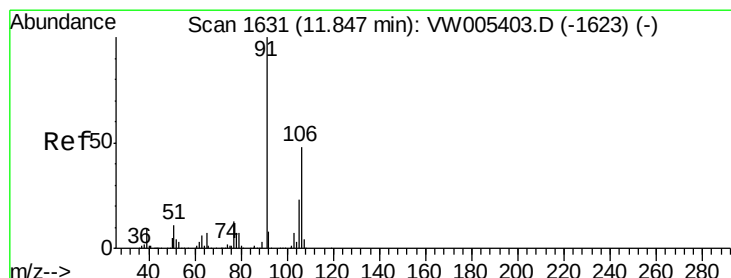
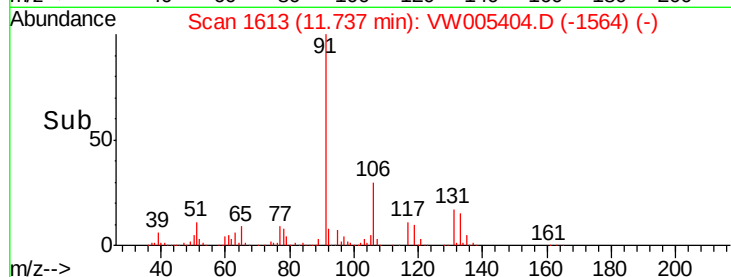
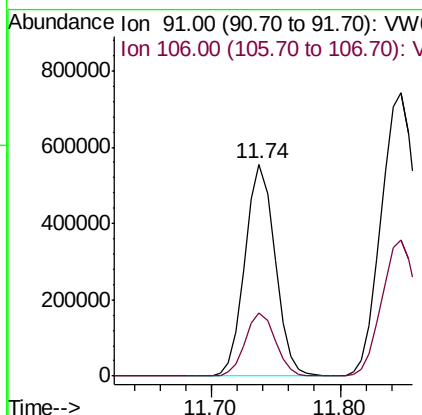
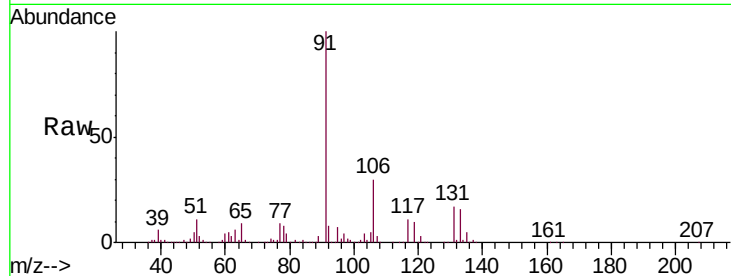




#67
Ethyl Benzene
Concen: 72.046 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

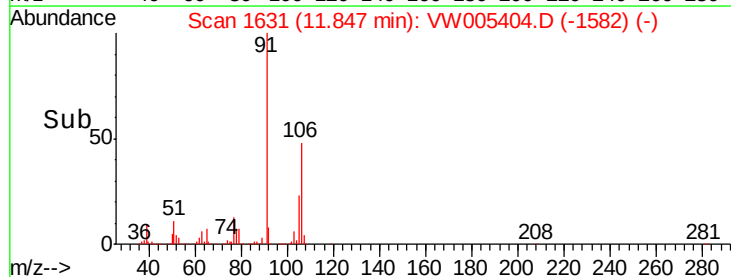
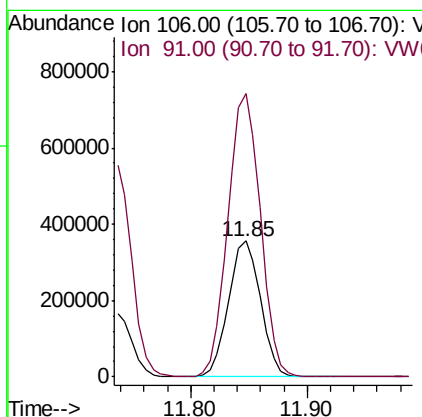
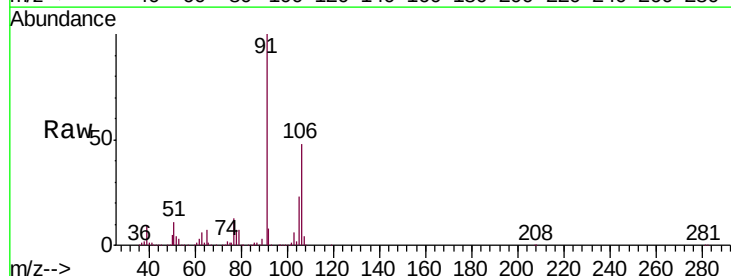
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

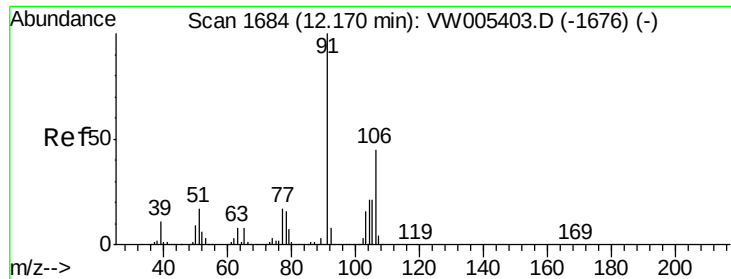
Tgt Ion: 91 Resp: 897061
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4



#68
m/p-Xylenes
Concen: 136.982 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion: 106 Resp: 683391
Ion Ratio Lower Upper
106 100
91 210.5 167.9 251.9

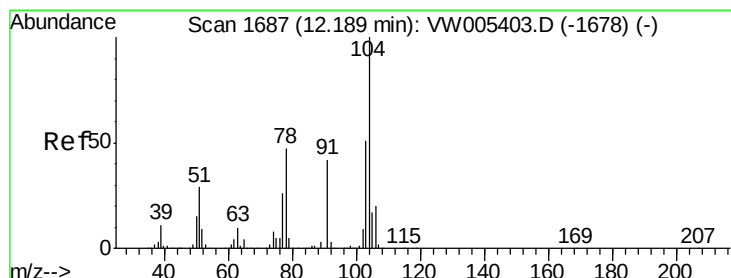
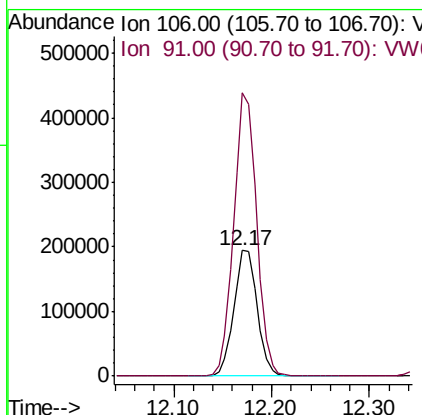
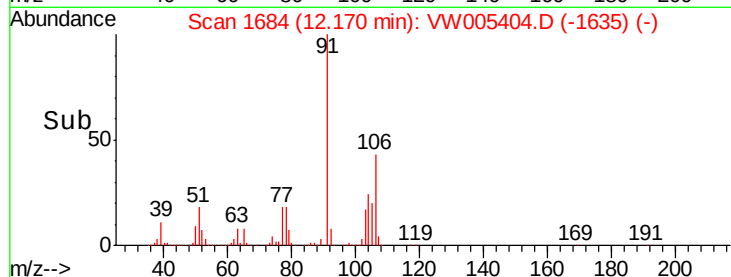
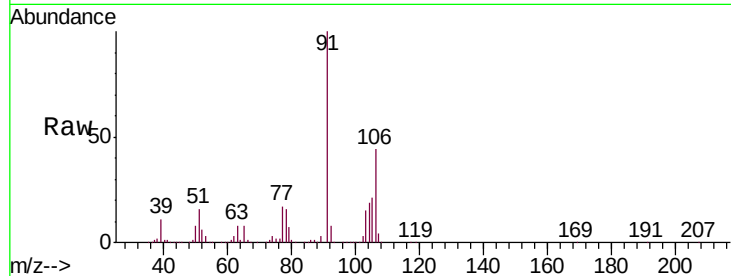




#69
o-Xylene
Concen: 69.480 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

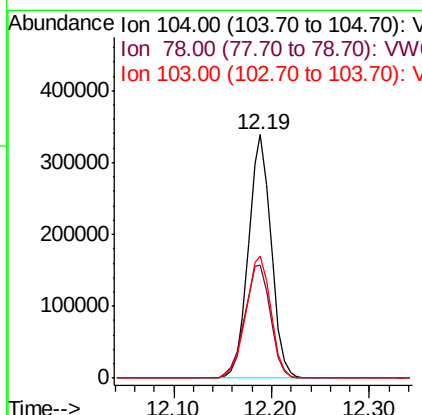
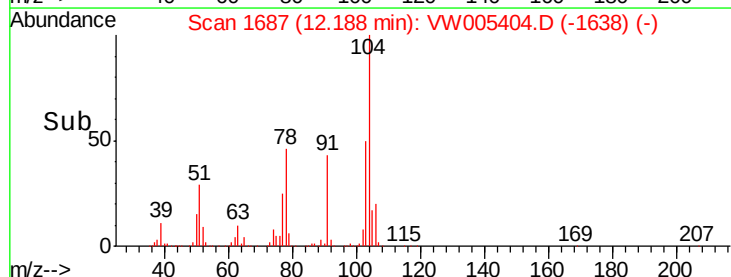
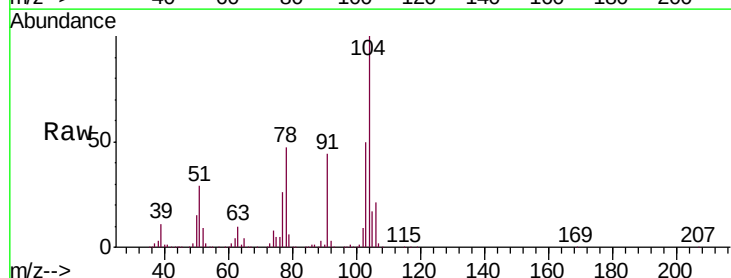
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

