

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082918\
 Data File : VW004998.D
 Acq On : 29 Aug 2018 12:36
 Operator : SY/AP
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Aug 30 01:21:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:20:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	520527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	724055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	764074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	439843	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	36952	10.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.76%	
35) Dibromofluoromethane	7.89	113	36201	10.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.18%	
50) Toluene-d8	10.33	98	192693	9.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.56%	
62) 4-Bromofluorobenzene	12.62	95	71111	9.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	50452	11.219	ug/l	98
3) Chloromethane	2.22	50	66444	10.404	ug/l	97
4) Vinyl Chloride	2.36	62	67288	10.555	ug/l	99
5) Bromomethane	2.77	94	45724	10.973	ug/l	92
6) Chloroethane	2.92	64	39481	10.473	ug/l	95
7) Trichlorofluoromethane	3.26	101	68043	10.323	ug/l	98
8) Diethyl Ether	3.69	74	18583	9.915	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42754	10.509	ug/l	100
10) Methyl Iodide	4.28	142	46280	8.317	ug/l	99
11) Tert butyl alcohol	5.20	59	13569	63.844	ug/l #	73
12) 1,1-Dichloroethene	4.04	96	38017	10.002	ug/l	93
13) Acrolein	3.91	56	14636	48.206	ug/l	96
14) Allyl chloride	4.67	41	55677	9.513	ug/l	99
15) Acrylonitrile	5.39	53	46148	48.284	ug/l	100
16) Acetone	4.14	43	41034	51.103	ug/l	100
17) Carbon Disulfide	4.38	76	157652	9.868	ug/l	98
18) Methyl Acetate	4.68	43	19049	9.794	ug/l	99
19) Methyl tert-butyl Ether	5.44	73	76502	9.366	ug/l	98
20) Methylene Chloride	4.92	84	75915	11.220	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	40968	9.927	ug/l	95
22) Diisopropyl ether	6.32	45	106993	8.955	ug/l	96
23) Vinyl Acetate	6.26	43	276528	45.269	ug/l	100
24) 1,1-Dichloroethane	6.22	63	71544	9.897	ug/l	99
25) 2-Butanone	7.18	43	64058	51.158	ug/l	98
26) 2,2-Dichloropropane	7.17	77	66962	10.553	ug/l	97
27) cis-1,2-Dichloroethene	7.18	96	43887	9.775	ug/l	97
28) Bromochloromethane	7.53	49	30903	9.722	ug/l	98
29) Tetrahydrofuran	7.54	42	31347	49.557	ug/l	100
30) Chloroform	7.68	83	72033	10.131	ug/l	98
31) Cyclohexane	7.96	56	74286	9.696	ug/l #	84
32) 1,1,1-Trichloroethane	7.88	97	66586	10.177	ug/l	99
36) 1,1-Dichloropropene	8.09	75	56712	9.244	ug/l	100
37) Ethyl Acetate	7.26	43	22442	10.149	ug/l	99
38) Carbon Tetrachloride	8.07	117	60164	10.133	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	74120	8.764	ug/l	99
40) Benzene	8.33	78	186626	9.503	ug/l	99
41) Methacrylonitrile	7.49	41	14356	11.140	ug/l	87
42) 1,2-Dichloroethane	8.41	62	44751	10.241	ug/l	99
43) Isopropyl Acetate	8.43	43	41463	9.423	ug/l	98
44) Trichloroethene	9.10	130	48142	9.598	ug/l	98
45) 1,2-Dichloropropane	9.37	63	43208	9.617	ug/l	100
46) Dibromomethane	9.46	93	21439	10.082	ug/l	99
47) Bromodichloromethane	9.65	83	51944	9.886	ug/l	99
48) Methyl methacrylate	9.45	41	20202	8.647	ug/l #	89
49) 1,4-Dioxane	9.48	88	8337	188.921	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	157169	47.692	ug/l	99
52) Toluene	10.40	92	140368	9.634	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	49622	8.843	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	60551	9.253	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	33142	9.522	ug/l	97
56) Ethyl methacrylate	10.65	69	40807	8.938	ug/l	97
57) 1,3-Dichloropropane	10.94	76	55111	9.622	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	86489	43.971	ug/l	100
59) 2-Hexanone	10.98	43	114788	48.108	ug/l	97
60) Dibromochloromethane	11.13	129	35626	9.326	ug/l	99
61) 1,2-Dibromoethane	11.24	107	31135	9.541	ug/l	98
64) Tetrachloroethene	10.87	164	54159	9.722	ug/l	96
65) Chlorobenzene	11.66	112	163075	9.714	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	43044	9.336	ug/l	99
67) Ethyl Benzene	11.74	91	266886	9.285	ug/l	100
68) m/p-Xylenes	11.85	106	218837	18.666	ug/l	98
69) o-Xylene	12.17	106	95540	8.918	ug/l	96
70) Styrene	12.19	104	159603	8.981	ug/l	99
71) Bromoform	12.35	173	23976	9.352	ug/l #	97
73) Isopropylbenzene	12.47	105	260539	8.886	ug/l	100
74) N-amyl acetate	12.28	43	49798	9.000	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	43104	9.709	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	56936	10.370	ug/l #	100
77) Bromobenzene	12.76	156	67630	9.401	ug/l	99
78) n-propylbenzene	12.81	91	320905	8.873	ug/l	100
79) 2-Chlorotoluene	12.90	91	191780	9.181	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	229592	8.863	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12615	9.152	ug/l	96
82) 4-Chlorotoluene	12.99	91	208736	9.379	ug/l	99
83) tert-Butylbenzene	13.21	119	193714	8.903	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	233277	8.875	ug/l	100
85) sec-Butylbenzene	13.39	105	287941	9.015	ug/l	99
86) p-Isopropyltoluene	13.51	119	252858	8.837	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	145459	9.538	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	145544	9.634	ug/l	97
89) n-Butylbenzene	13.84	91	232613	8.660	ug/l	99
90) Hexachloroethane	14.10	117	41244	9.169	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	129080	9.615	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7470	9.743	ug/l	97

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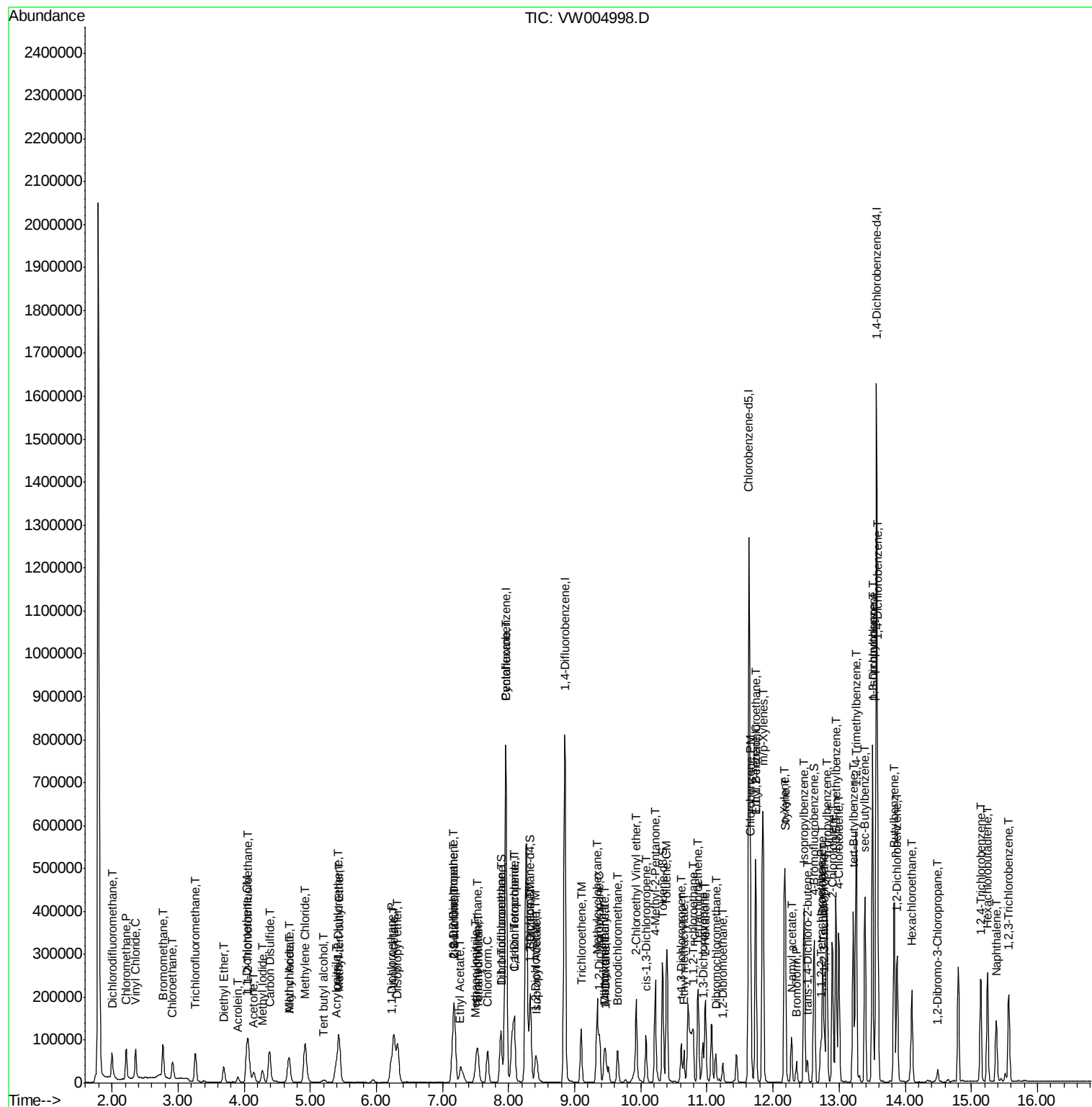
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	84306	8.964	ug/l	100
94) Hexachlorobutadiene	15.24	225	55893	9.494	ug/l	98
95) Naphthalene	15.38	128	129888	8.418	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	75698	9.111	ug/l	99

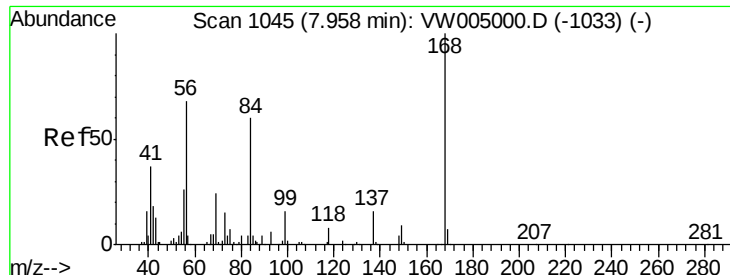
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampled :

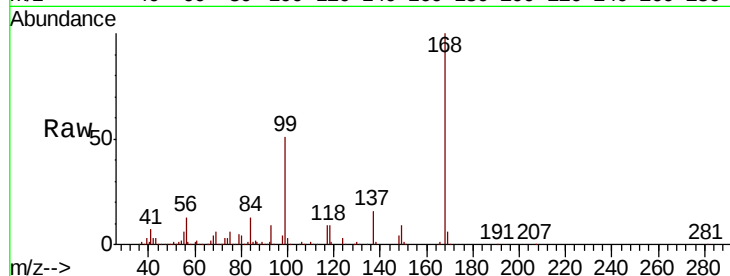
VSTDIC010

Tgt Ion:168 Resp: 520527

Ion Ratio Lower Upper

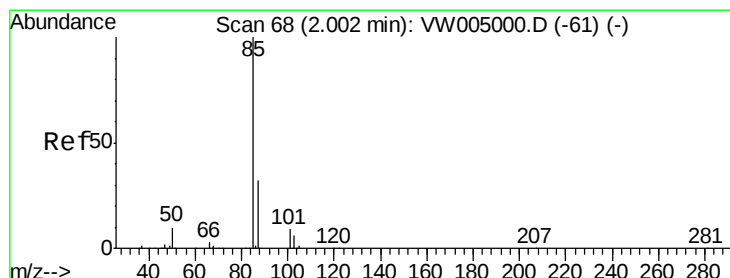
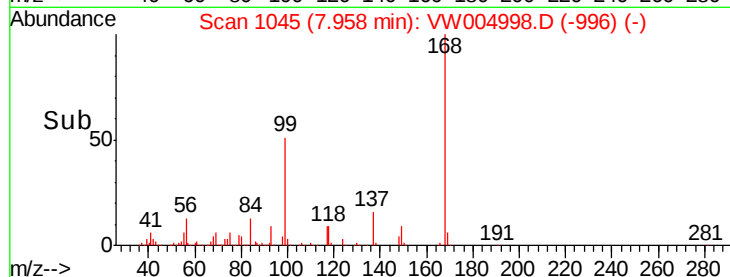
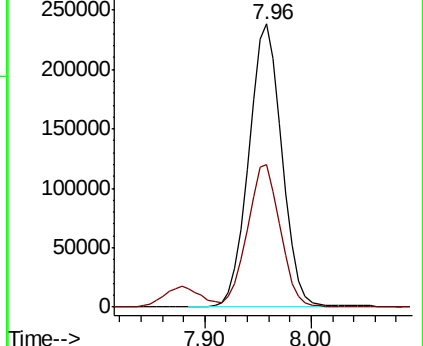
168 100

99 50.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 11.219 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW004998.D

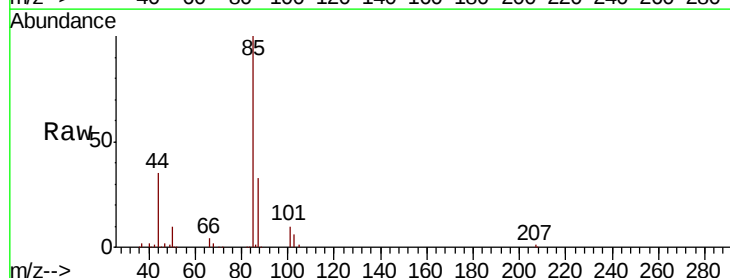
Acq: 29 Aug 2018 12:36

Tgt Ion: 85 Resp: 50452

Ion Ratio Lower Upper

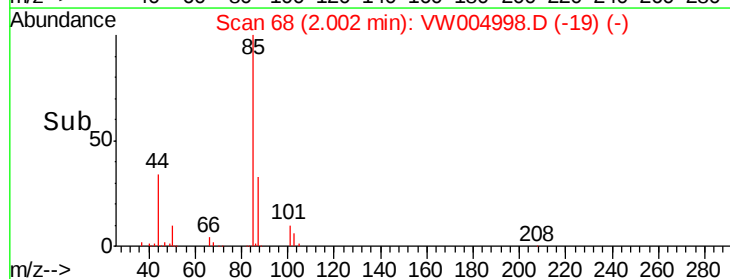
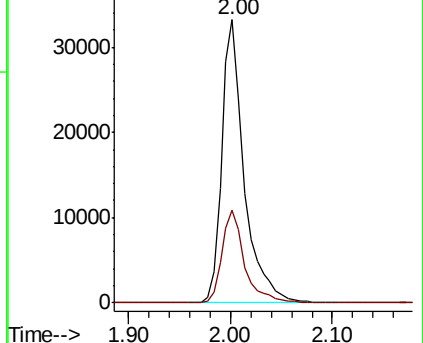
85 100

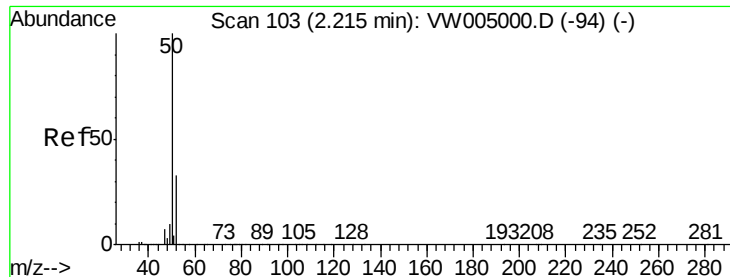
87 32.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 10.404 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