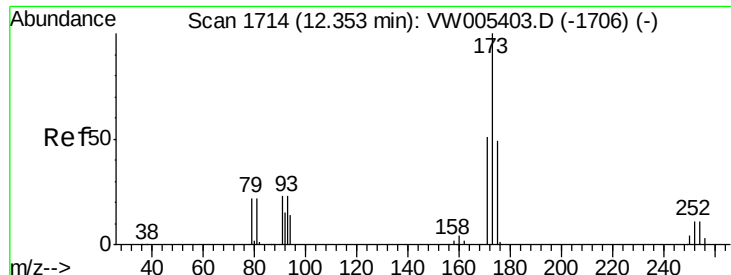
Tgt Ion:106 Resp: 321871
Ion Ratio Lower Upper
106 100
91 221.9 110.6 331.6



#70
Styrene
Concen: 71.732 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion:104 Resp: 543945
Ion Ratio Lower Upper
104 100
78 52.8 42.4 63.6
103 55.1 44.8 67.2





#71

Bromoform

Concen: 71.787 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

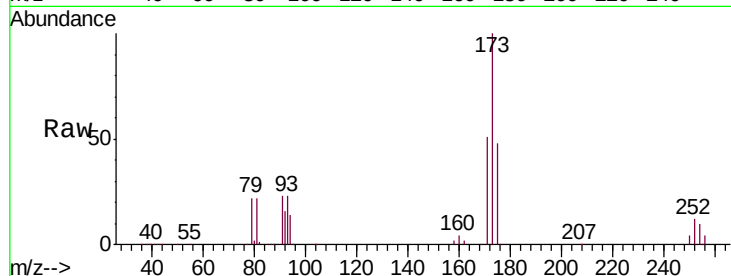
Tgt Ion:173 Resp: 83533

Ion Ratio Lower Upper

173 100

175 48.4 24.2 72.6

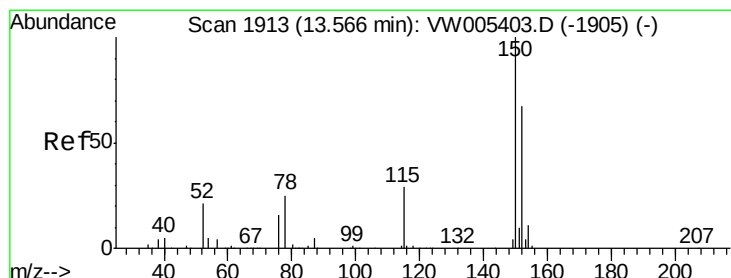
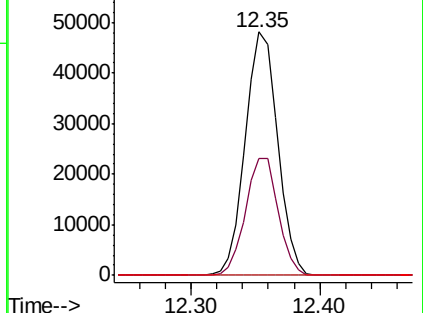
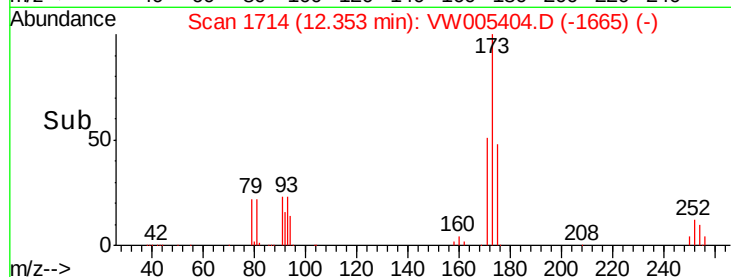
254 0.1 0.0 0.0#



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: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

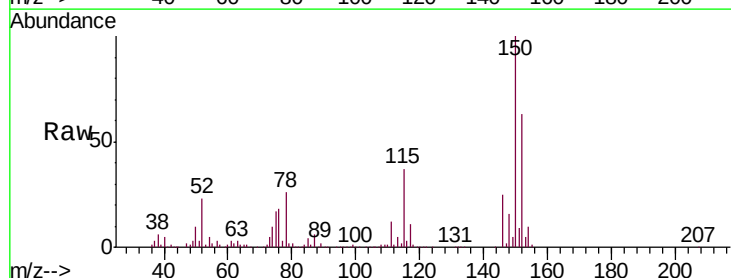
Tgt Ion:152 Resp: 173630

Ion Ratio Lower Upper

152 100

115 58.2 29.5 88.5

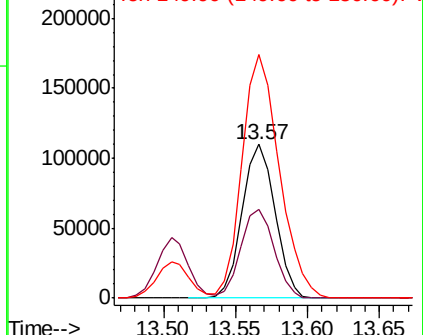
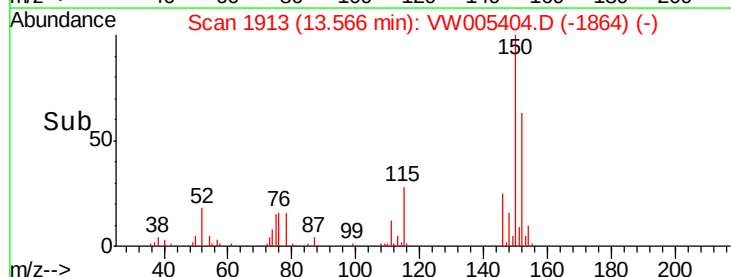
150 180.0 0.0 345.6

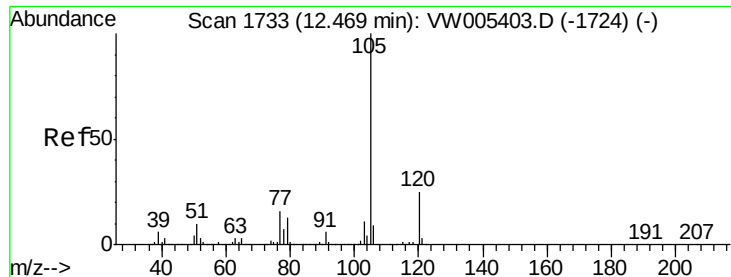


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 73.058 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

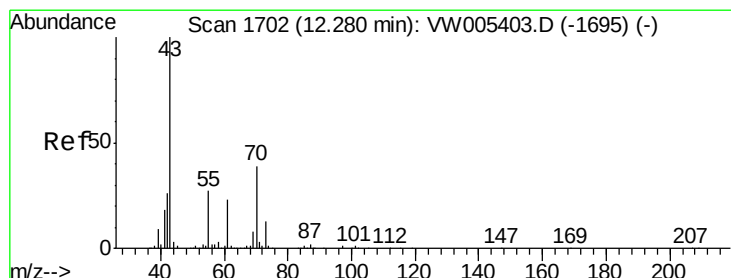
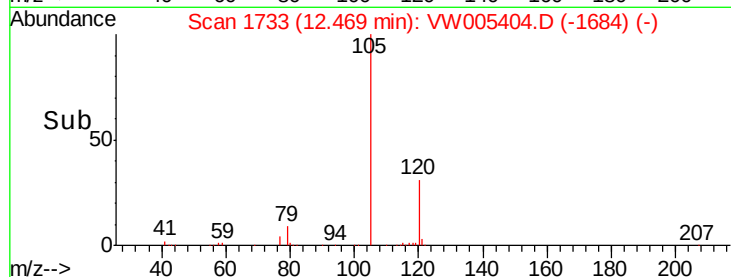
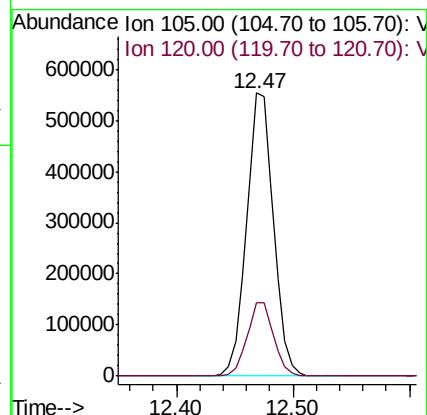
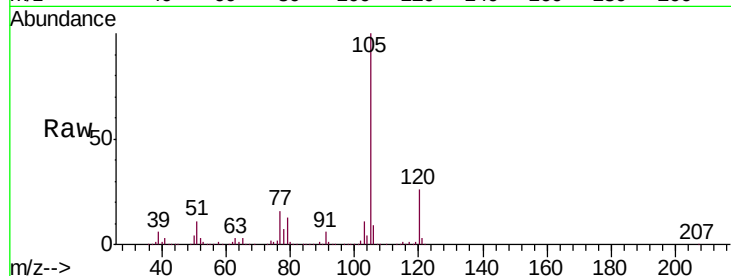
VSTDIC075

Tgt Ion: 105 Resp: 890811

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6



#74

N-ethyl acetate

Concen: 80.774 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Tgt Ion: 43 Resp: 191302

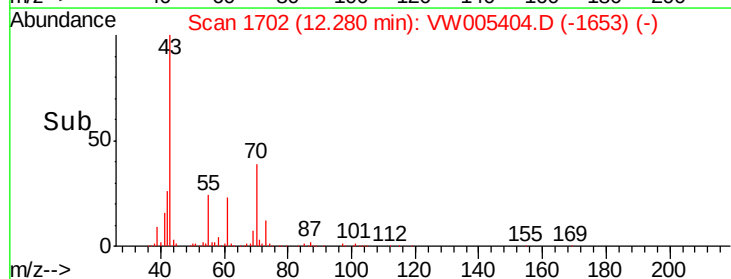
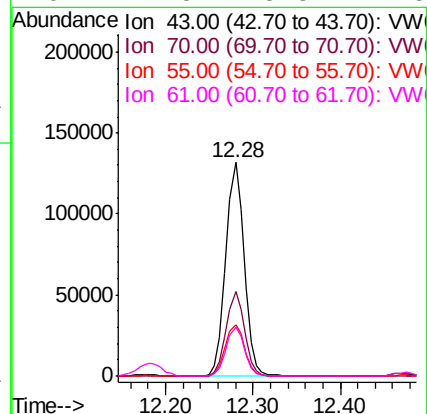
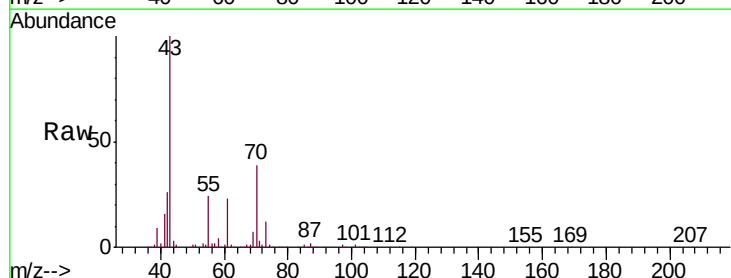
Ion Ratio Lower Upper

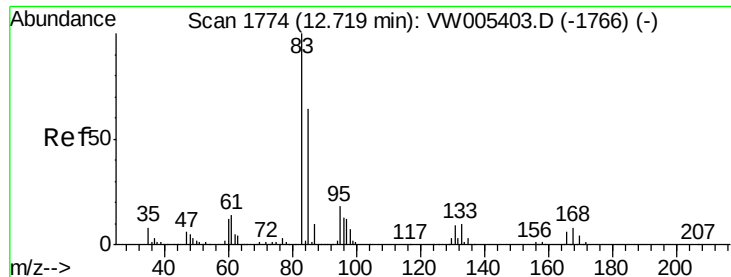
43 100

70 39.4 31.9 47.9

55 25.5 21.4 32.0

61 22.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 67.767 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

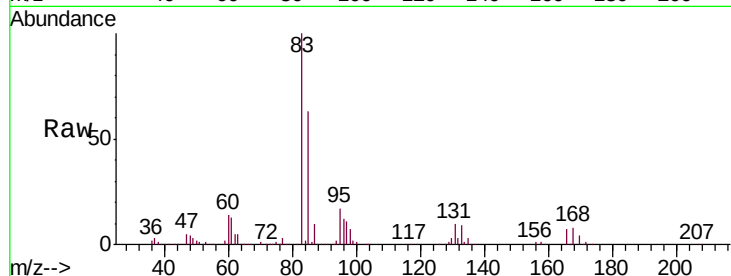
Tgt Ion: 83 Resp: 123617

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

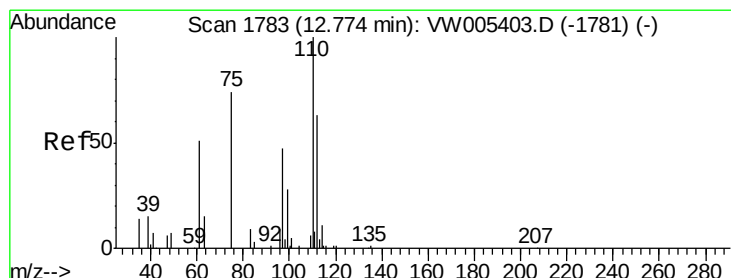
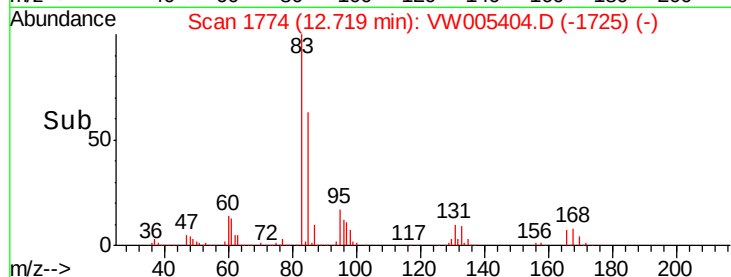
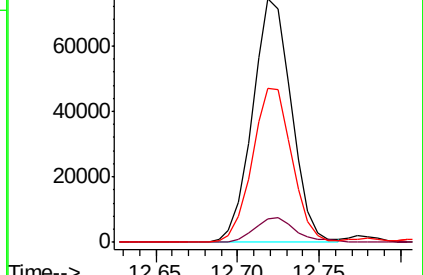
85 64.5 31.6 95.0



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: 137.635 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005404.D

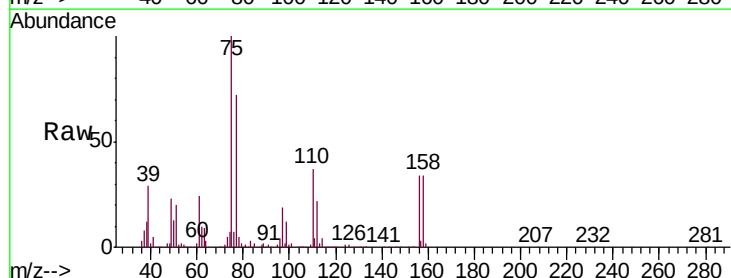
Acq: 15 Sep 2018 00:31

Tgt Ion: 75 Resp: 183429

Ion Ratio Lower Upper

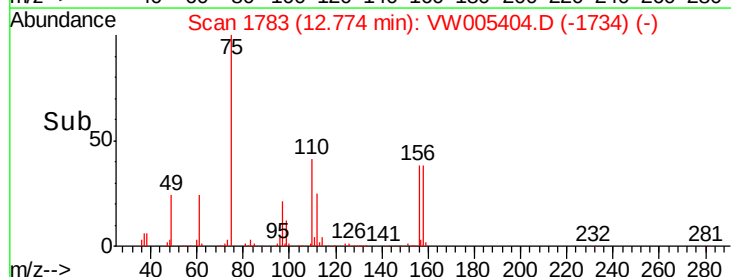
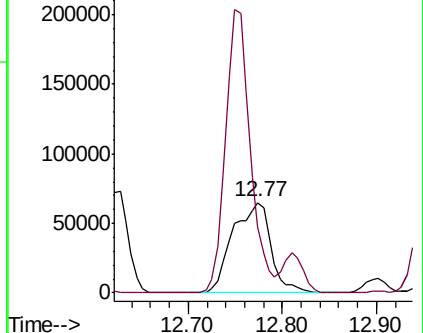
75 100

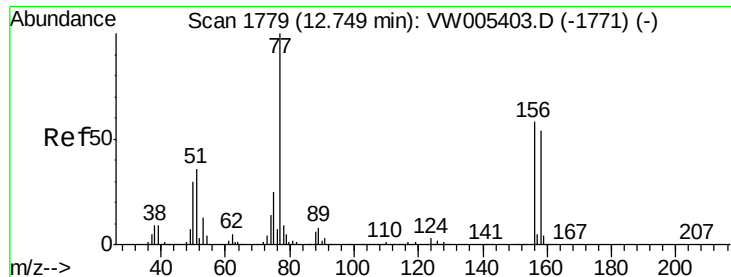
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 70.123 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

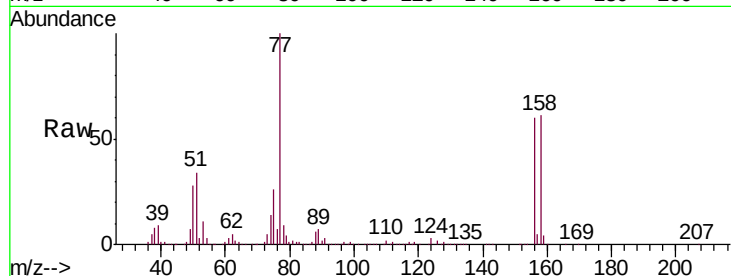
Tgt Ion:156 Resp: 202334

Ion Ratio Lower Upper

156 100

77 184.8 92.8 278.3

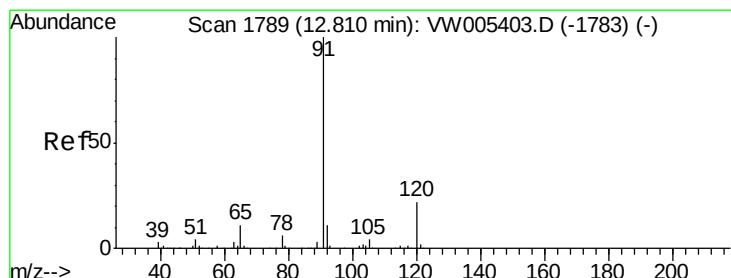
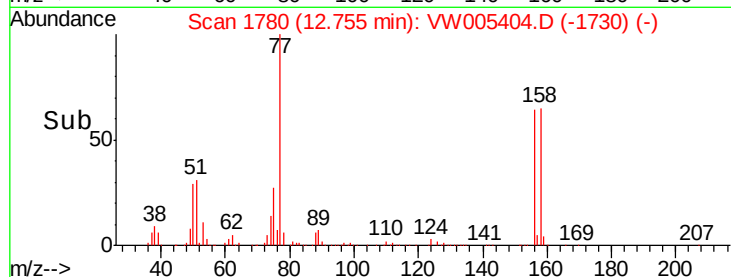
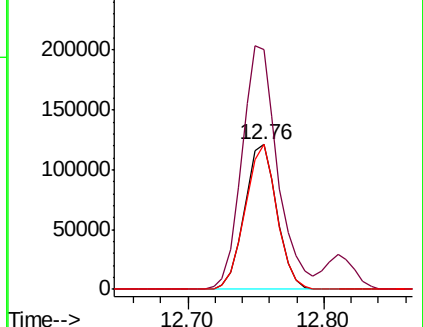
158 97.8 48.2 144.6