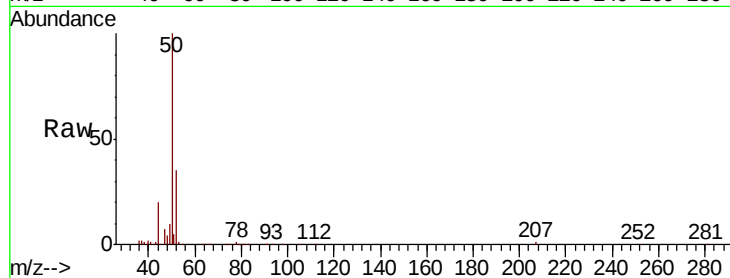
VSTDIC010

Tgt Ion: 50 Resp: 66444

Ion Ratio Lower Upper

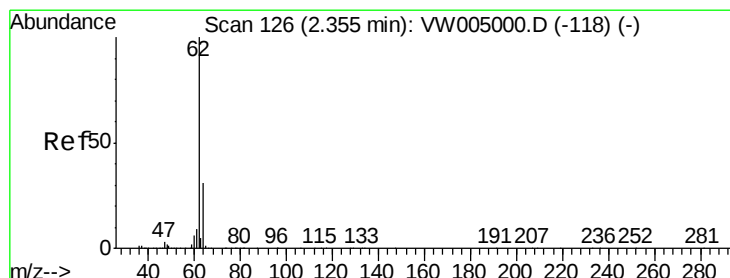
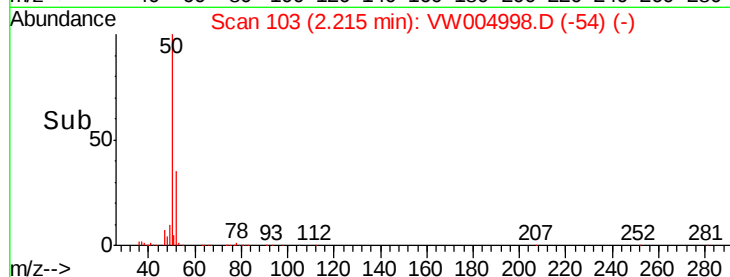
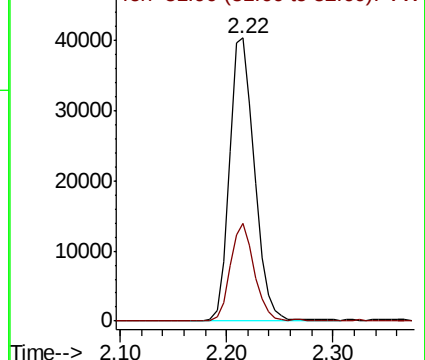
50 100

52 34.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 10.555 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW004998.D

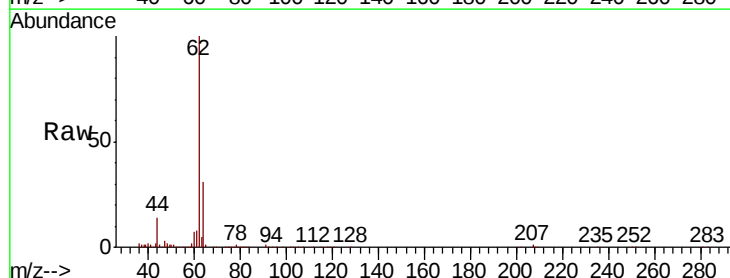
Acq: 29 Aug 2018 12:36

Tgt Ion: 62 Resp: 67288

Ion Ratio Lower Upper

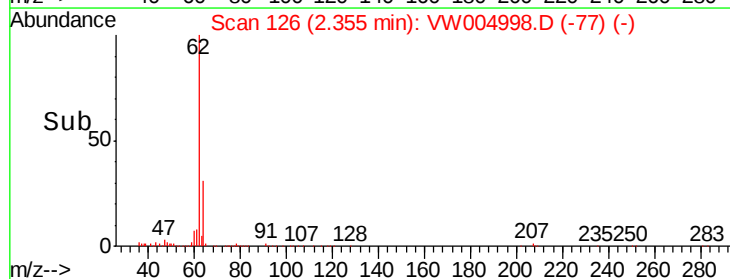
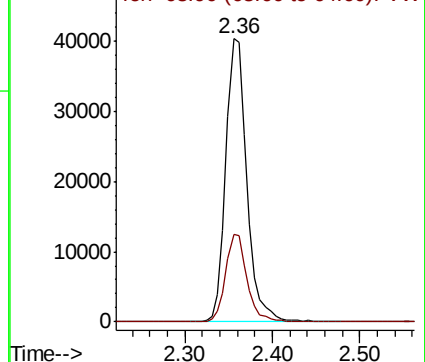
62 100

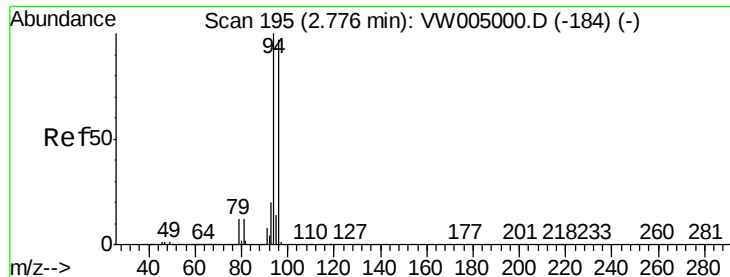
64 30.5 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 10.973 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

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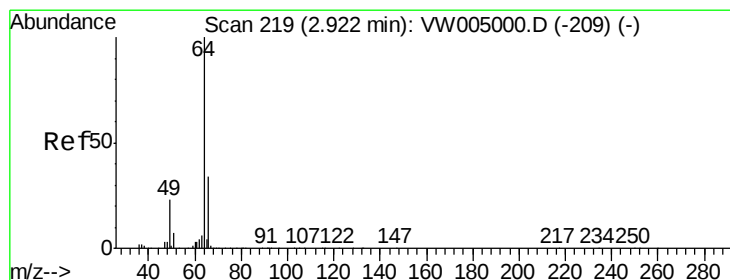
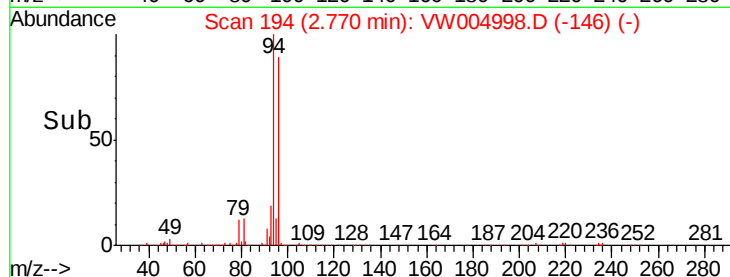
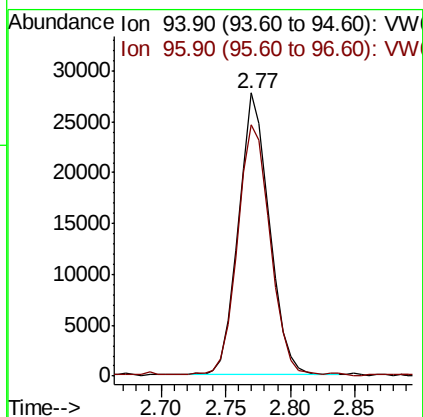
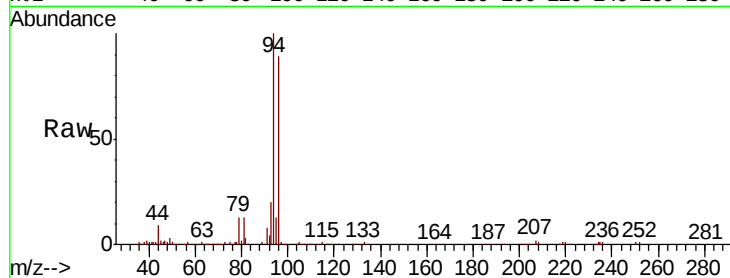
VSTDIC010

Tgt Ion: 94 Resp: 45724

Ion Ratio Lower Upper

94 100

96 88.9 77.5 116.3



#6

Chloroethane

Concen: 10.473 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW004998.D

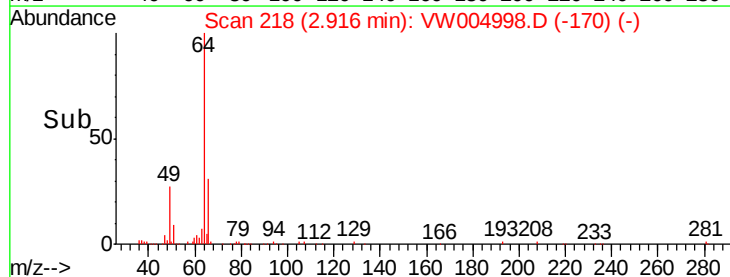
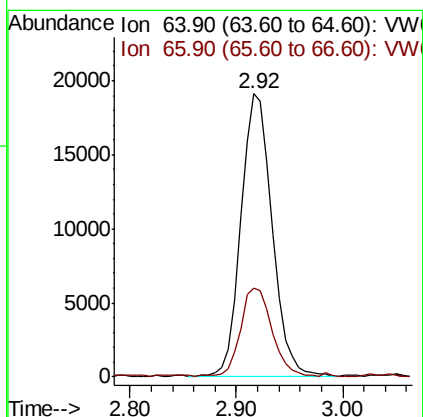
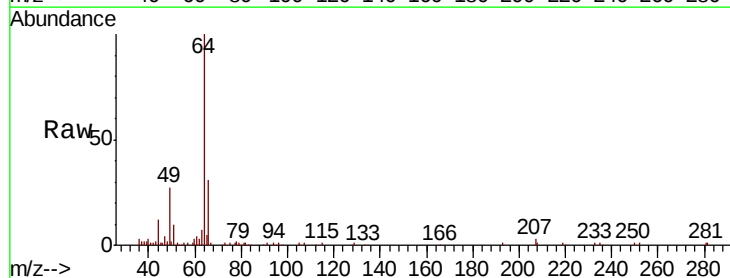
Acq: 29 Aug 2018 12:36

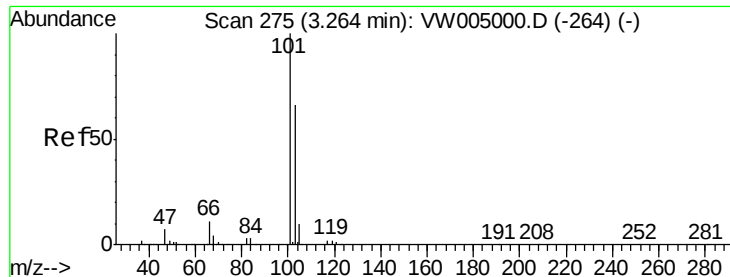
Tgt Ion: 64 Resp: 39481

Ion Ratio Lower Upper

64 100

66 30.9 26.8 40.2



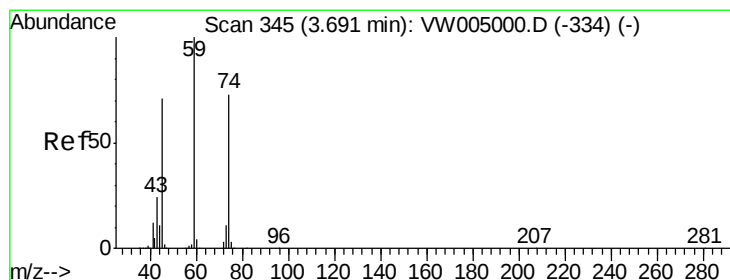
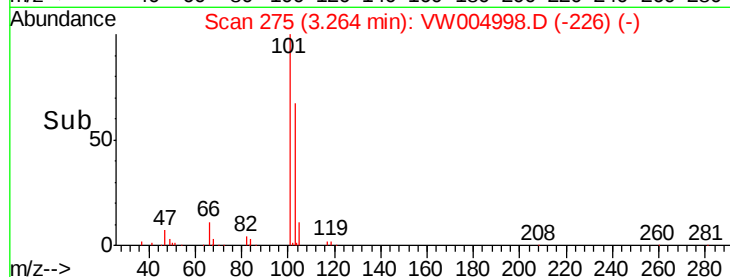
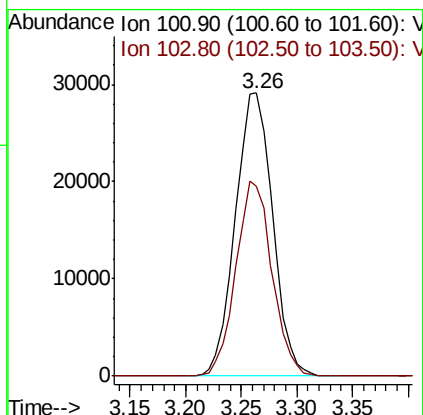
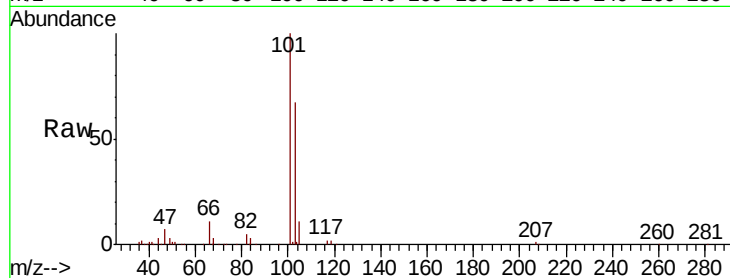


#7

Trichlorofluoromethane
 Concen: 10.323 ug/l
 RT: 3.26 min Scan# 275
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

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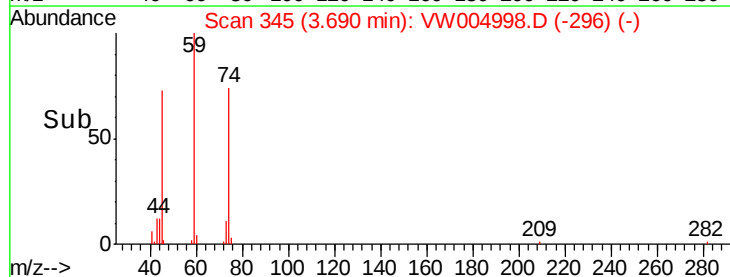
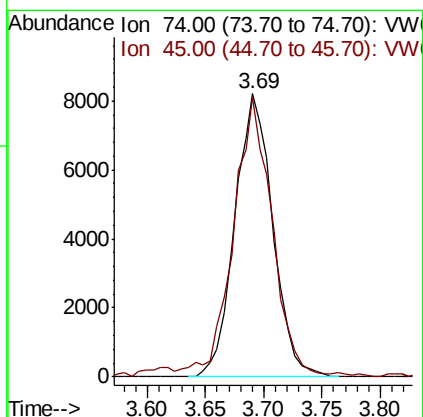
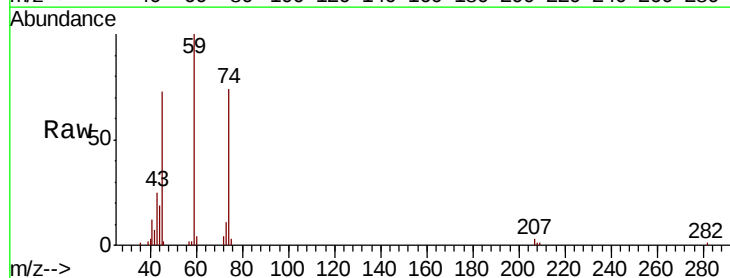
Tgt Ion: 101 Resp: 68043
 Ion Ratio Lower Upper
 101 100
 103 67.3 52.6 78.8