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: 72.588 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005404.D

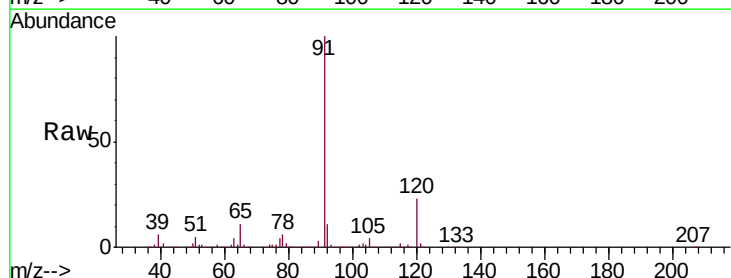
Acq: 15 Sep 2018 00:31

Tgt Ion: 91 Resp: 1070743

Ion Ratio Lower Upper

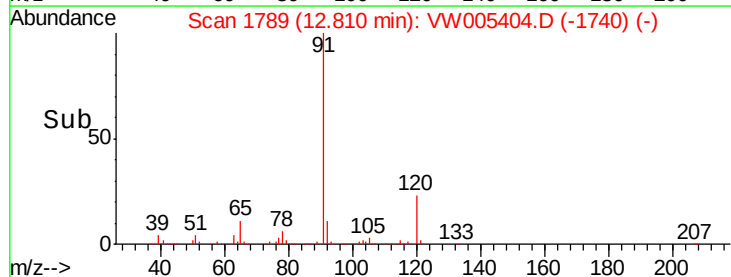
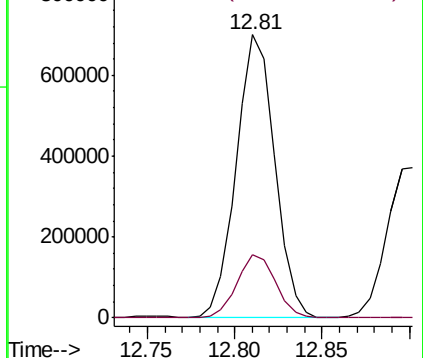
91 100

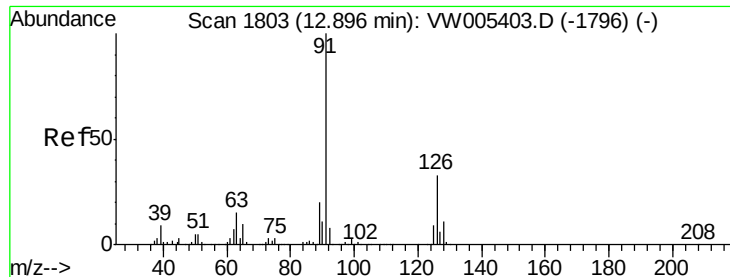
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 73.512 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

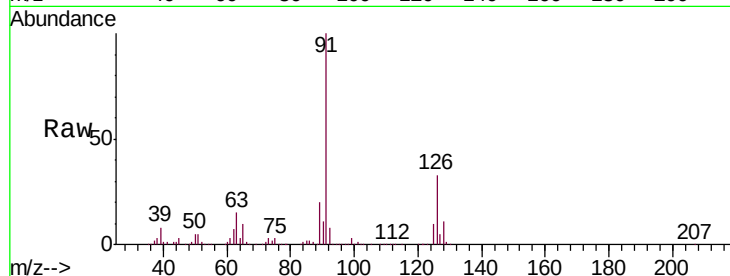
VSTDIC075

Tgt Ion: 91 Resp: 622889

Ion Ratio Lower Upper

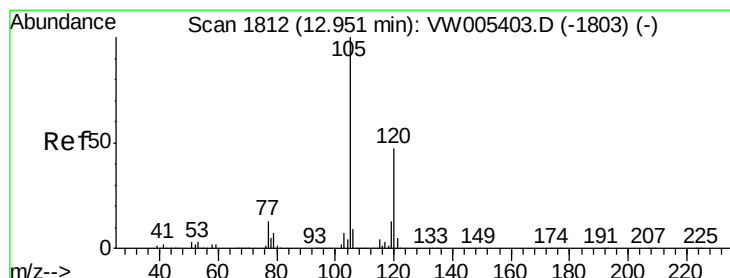
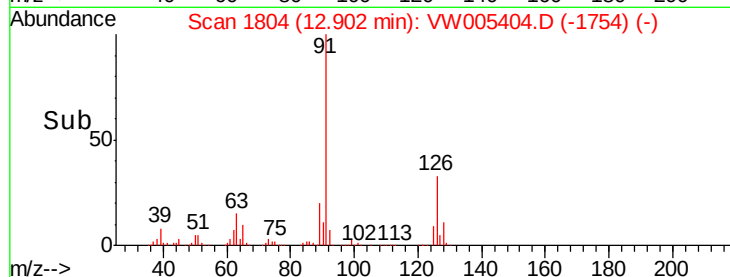
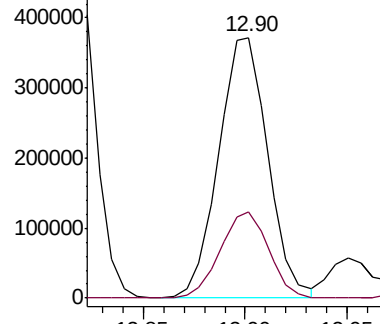
91 100

126 32.7 16.4 49.1



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: 74.595 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005404.D

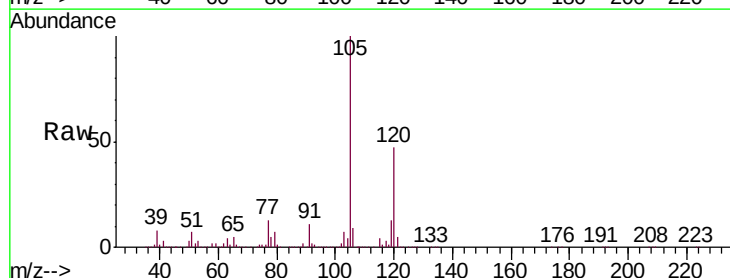
Acq: 15 Sep 2018 00:31

Tgt Ion: 105 Resp: 783721

Ion Ratio Lower Upper

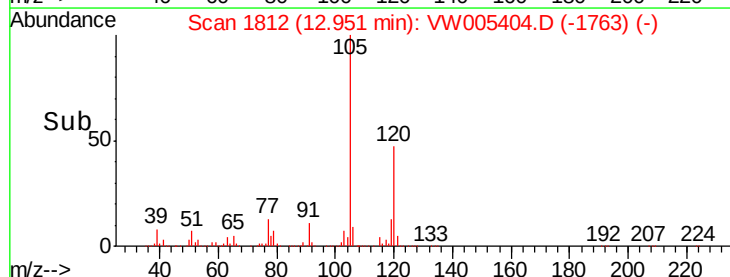
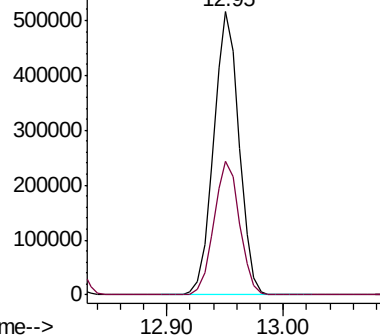
105 100

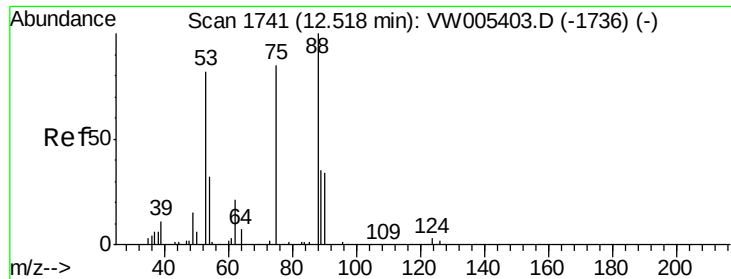
120 47.5 23.5 70.5



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: 68.819 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

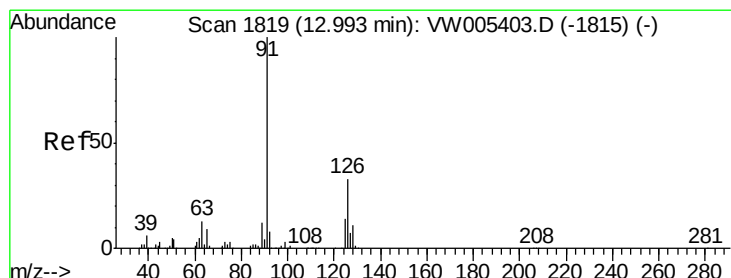
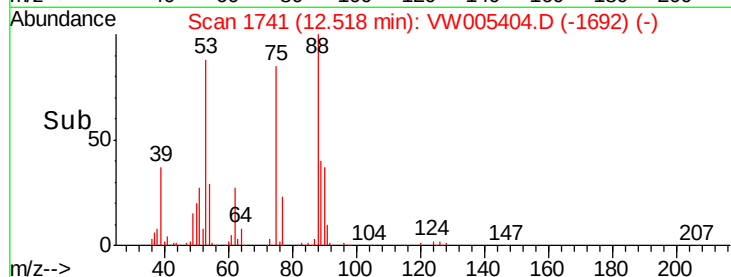
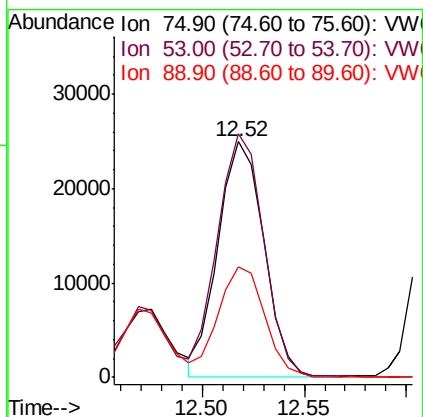
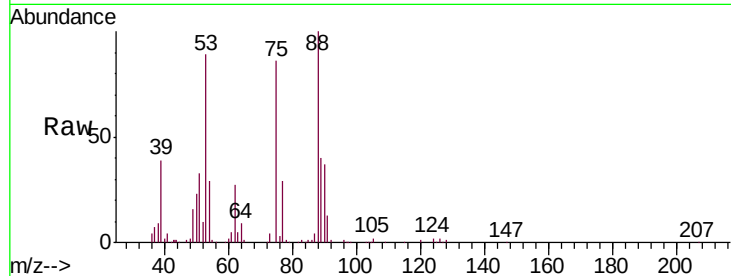
Tgt Ion: 75 Resp: 38868

Ion Ratio Lower Upper

75 100

53 105.0 83.2 124.8

89 47.8 36.6 54.8



#82

4-Chlorotoluene

Concen: 73.092 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW005404.D

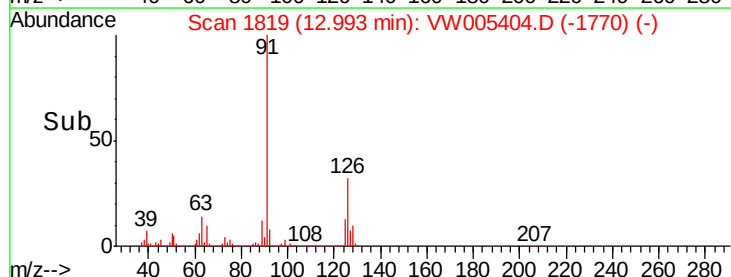
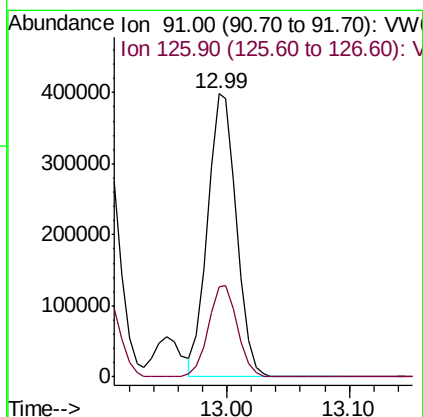
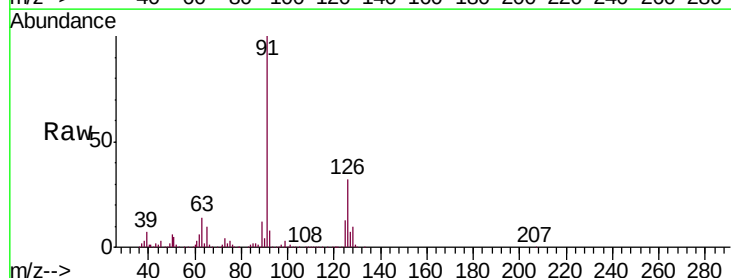
Acq: 15 Sep 2018 00:31

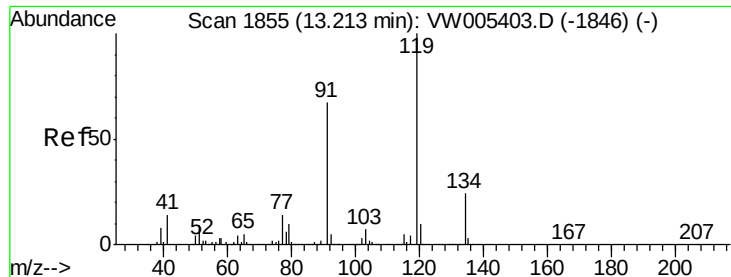
Tgt Ion: 91 Resp: 652424

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.1

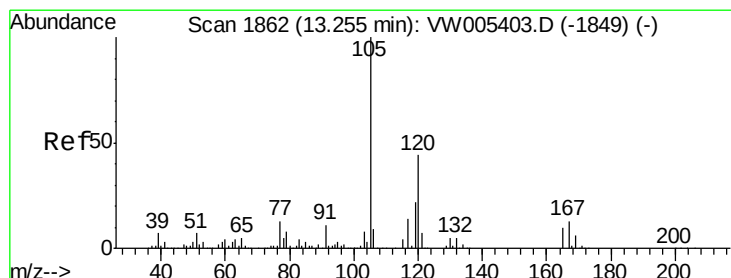
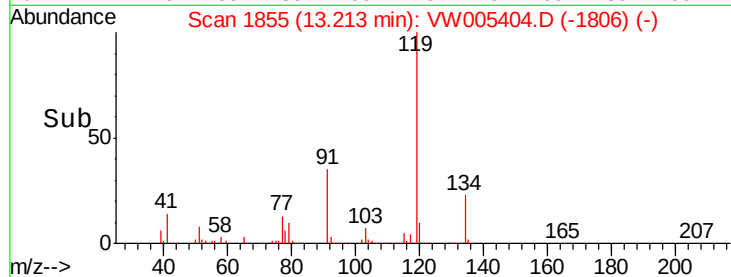
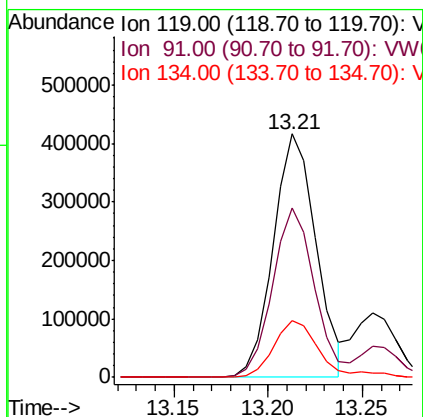
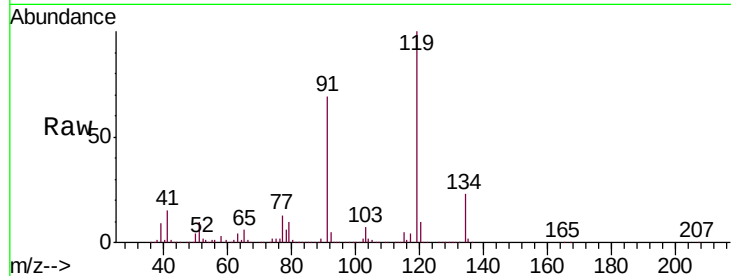




#83
 tert-Butylbenzene
 Concen: 71.564 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

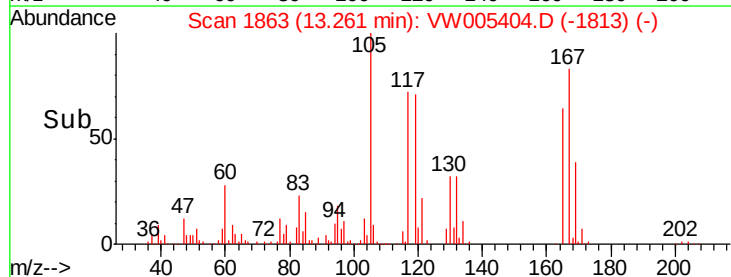
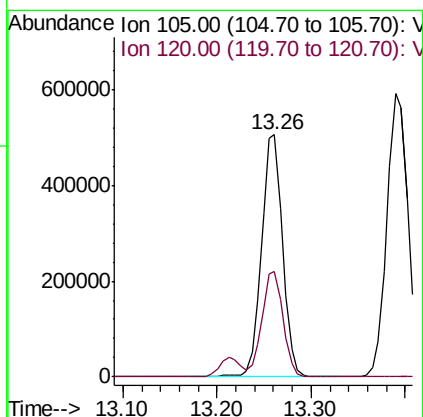
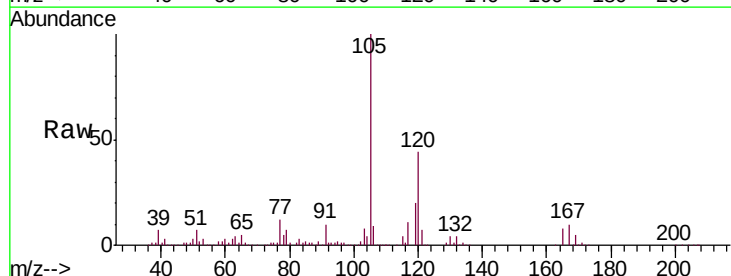
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

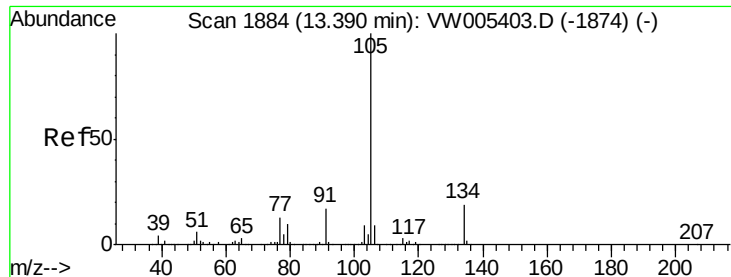
Tgt Ion:119 Resp: 652047
 Ion Ratio Lower Upper
 119 100
 91 68.8 34.4 103.2
 134 25.0 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 75.276 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion:105 Resp: 798378
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.8 65.3