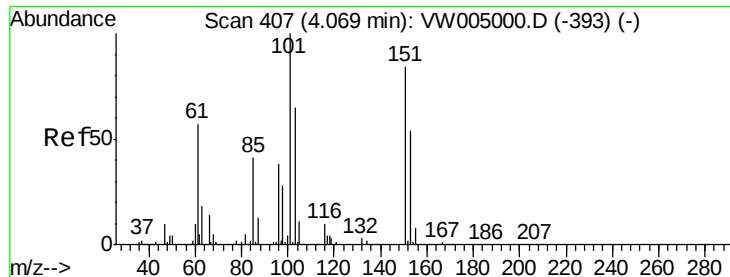


#8

Diethyl Ether
 Concen: 9.915 ug/l
 RT: 3.69 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion: 74 Resp: 18583
 Ion Ratio Lower Upper
 74 100
 45 99.3 47.8 143.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.509 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW004998.D

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Instrument :

MSVOA_W

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VSTDIC010

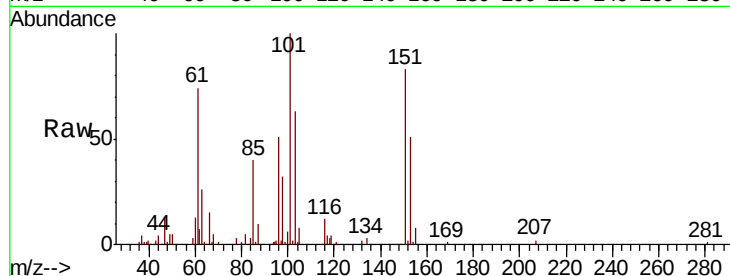
Tgt Ion:101 Resp: 42754

Ion Ratio Lower Upper

101 100

85 42.0 33.4 50.0

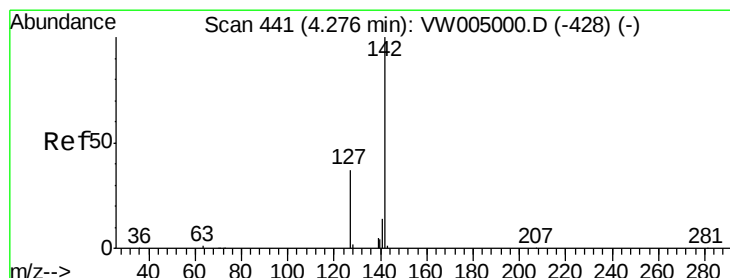
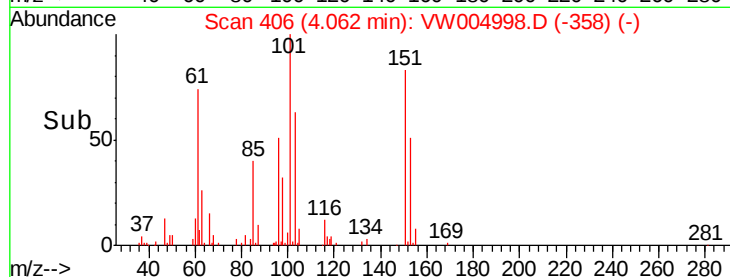
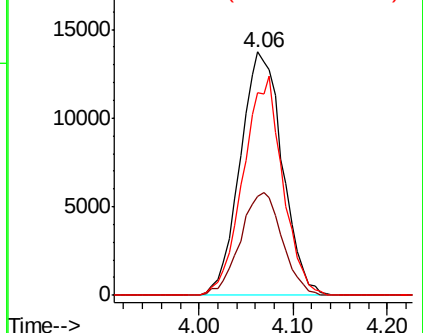
151 84.0 67.0 100.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 8.317 ug/l

RT: 4.28 min Scan# 441

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

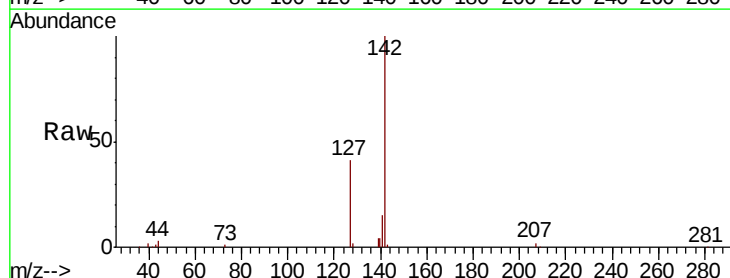
Tgt Ion:142 Resp: 46280

Ion Ratio Lower Upper

142 100

127 39.8 31.1 46.7

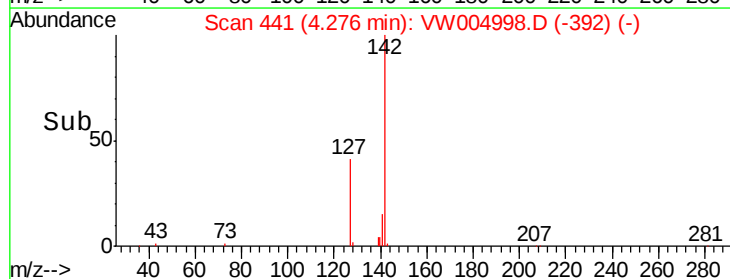
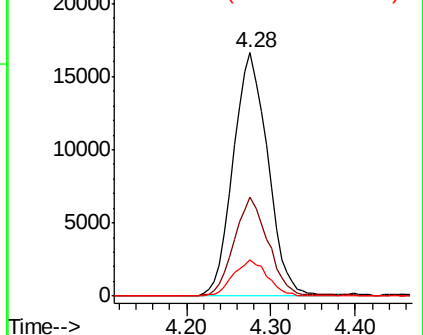
141 14.6 11.4 17.2

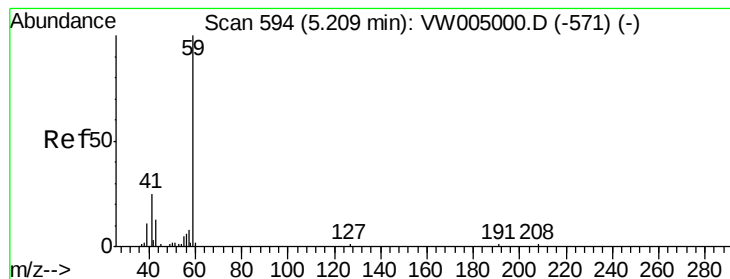


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 63.844 ug/l

RT: 5.20 min Scan# 592

Delta R.T. -0.01 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

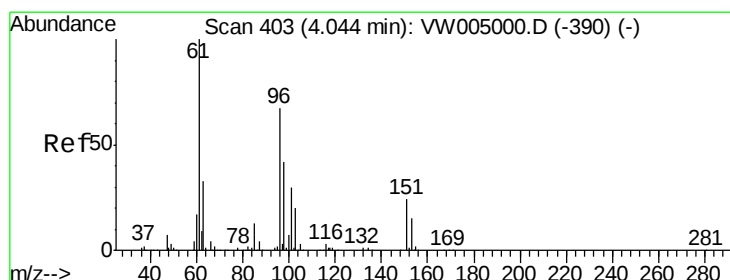
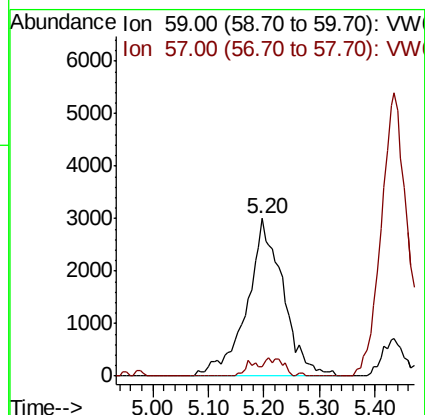
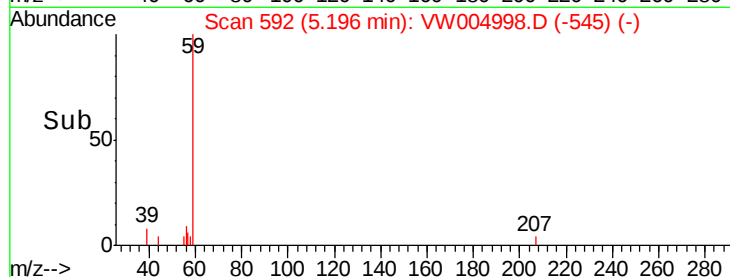
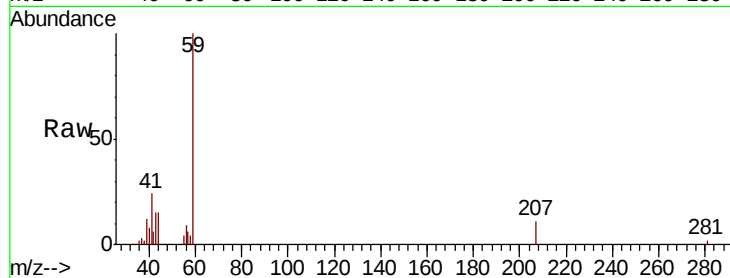
VSTDIC010

Tgt Ion: 59 Resp: 13569

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#12

1,1-Dichloroethene

Concen: 10.002 ug/l

RT: 4.04 min Scan# 402

Delta R.T. -0.01 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

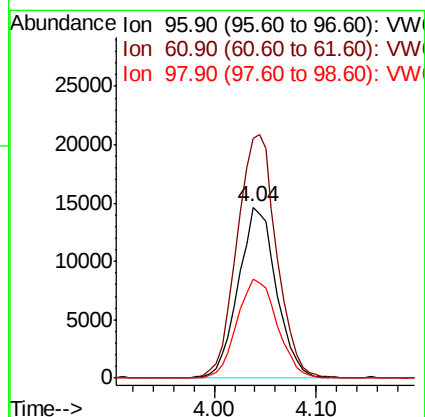
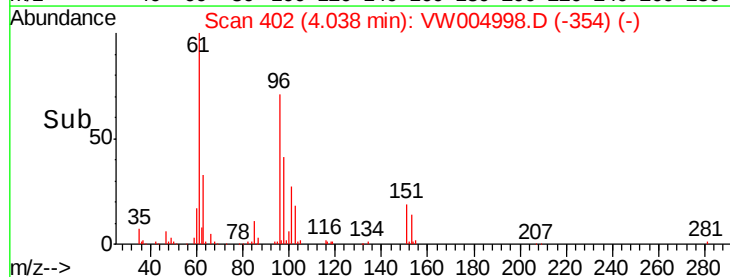
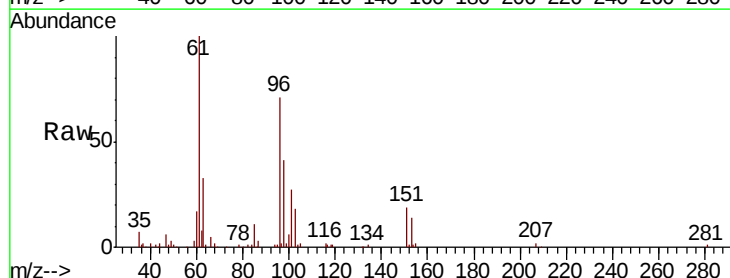
Tgt Ion: 96 Resp: 38017

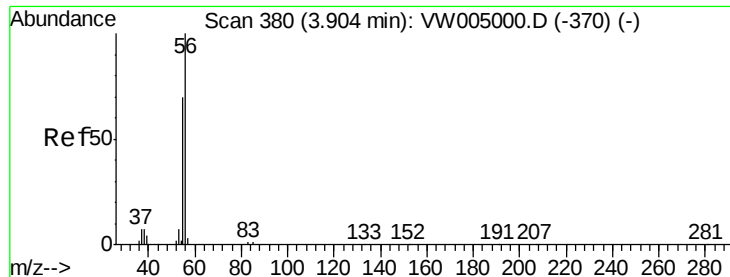
Ion Ratio Lower Upper

96 100

61 140.3 119.5 179.3

98 58.2 50.4 75.6

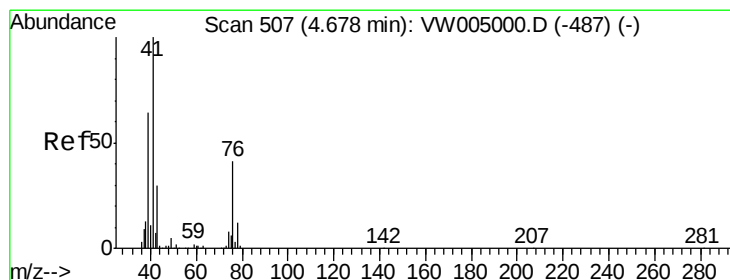
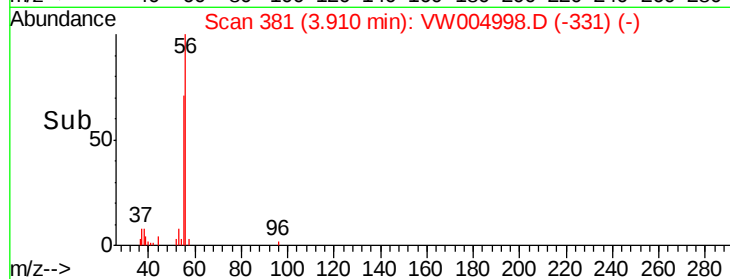
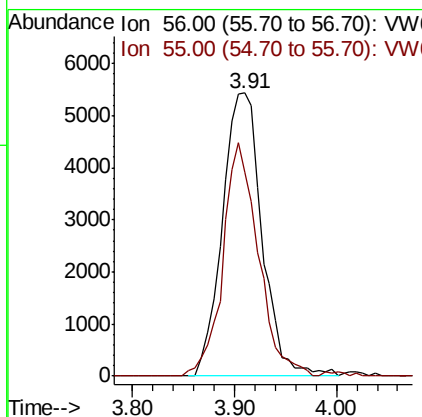
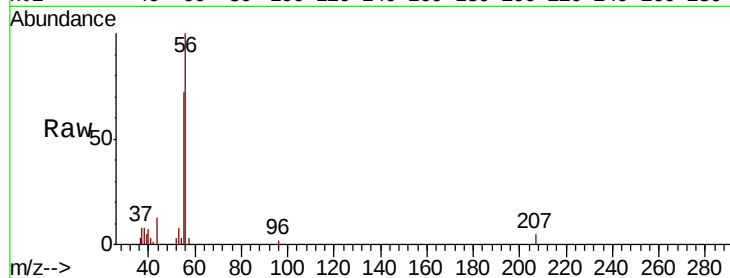




#13
Acrolein
Concen: 48.206 ug/l
RT: 3.91 min Scan# 381
Delta R.T. 0.01 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

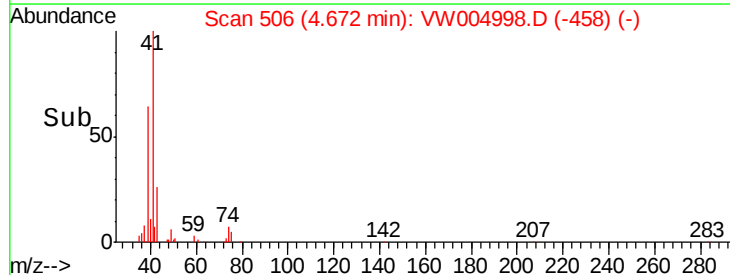
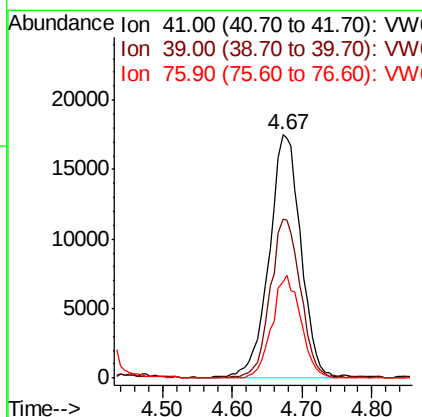
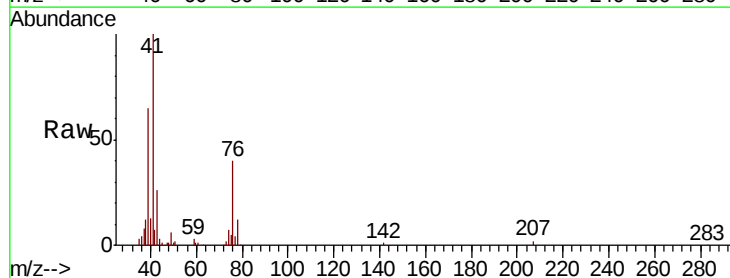
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