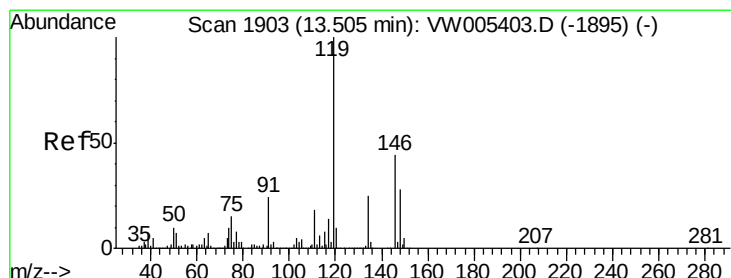
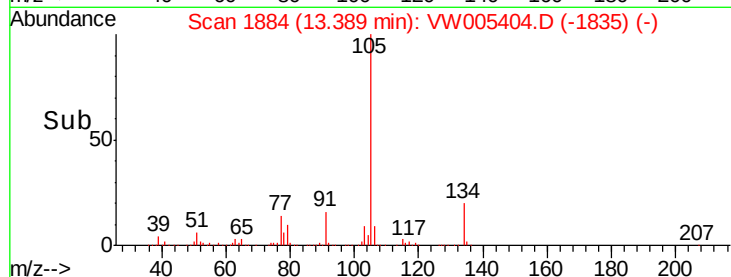
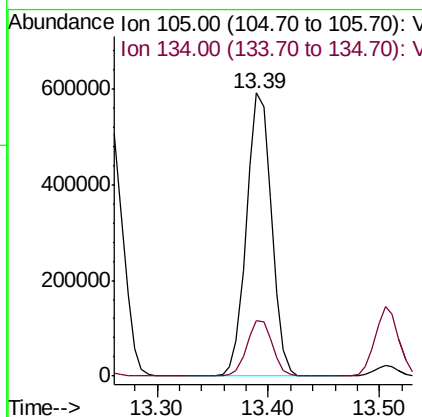
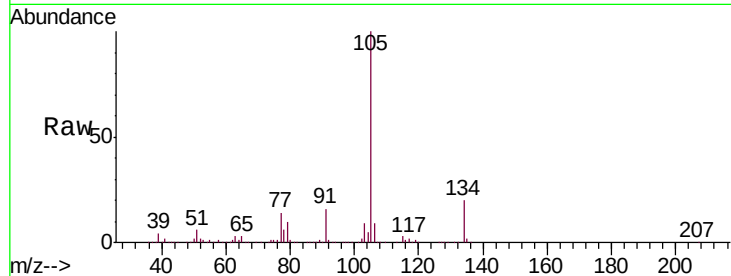




#85
 sec-Butylbenzene
 Concen: 70.619 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

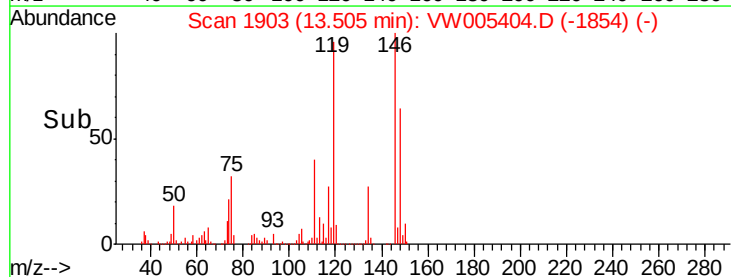
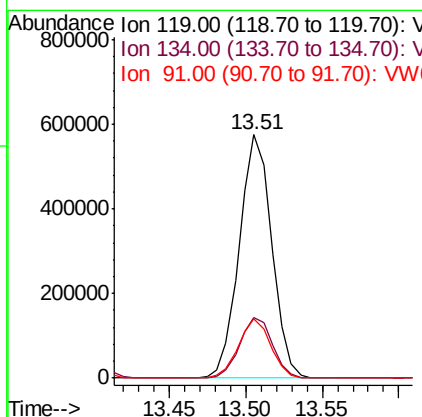
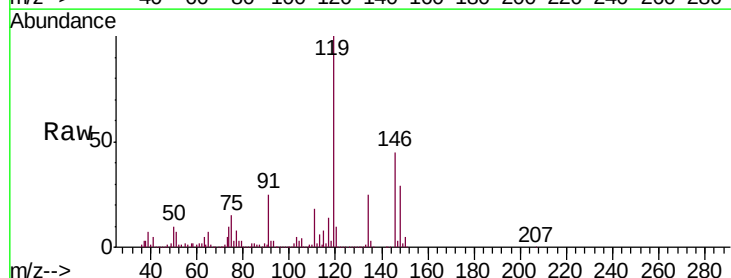
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

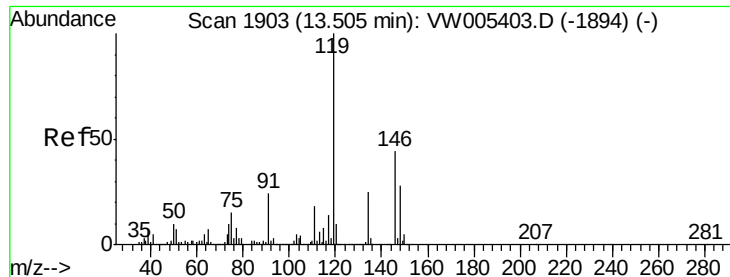
Tgt Ion:105 Resp: 923499
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 72.762 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion:119 Resp: 844085
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.1 12.0 36.0

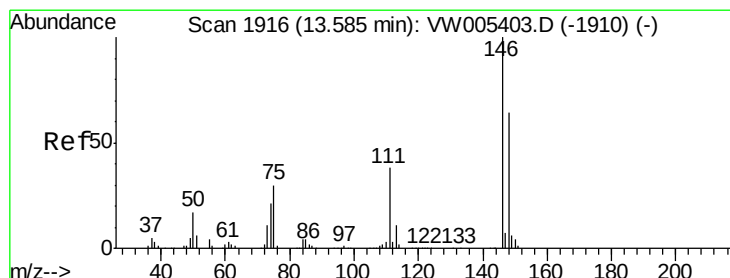
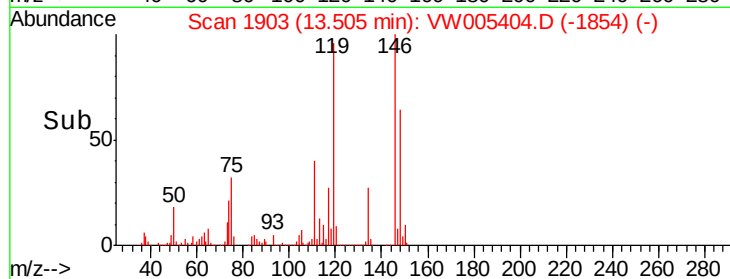
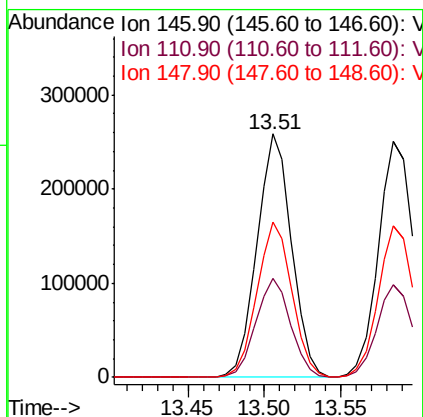
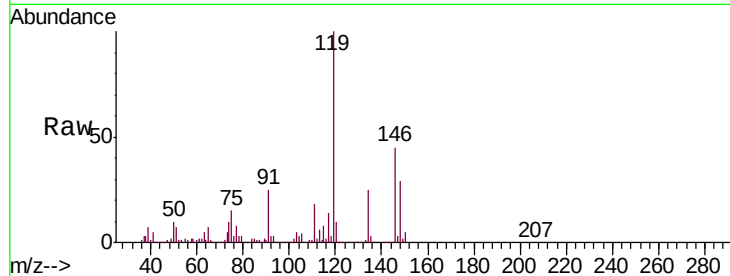




#87
 1,3-Dichlorobenzene
 Concen: 67.742 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

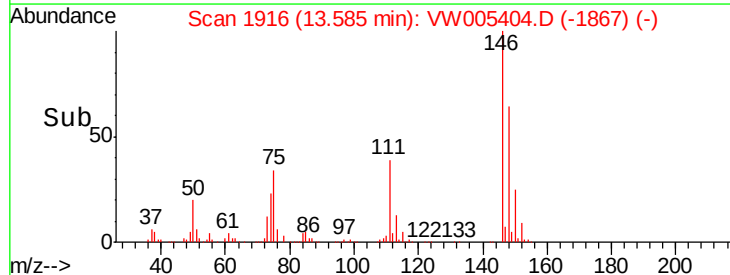
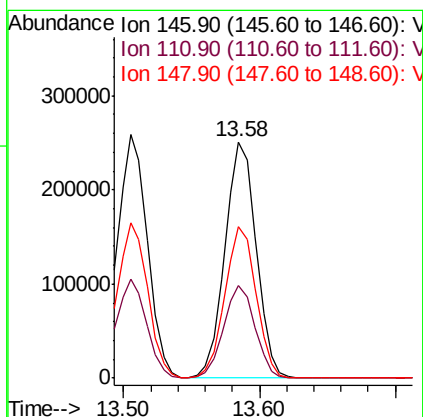
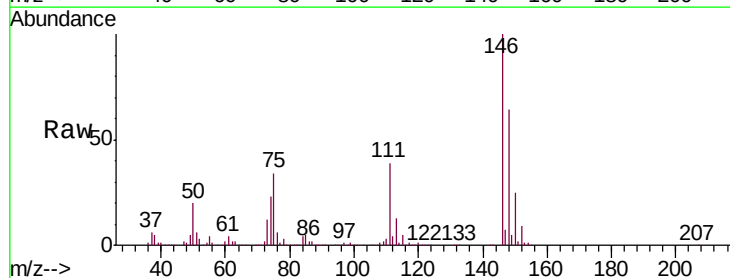
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