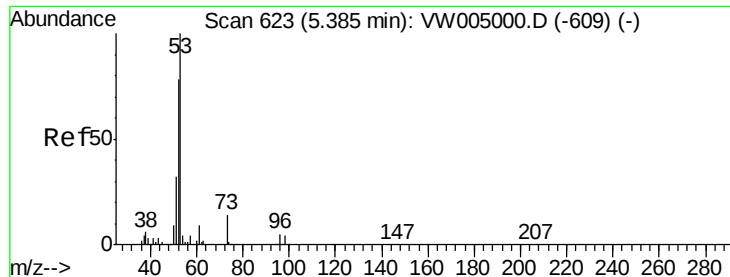
Tgt Ion: 56 Resp: 14636
Ion Ratio Lower Upper
56 100
55 73.6 56.4 84.6



#14
Allyl chloride
Concen: 9.513 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.01 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion: 41 Resp: 55677
Ion Ratio Lower Upper
41 100
39 62.6 49.4 74.2
76 38.0 31.4 47.2





#15

Acrylonitrile

Concen: 48.284 ug/l

RT: 5.39 min Scan# 623

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

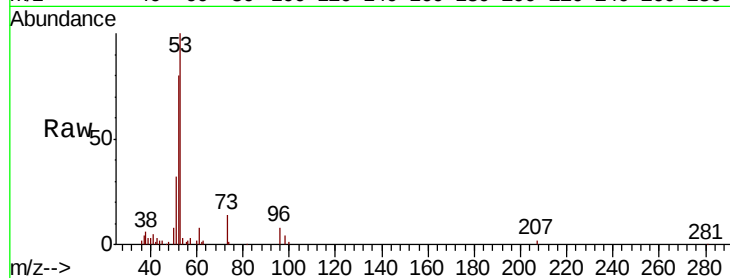
Tgt Ion: 53 Resp: 46148

Ion Ratio Lower Upper

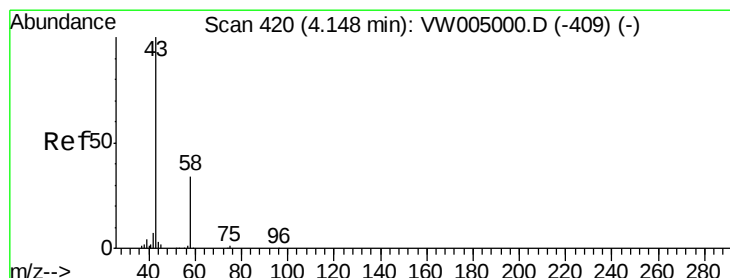
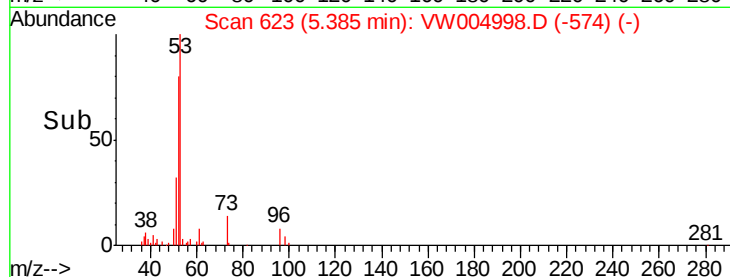
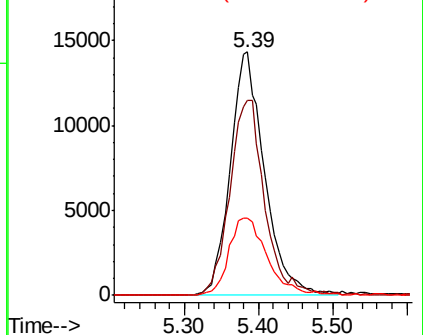
53 100

52 81.8 65.0 97.6

51 35.7 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 51.103 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW004998.D

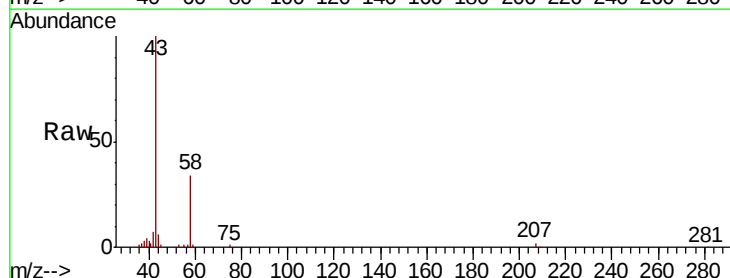
Acq: 29 Aug 2018 12:36

Tgt Ion: 43 Resp: 41034

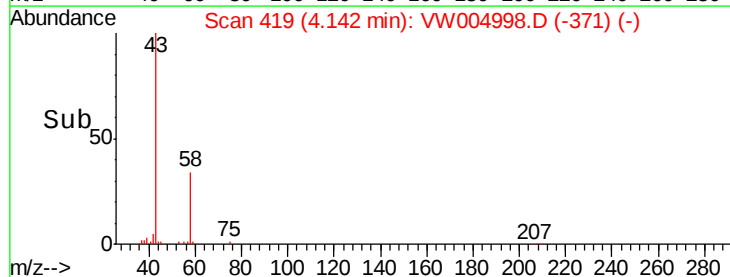
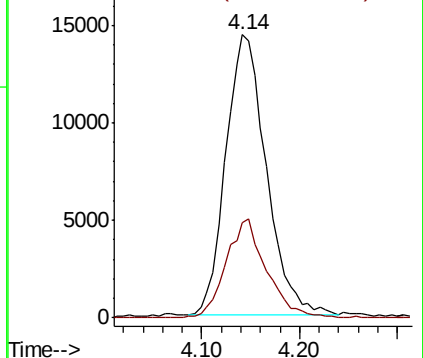
Ion Ratio Lower Upper

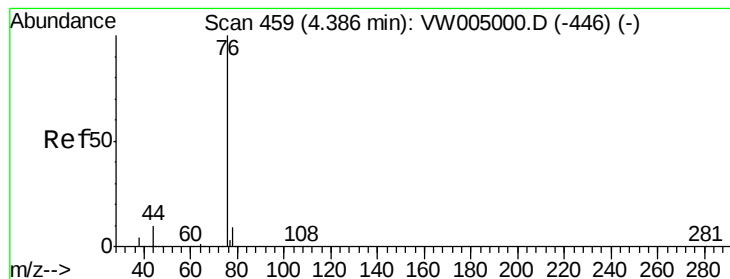
43 100

58 34.2 27.2 40.8



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





#17

Carbon Disulfide

Concen: 9.868 ug/l

RT: 4.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

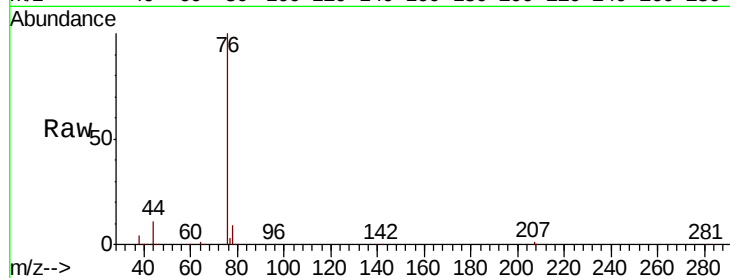
VSTDIC010

Tgt Ion: 76 Resp: 157652

Ion Ratio Lower Upper

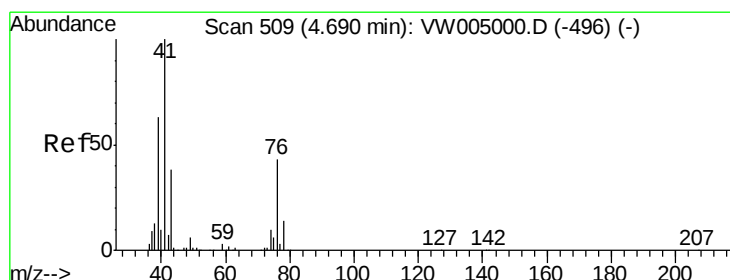
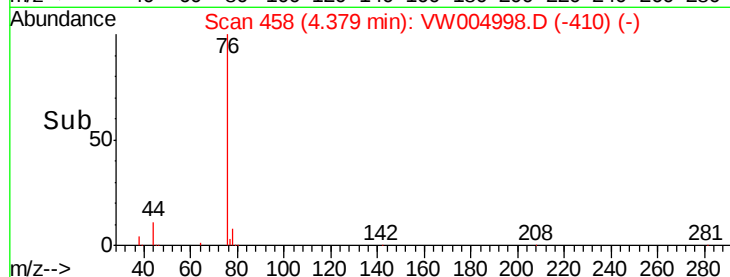
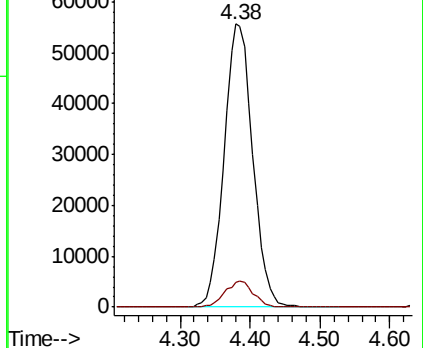
76 100

78 8.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 9.794 ug/l

RT: 4.68 min Scan# 508

Delta R.T. -0.01 min

Lab File: VW004998.D

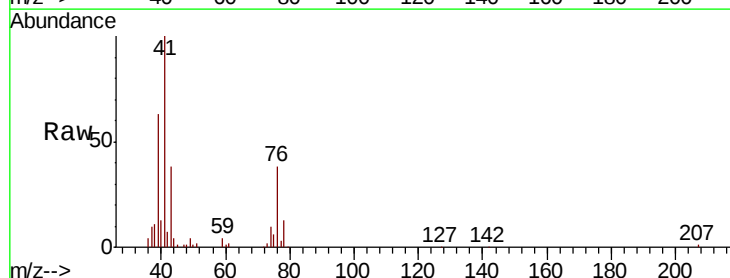
Acq: 29 Aug 2018 12:36

Tgt Ion: 43 Resp: 19049

Ion Ratio Lower Upper

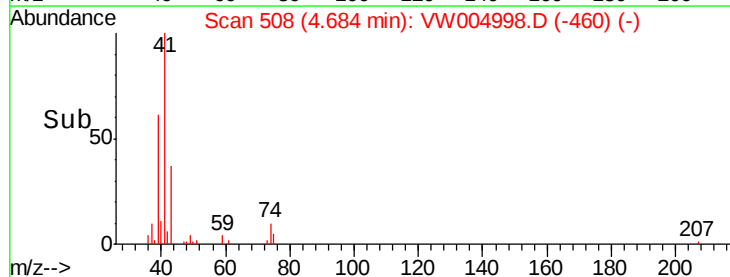
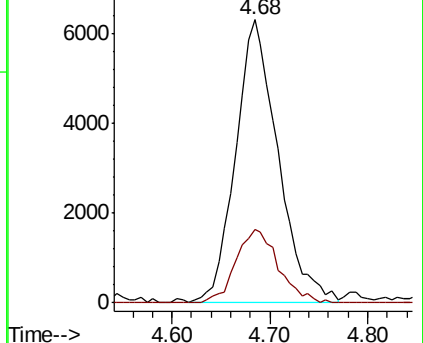
43 100

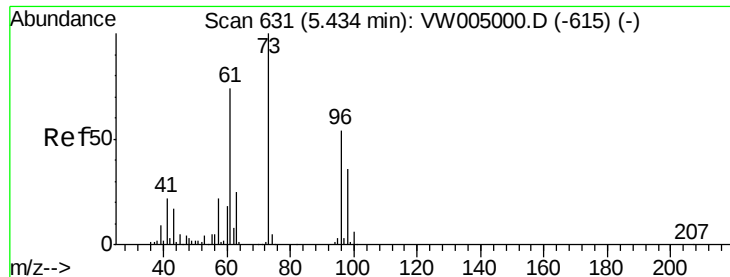
74 26.0 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

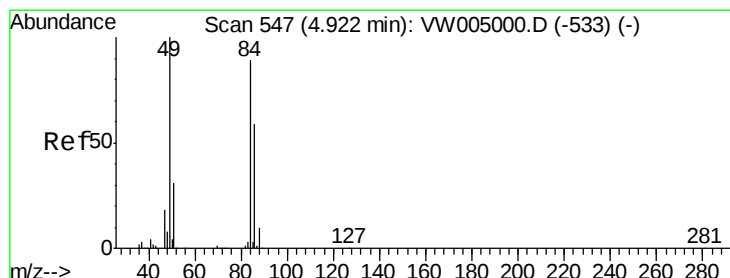
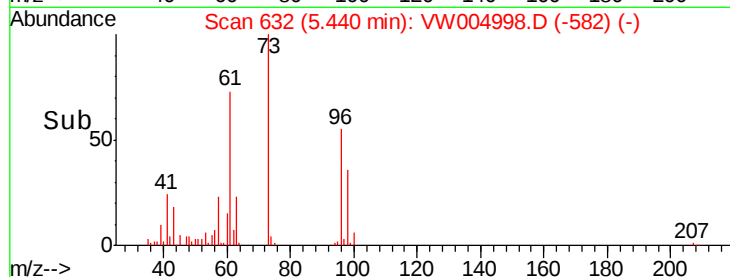
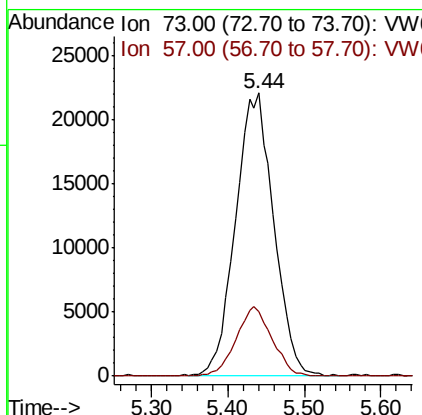
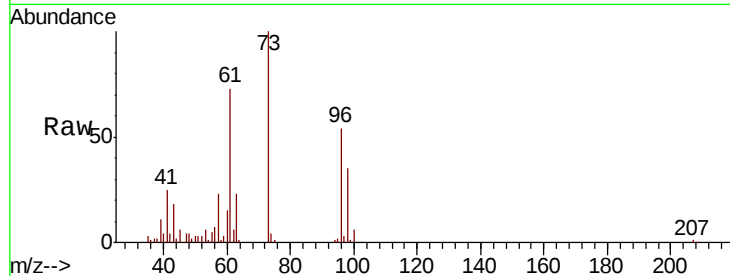




#19
Methyl tert-butyl Ether
Concen: 9.366 ug/l
RT: 5.44 min Scan# 632
Delta R.T. 0.01 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