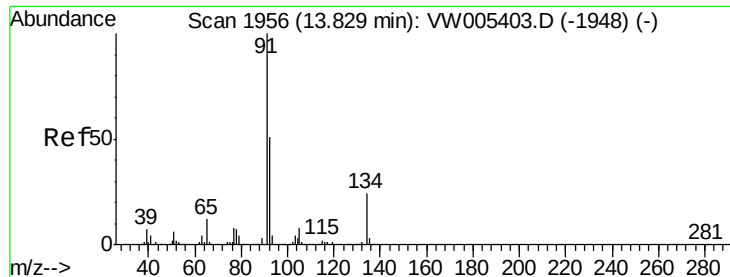
Tgt Ion:146 Resp: 407834
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.4 61.2
 148 64.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 67.179 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion:146 Resp: 399756
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.6 58.8
 148 64.1 31.8 95.4





#89

n-Butylbenzene

Concen: 72.100 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005404.D

Acq: 15 Sep 2018 00:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

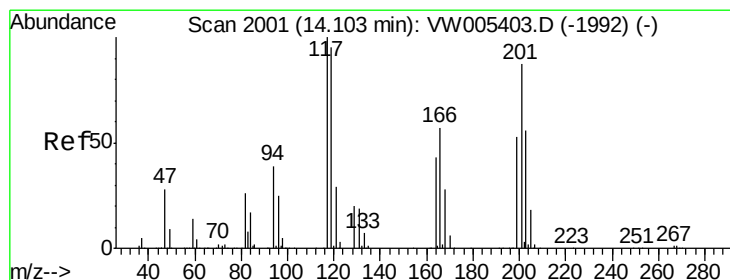
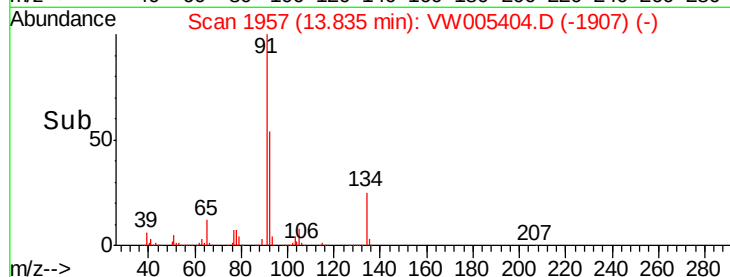
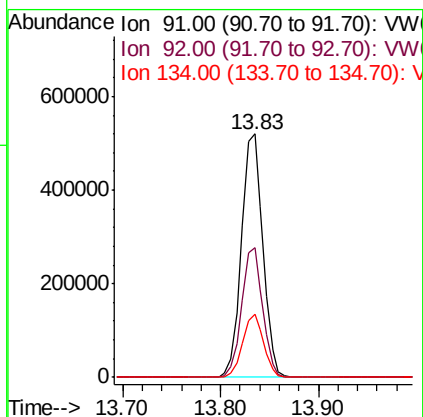
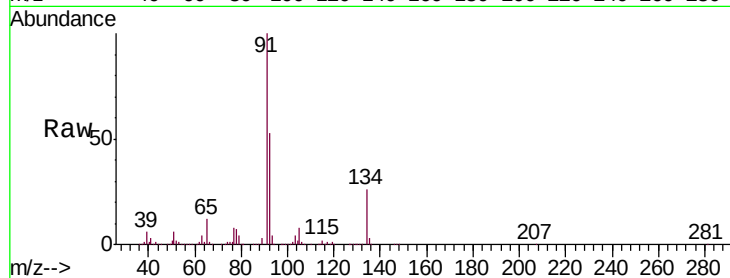
Tgt Ion: 91 Resp: 786174

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.6

134 25.4 12.7 38.1



#90

Hexachloroethane

Concen: 73.190 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005404.D

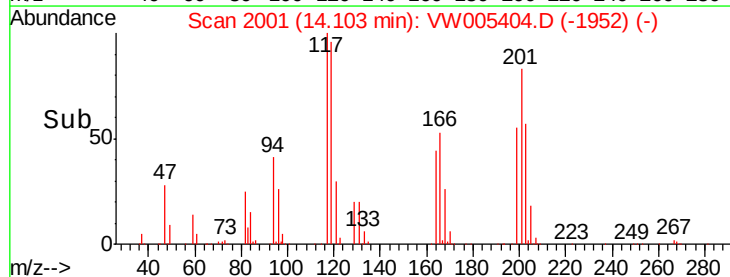
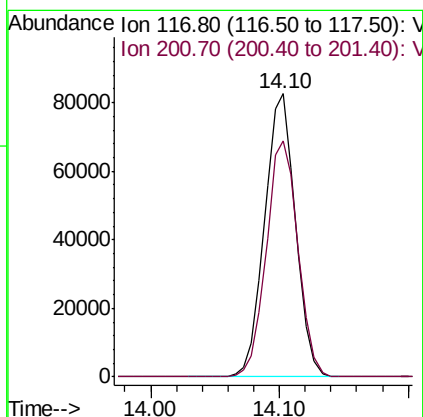
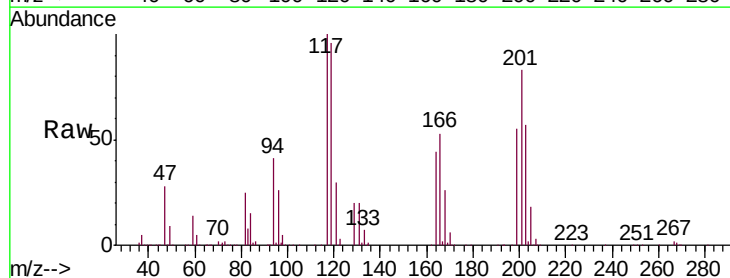
Acq: 15 Sep 2018 00:31

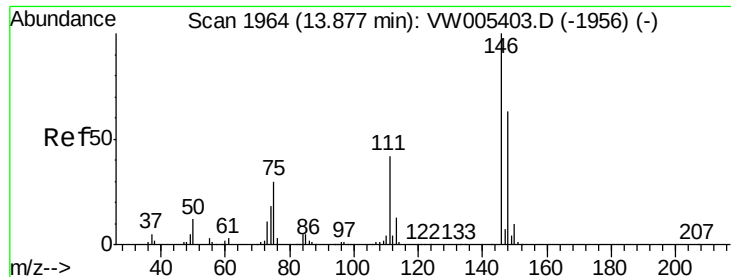
Tgt Ion: 117 Resp: 137520

Ion Ratio Lower Upper

117 100

201 85.5 42.5 127.5

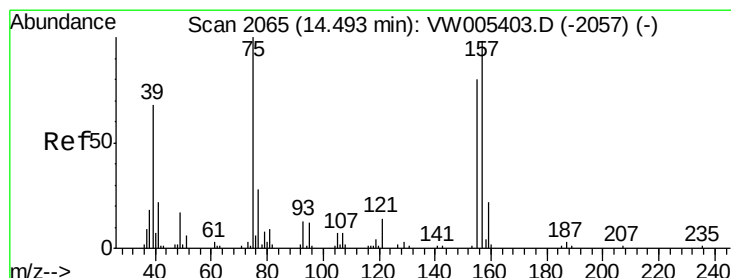
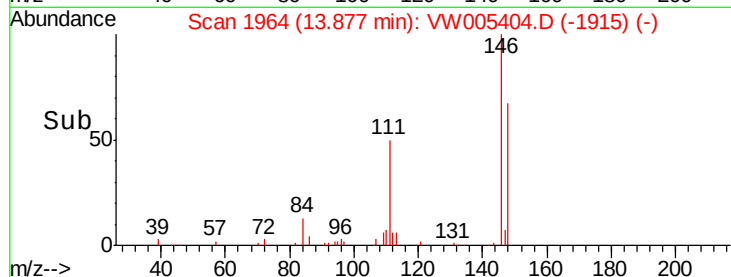
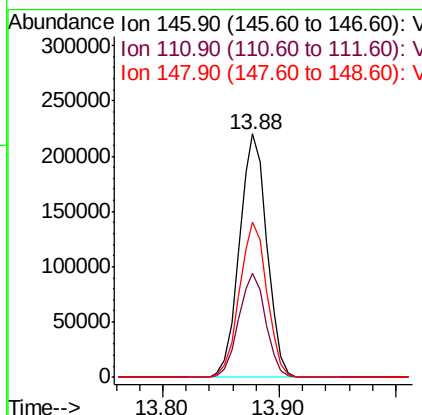
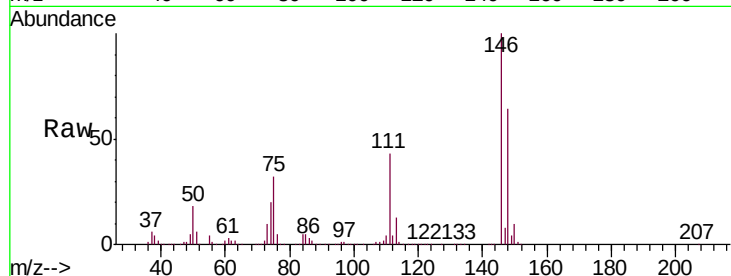




#91
 1,2-Dichlorobenzene
 Concen: 67.889 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

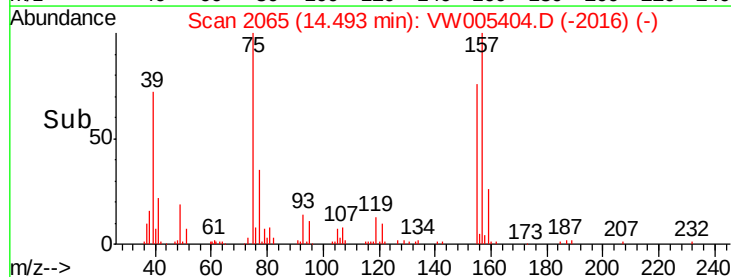
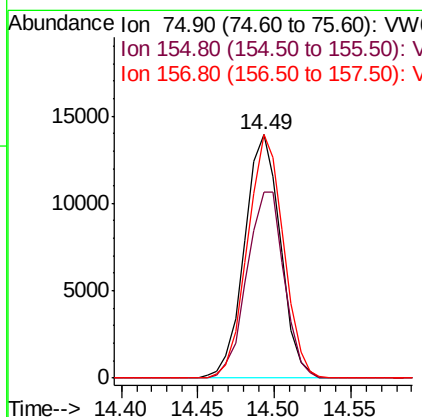
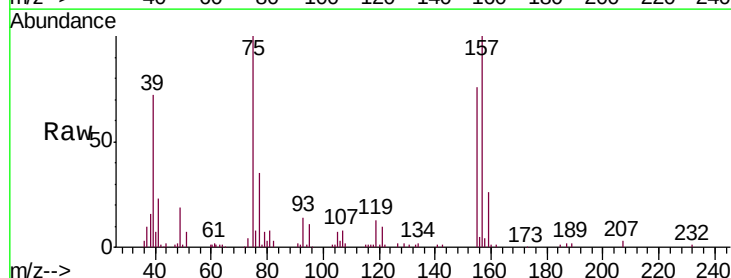
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