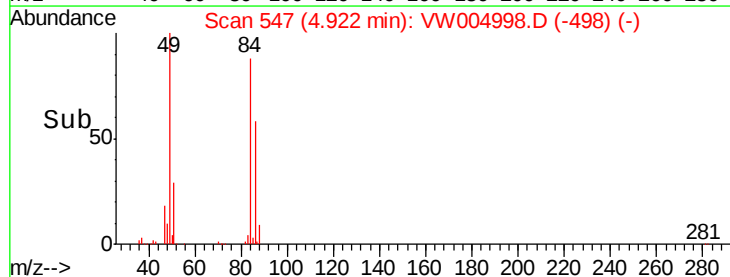
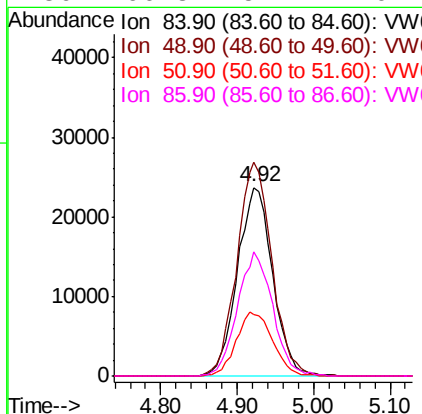
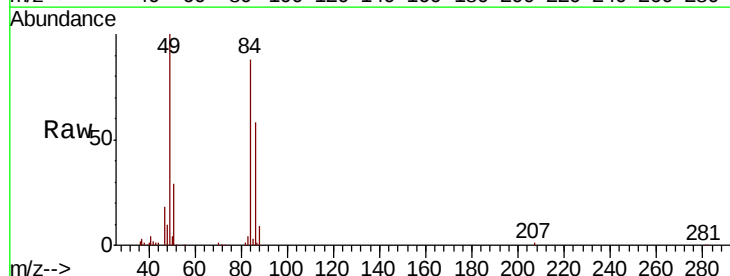
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

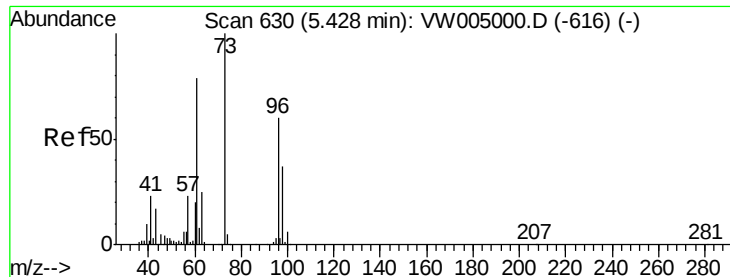
Tgt Ion: 73 Resp: 76502
Ion Ratio Lower Upper
73 100
57 23.0 17.6 26.4



#20
Methylene Chloride
Concen: 11.220 ug/l
RT: 4.92 min Scan# 547
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion: 84 Resp: 75915
Ion Ratio Lower Upper
84 100
49 113.5 89.7 134.5
51 32.6 27.5 41.3
86 66.3 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 9.927 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

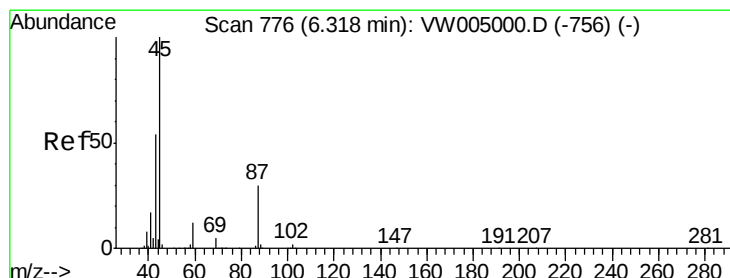
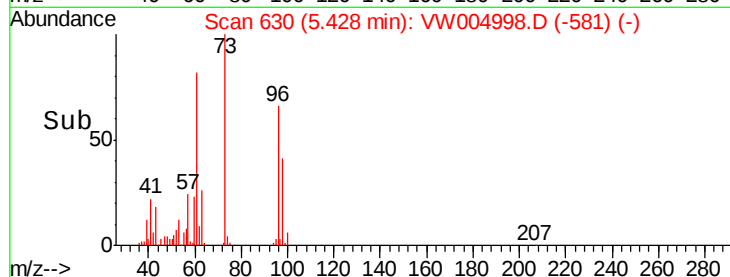
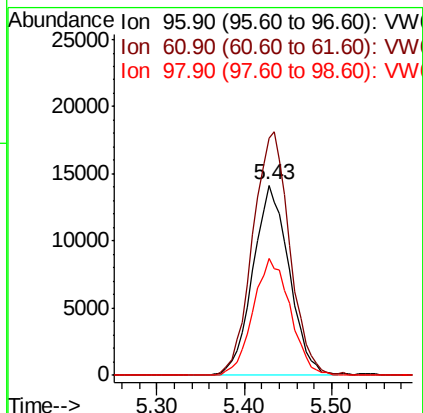
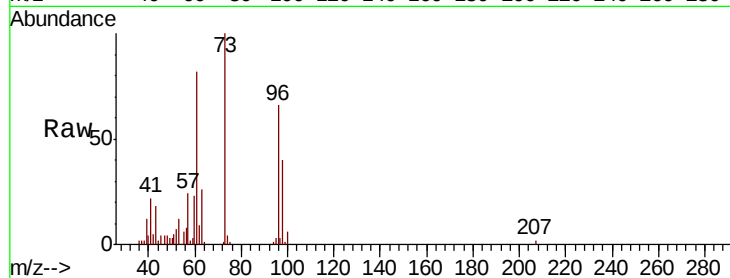
Tgt Ion: 96 Resp: 40968

Ion Ratio Lower Upper

96 100

61 124.7 106.2 159.2

98 61.3 49.5 74.3



#22

Diisopropyl ether

Concen: 8.955 ug/l

RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Tgt Ion: 45 Resp: 106993

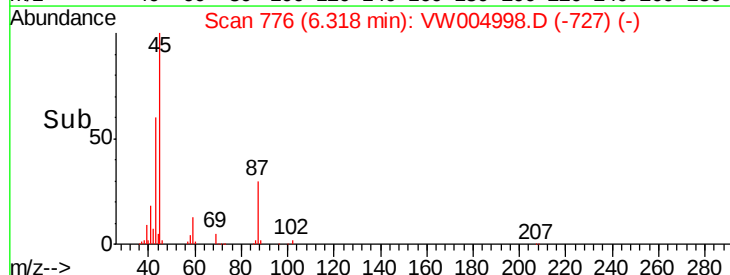
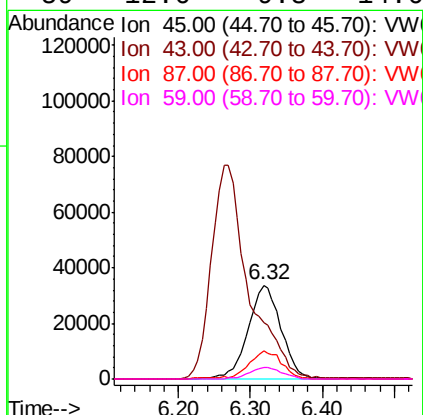
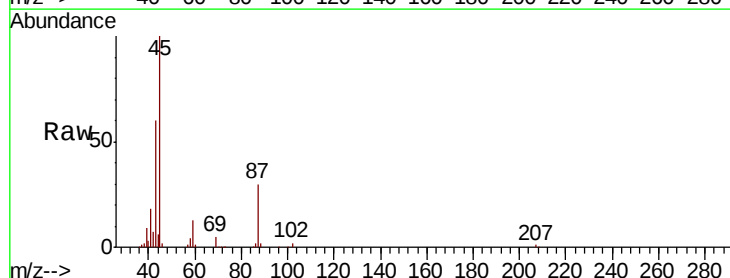
Ion Ratio Lower Upper

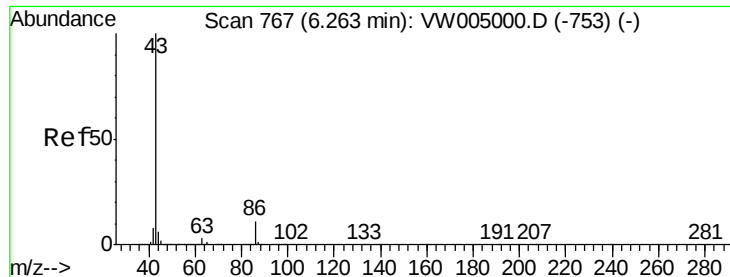
45 100

43 58.9 43.5 65.3

87 29.7 23.8 35.8

59 12.6 9.8 14.6

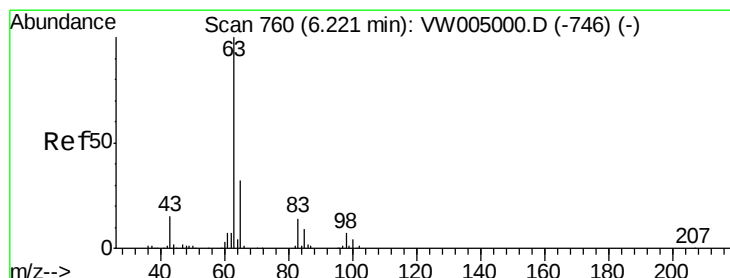
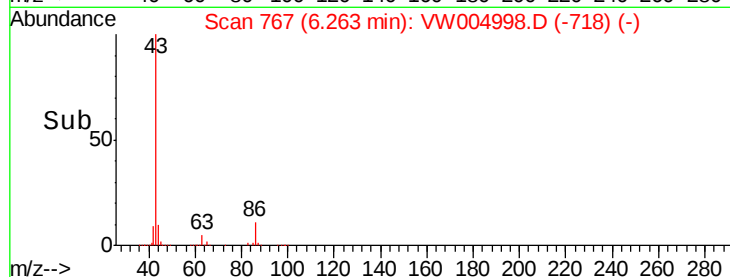
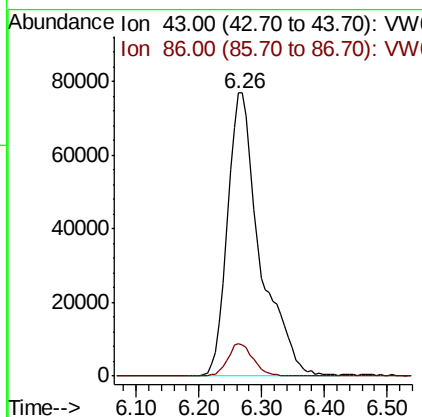
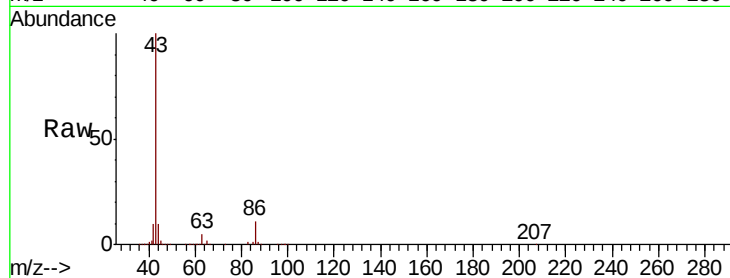




#23
 Vinyl Acetate
 Concen: 45.269 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

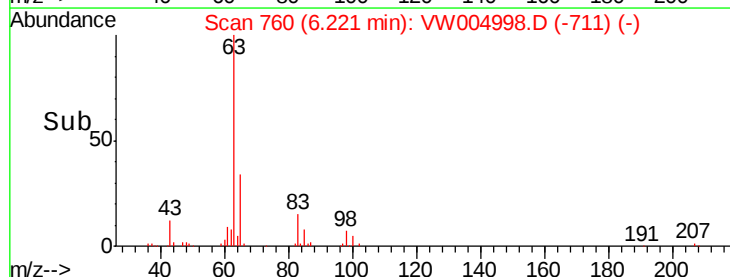
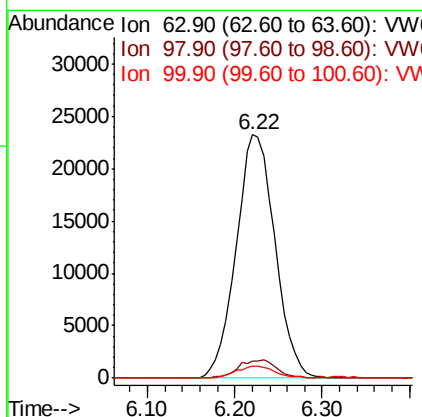
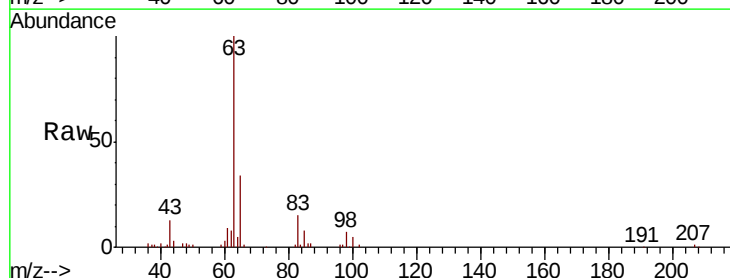
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

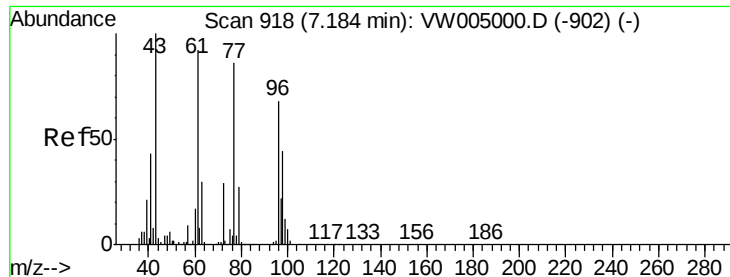
Tgt Ion: 43 Resp: 276528
 Ion Ratio Lower Upper
 43 100
 86 11.5 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 9.897 ug/l
 RT: 6.22 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion: 63 Resp: 71544
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.8 2.2 6.6





#25

2-Butanone

Concen: 51.158 ug/l

RT: 7.18 min Scan# 918

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampled :

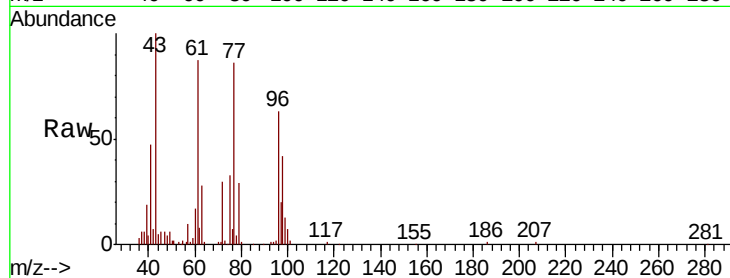
VSTDIC010

Tgt Ion: 43 Resp: 64058

Ion Ratio Lower Upper

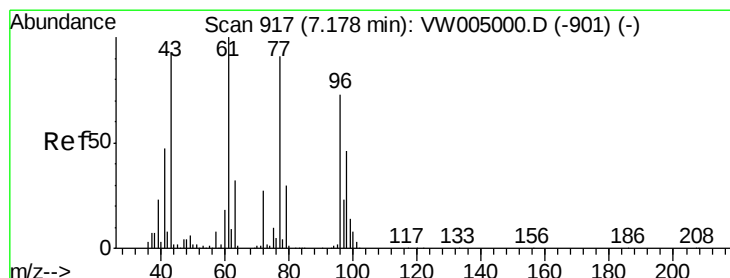
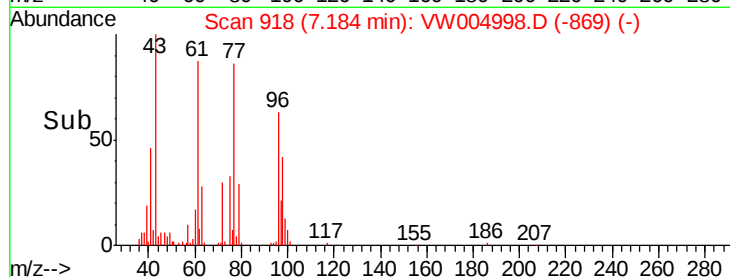
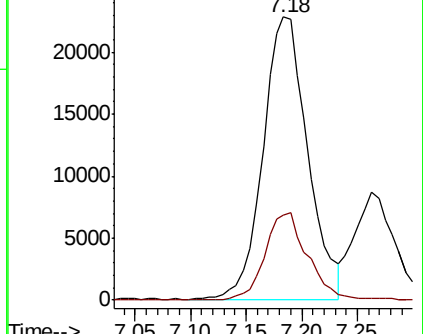
43 100

72 30.2 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 10.553 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004998.D

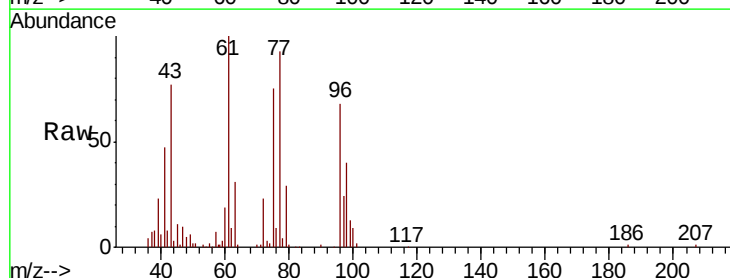
Acq: 29 Aug 2018 12:36

Tgt Ion: 77 Resp: 66962

Ion Ratio Lower Upper

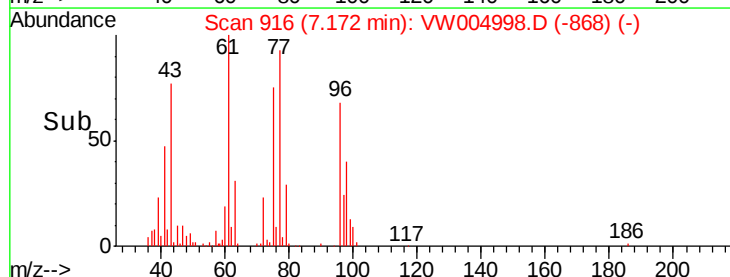
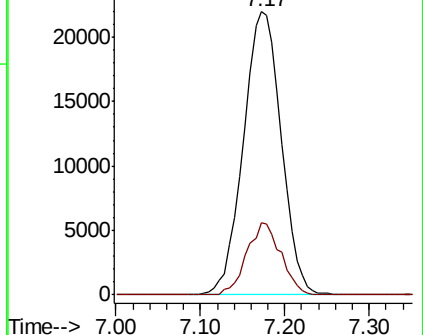
77 100

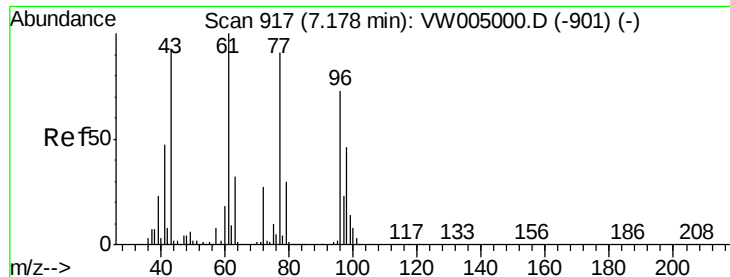
97 23.0 12.2 36.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



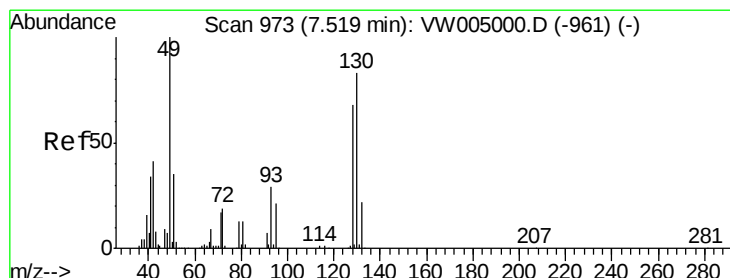
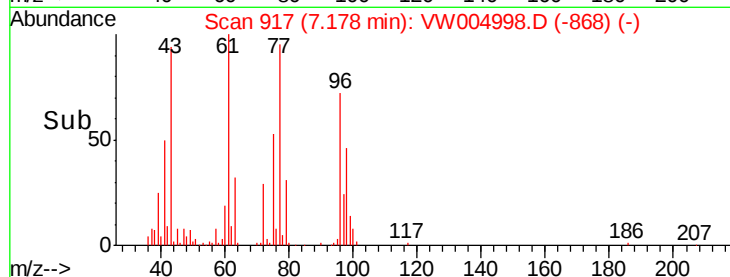
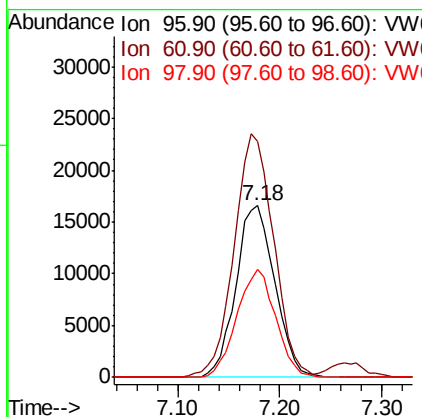
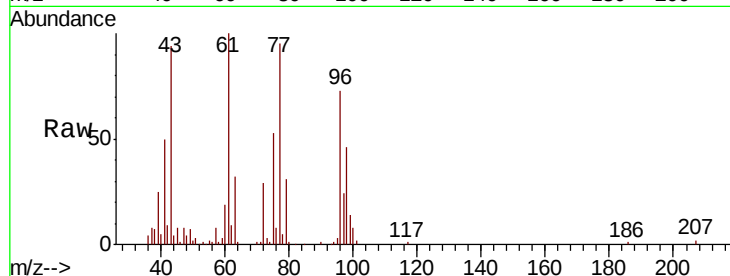


#27

cis-1,2-Dichloroethene
 Concen: 9.775 ug/l
 RT: 7.18 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

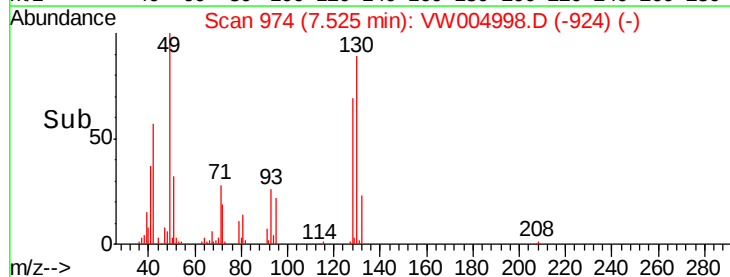
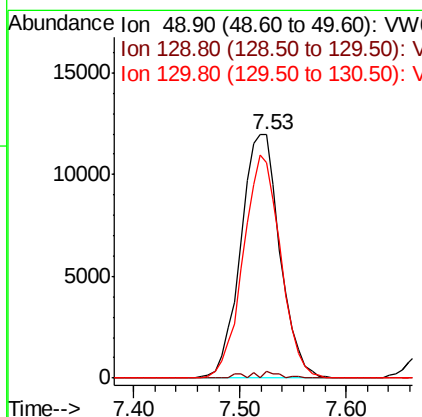
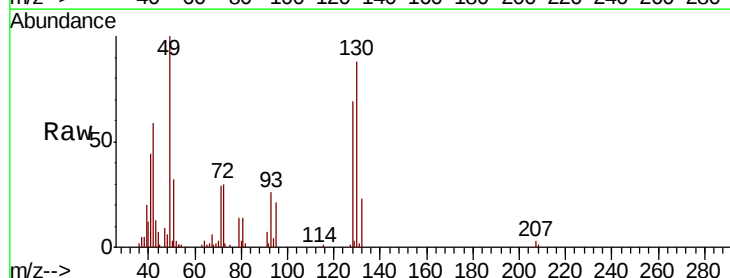
Tgt Ion	Ratio	Lower	Upper
96	100		
61	144.3	0.0	281.6
98	62.4	0.0	129.0

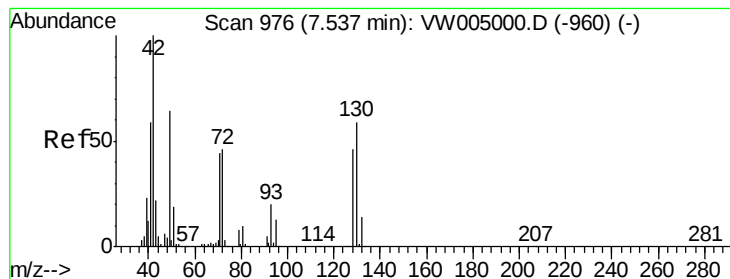


#28

Bromochloromethane
 Concen: 9.722 ug/l
 RT: 7.53 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.2
130	87.2	68.2	102.2





#29

Tetrahydrofuran

Concen: 49.557 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

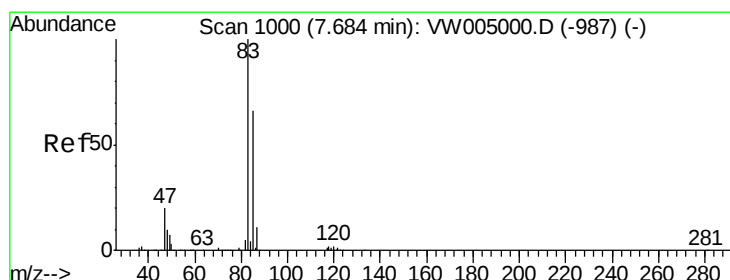
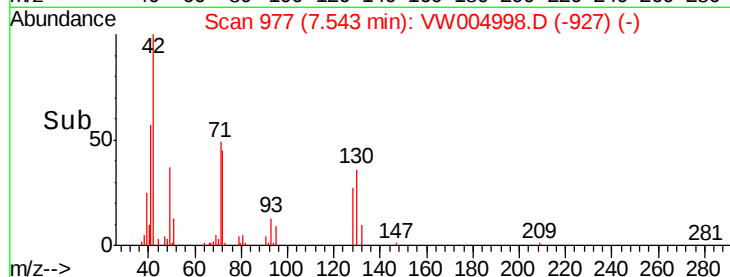
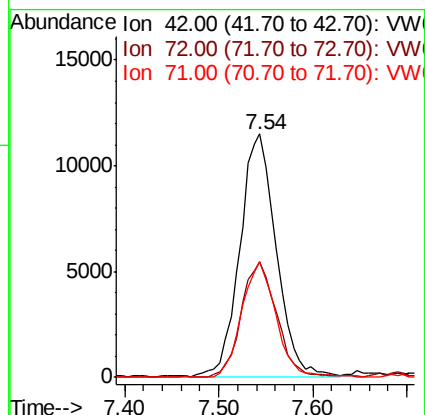
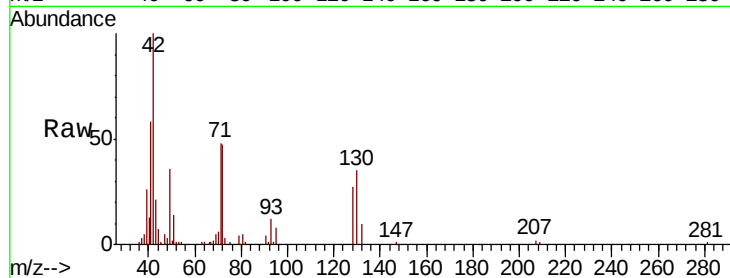
Tgt Ion: 42 Resp: 31347

Ion Ratio Lower Upper

42 100

72 46.0 36.6 55.0

71 44.7 35.4 53.2



#30

Chloroform

Concen: 10.131 ug/l

RT: 7.68 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VW004998.D

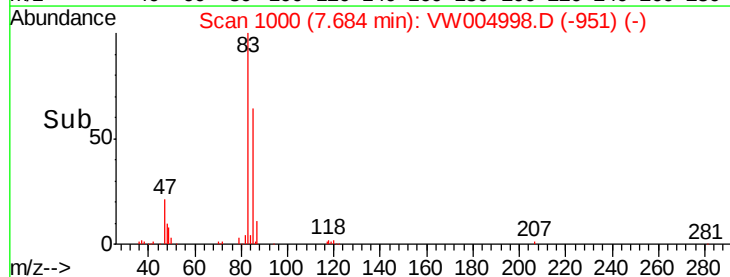
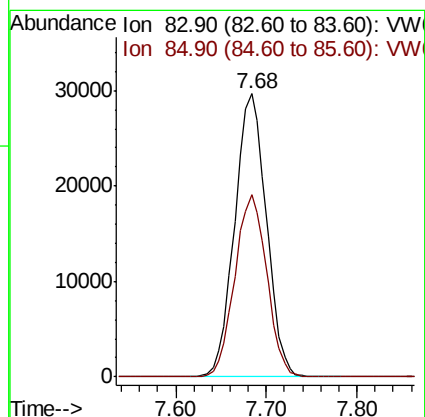
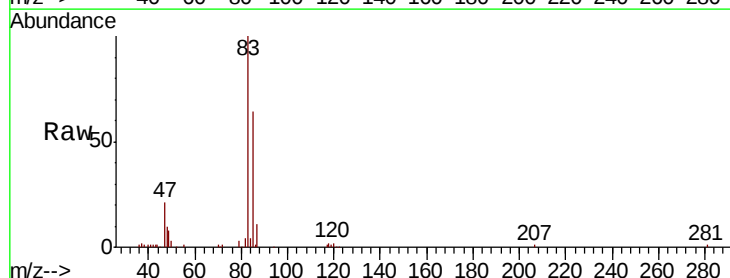
Acq: 29 Aug 2018 12:36

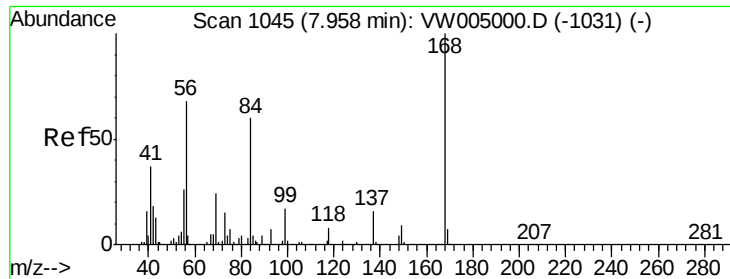
Tgt Ion: 83 Resp: 72033

Ion Ratio Lower Upper

83 100

85 64.3 52.6 78.8

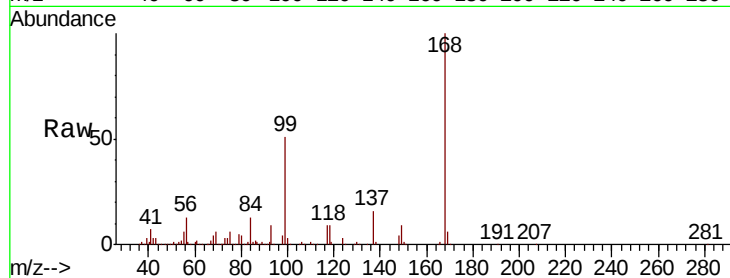




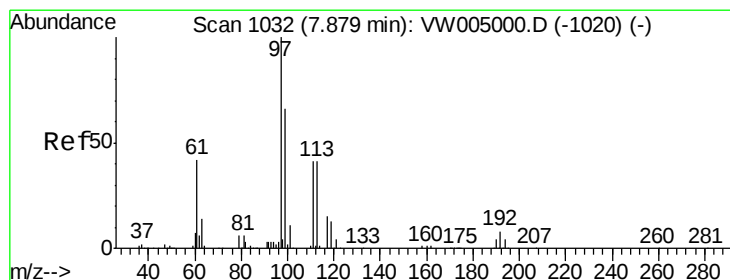
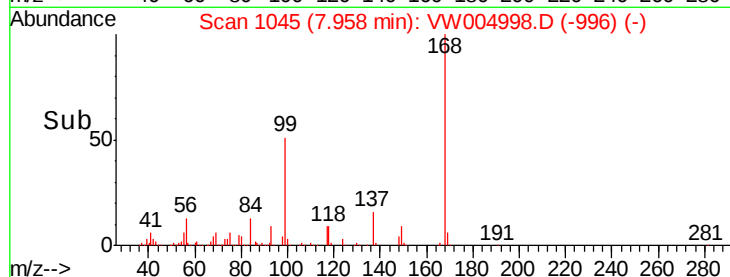
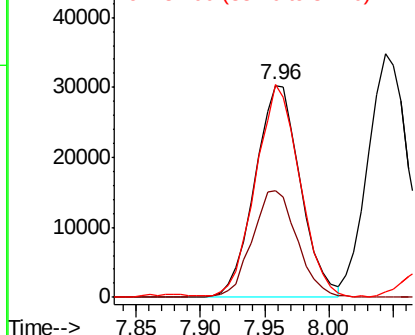
#31
Cyclohexane
Concen: 9.696 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 74286
Ion Ratio Lower Upper
56 100
69 50.4 27.9 41.9#
84 99.4 70.5 105.7