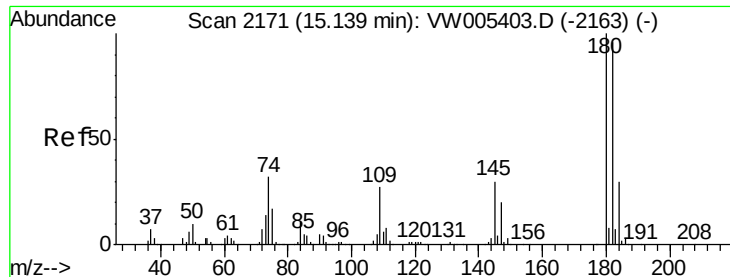
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.0	63.0
148	63.9	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 73.447 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.1	39.0	117.0
157	99.9	49.9	149.6

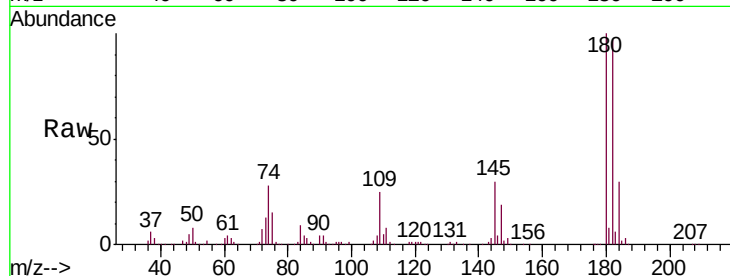




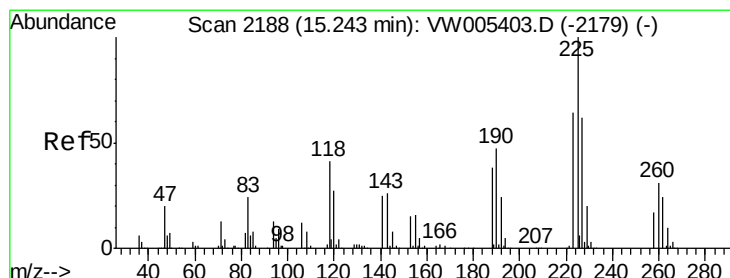
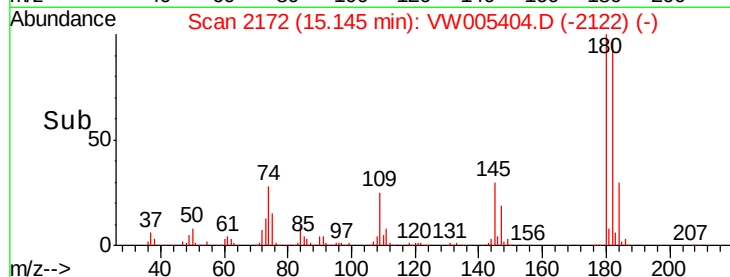
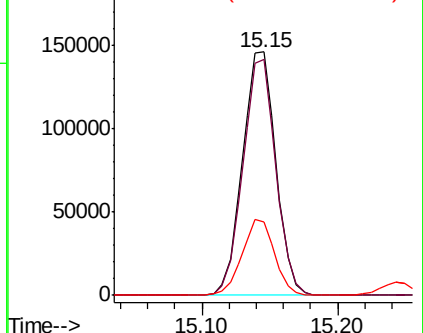
#93
 1,2,4-Trichlorobenzene
 Concen: 67.051 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.01 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tgt Ion:180 Resp: 250877
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 141.9
 145 30.3 14.8 44.3

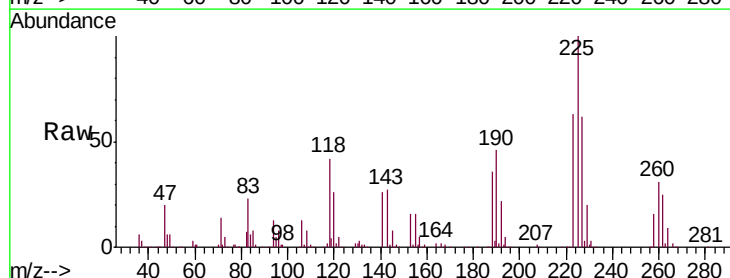


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

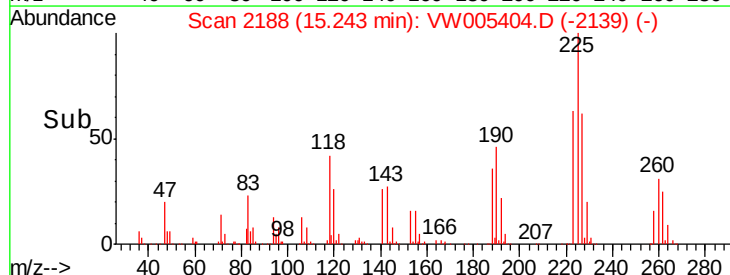
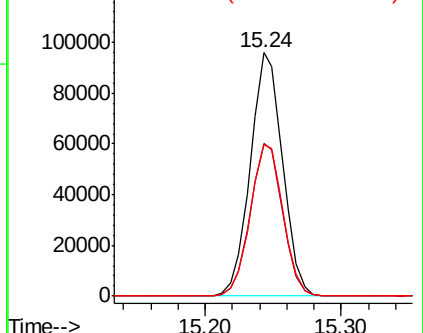


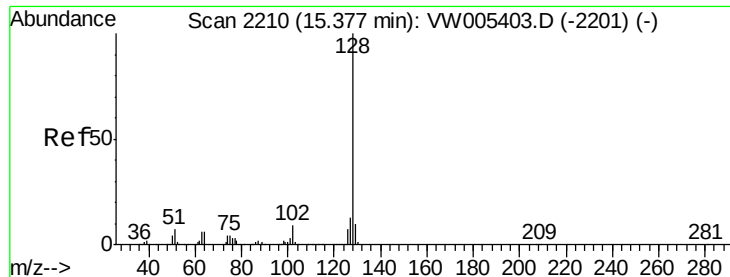
#94
 Hexachlorobutadiene
 Concen: 66.645 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW005404.D
 Acq: 15 Sep 2018 00:31

Tgt Ion:225 Resp: 159622
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.2 93.6
 227 63.5 31.6 95.0



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

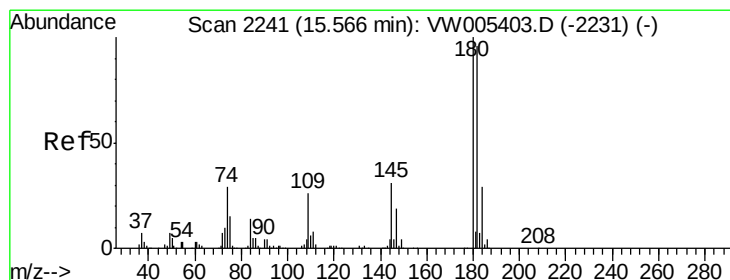
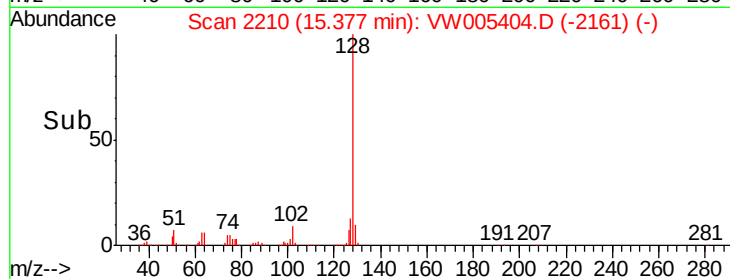
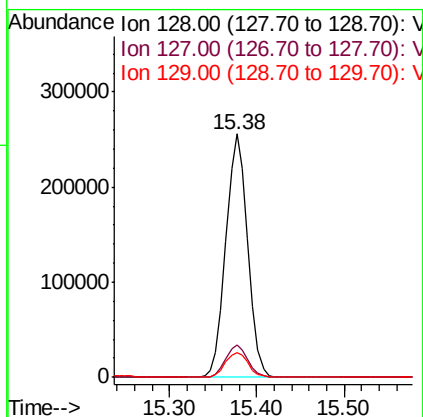
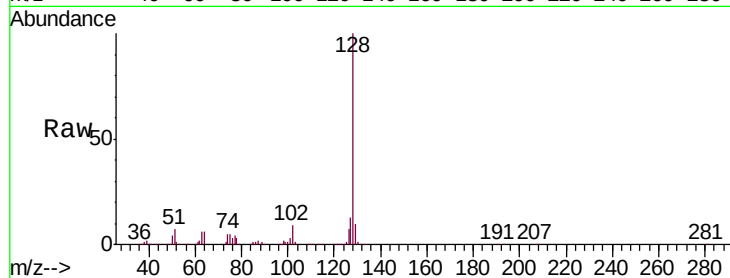




#95
Naphthalene
Concen: 72.833 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	11.0	16.4
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 68.098 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005404.D
Acq: 15 Sep 2018 00:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.1	144.4
145	31.9	15.9	47.7