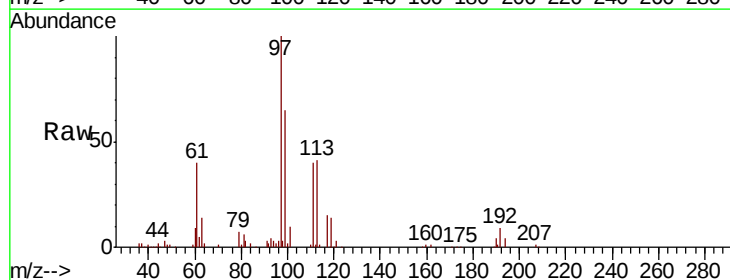


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

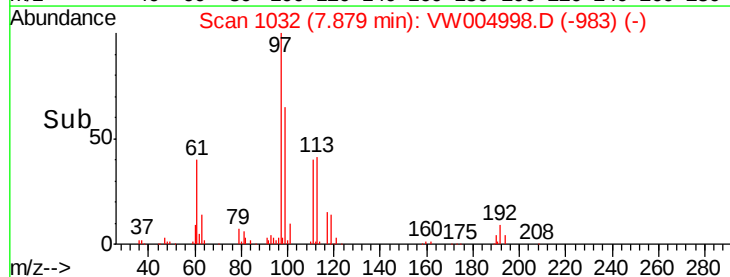
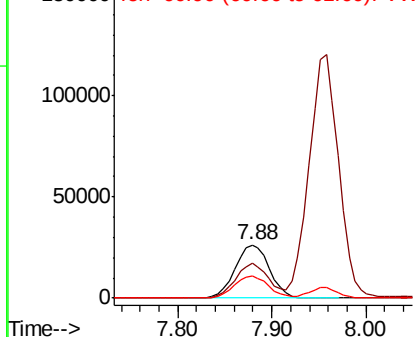


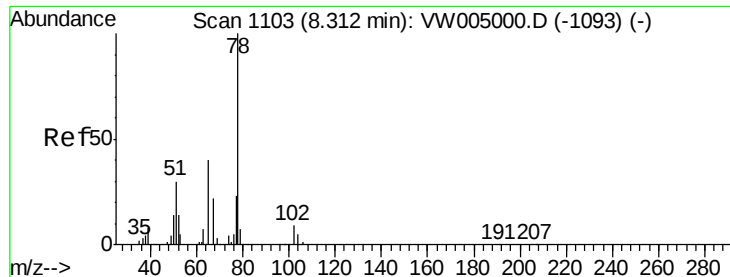
#32
1,1,1-Trichloroethane
Concen: 10.177 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion: 97 Resp: 66586
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 41.9 33.2 49.8



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





#33

1,2-Dichloroethane-d4

Concen: 10.378 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

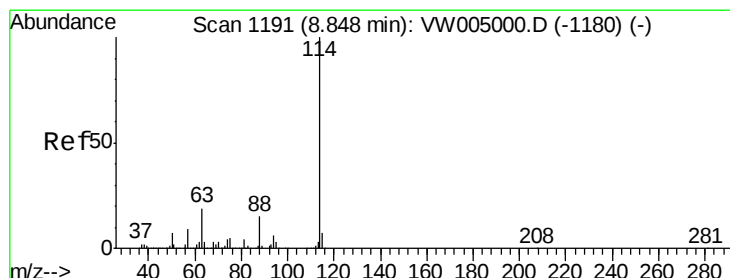
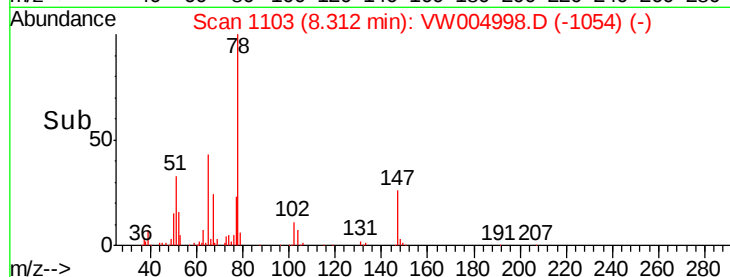
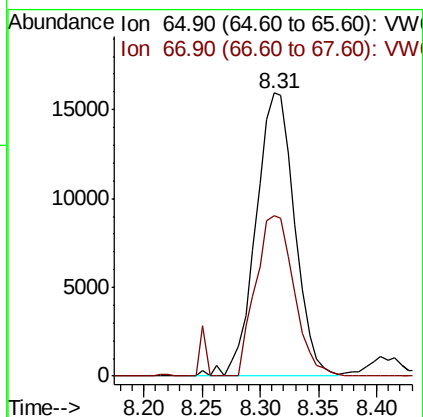
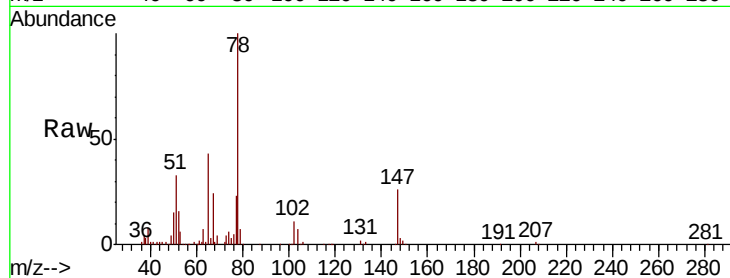
VSTDIC010

Tgt Ion: 65 Resp: 36952

Ion Ratio Lower Upper

65 100

67 56.2 0.0 112.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

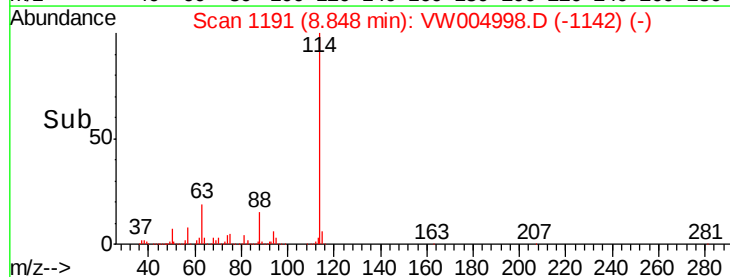
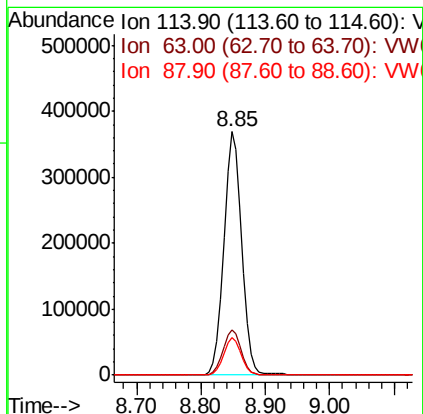
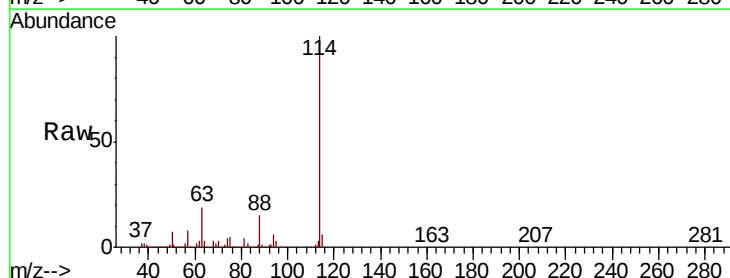
Tgt Ion: 114 Resp: 724055

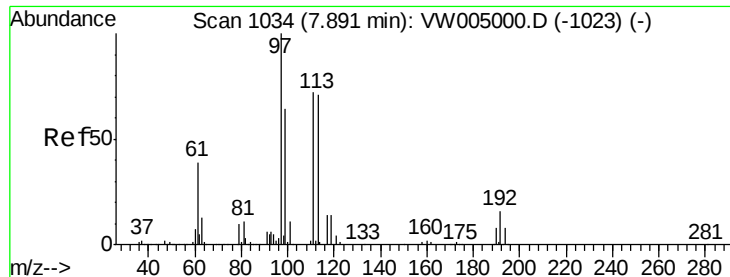
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

88 15.2 0.0 30.6

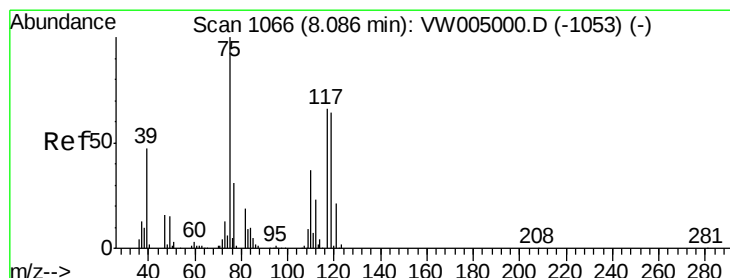
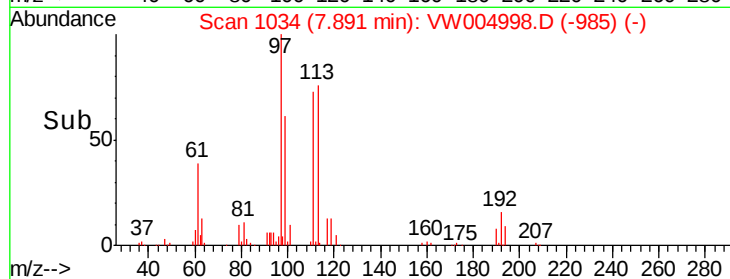
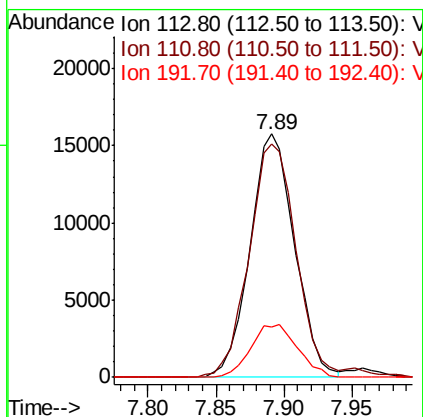
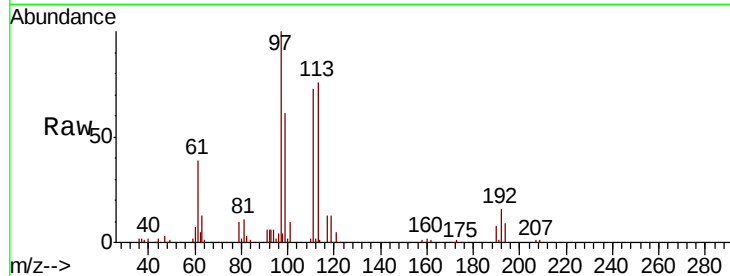




#35
Dibromofluoromethane
Concen: 10.089 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

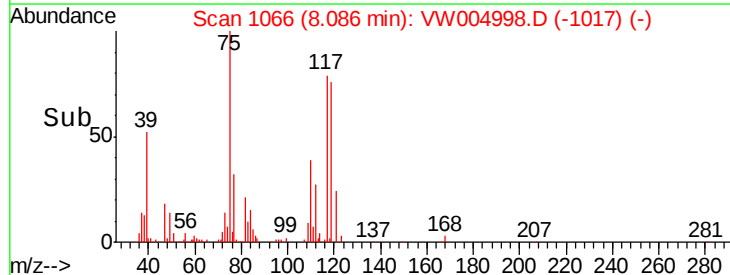
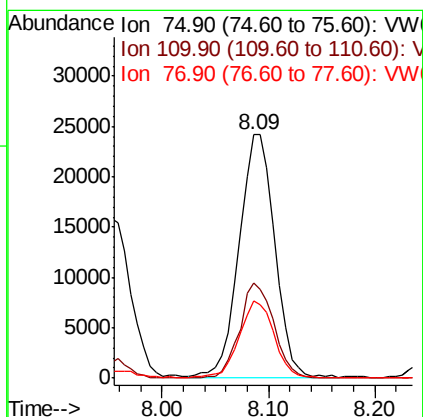
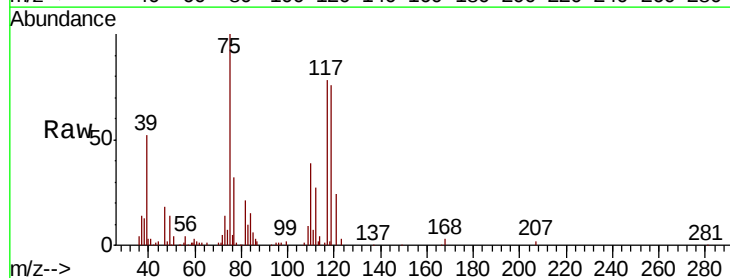
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

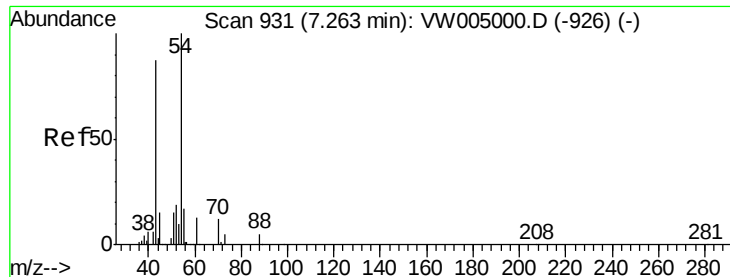
Tgt Ion: 113 Resp: 36201
Ion Ratio Lower Upper
113 100
111 101.0 81.3 121.9
192 22.7 17.8 26.8



#36
1,1-Dichloropropene
Concen: 9.244 ug/l
RT: 8.09 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion: 75 Resp: 56712
Ion Ratio Lower Upper
75 100
110 37.5 18.7 56.1
77 31.4 24.9 37.3

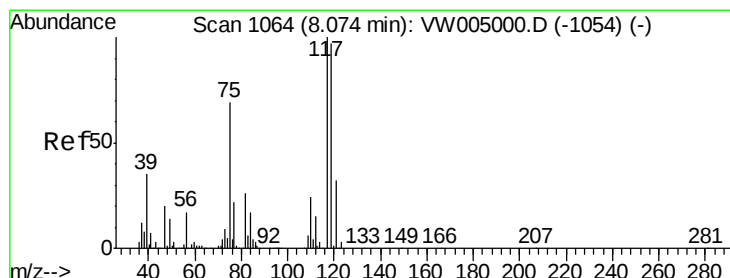
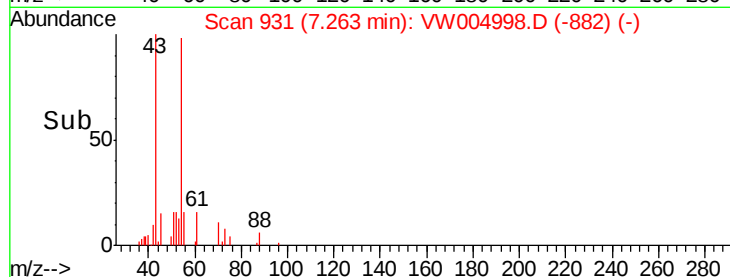
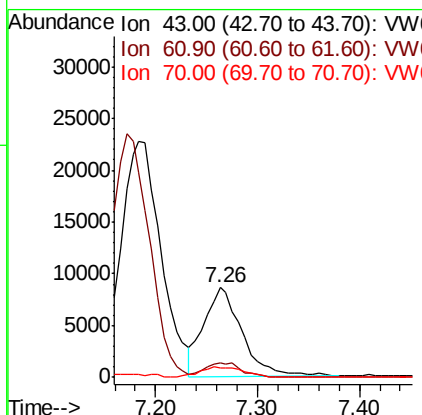
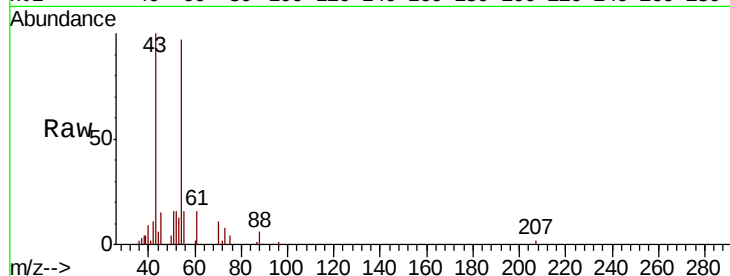




#37
Ethyl Acetate
Concen: 10.149 ug/l
RT: 7.26 min Scan# 931
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

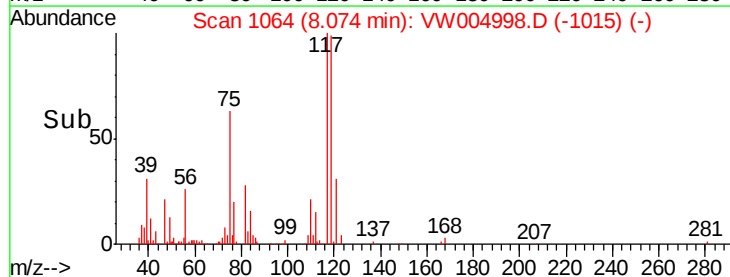
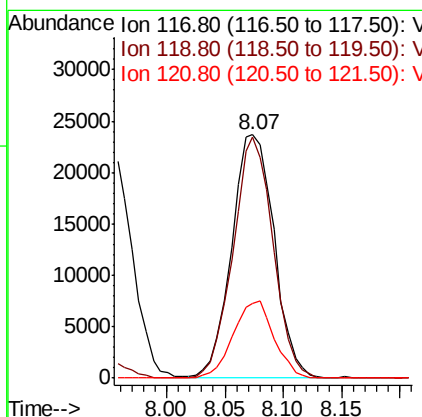
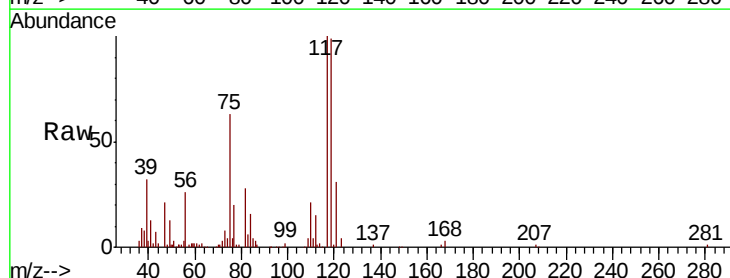
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

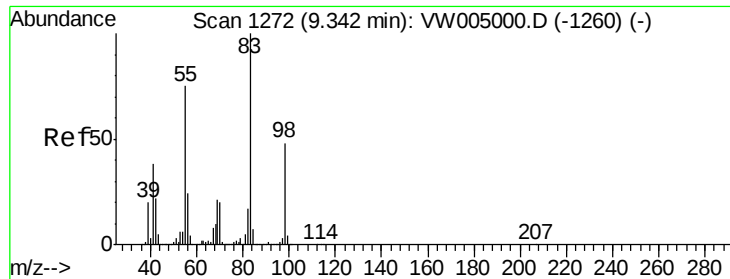
Tgt Ion: 43 Resp: 22442
Ion Ratio Lower Upper
43 100
61 15.4 12.3 18.5
70 13.2 9.7 14.5



#38
Carbon Tetrachloride
Concen: 10.133 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion: 117 Resp: 60164
Ion Ratio Lower Upper
117 100
119 99.1 77.8 116.8
121 30.9 25.2 37.8

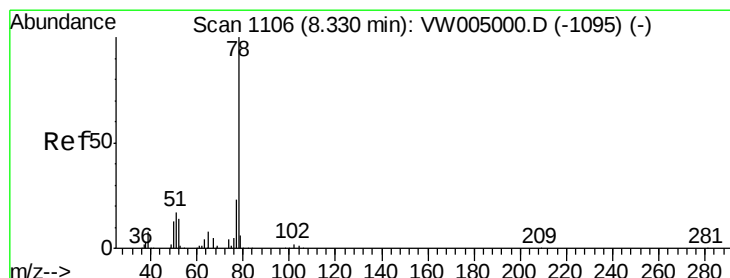
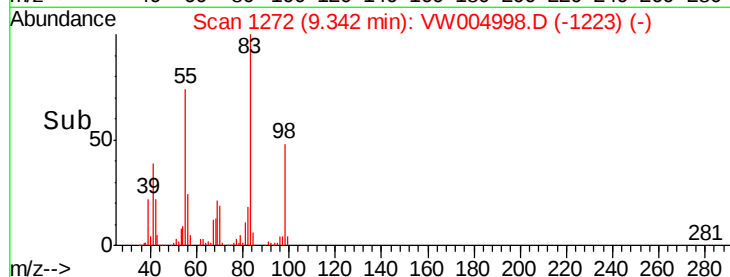
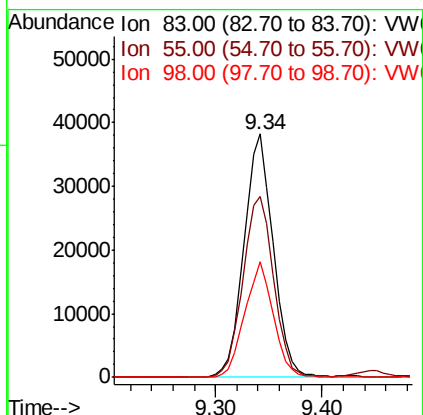
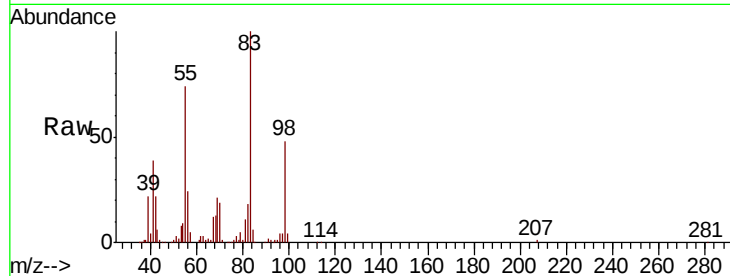




#39
Methylcyclohexane
Concen: 8.764 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

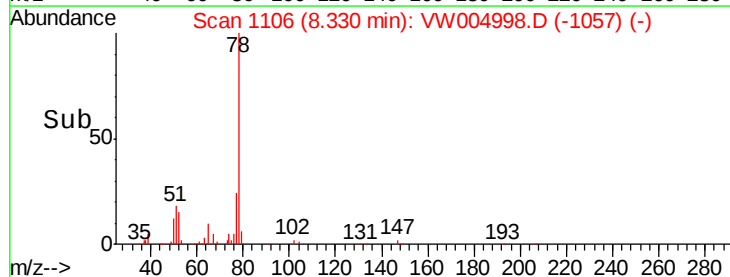
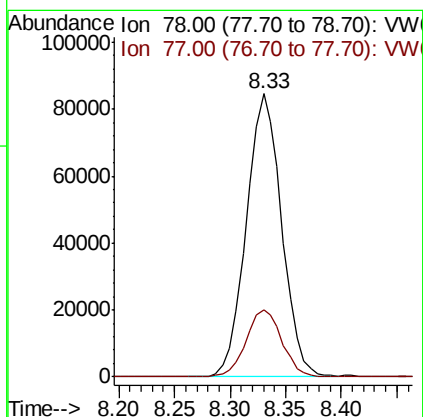
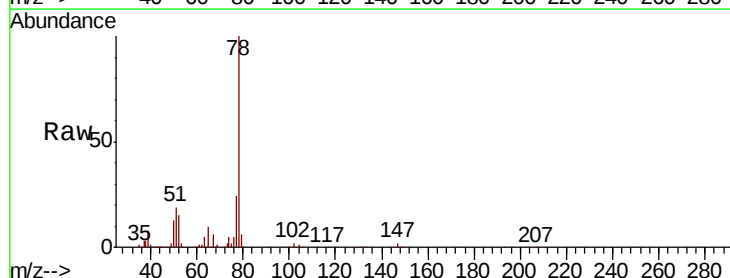
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

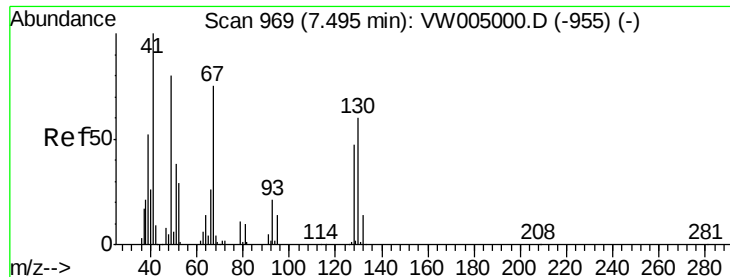
Tgt Ion: 83 Resp: 74120
Ion Ratio Lower Upper
83 100
55 74.3 60.2 90.2
98 47.6 38.6 57.8



#40
Benzene
Concen: 9.503 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion: 78 Resp: 186626
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

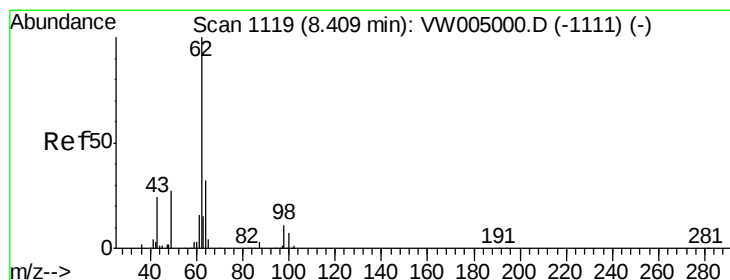
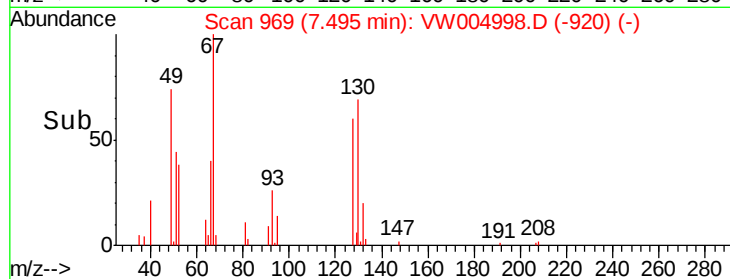
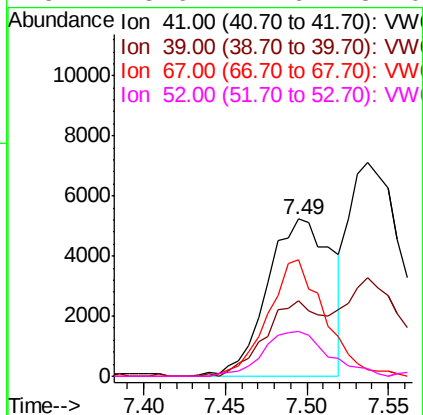
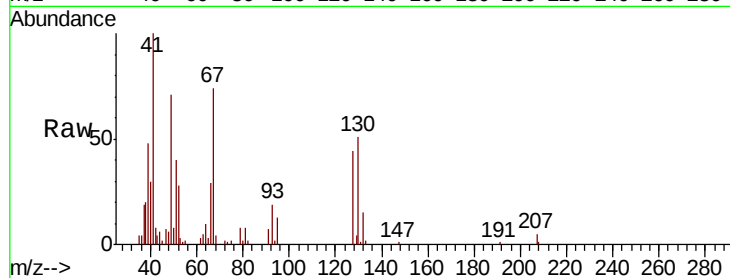




#41
Methacrylonitrile
Concen: 11.140 ug/l
RT: 7.49 min Scan# 969
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

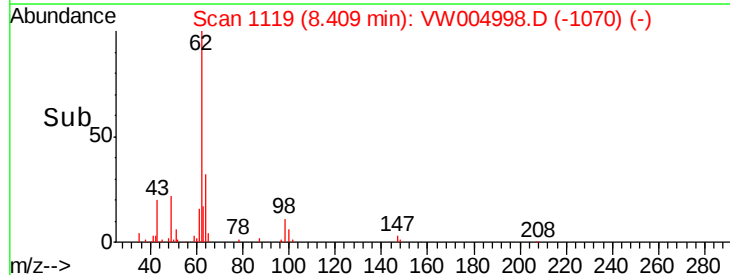
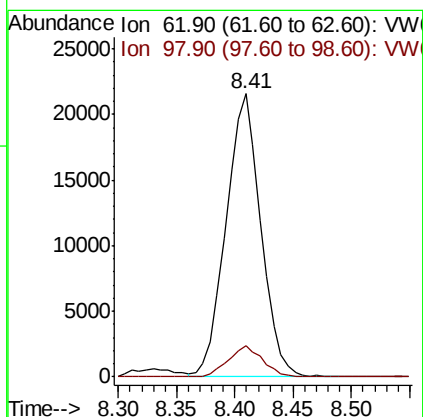
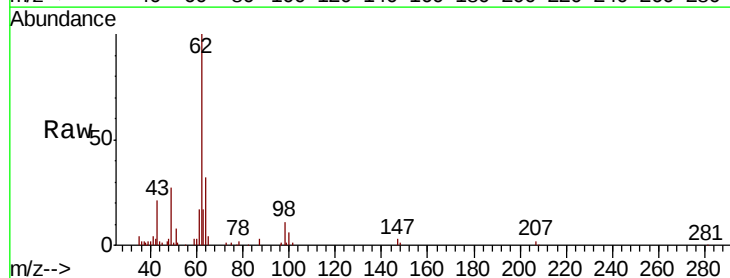
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

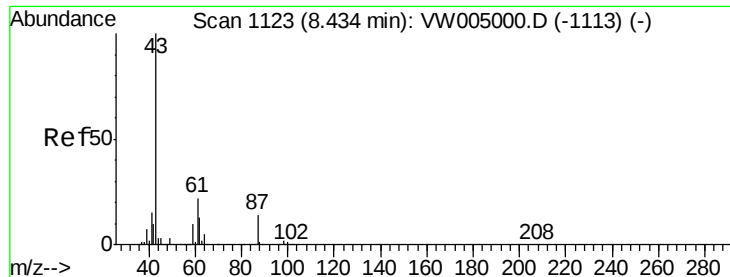
Tgt Ion:	41	Resp:	14356
Ion	Ratio	Lower	Upper
41	100		
39	43.3	42.0	63.0
67	65.4	63.4	95.2
52	28.6	24.6	37.0



#42
1,2-Dichloroethane
Concen: 10.241 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion:	62	Resp:	44751
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.8





#43

Isopropyl Acetate

Concen: 9.423 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

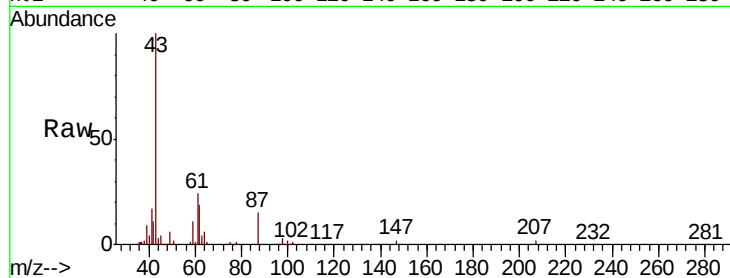
Tgt Ion: 43 Resp: 41463

Ion Ratio Lower Upper

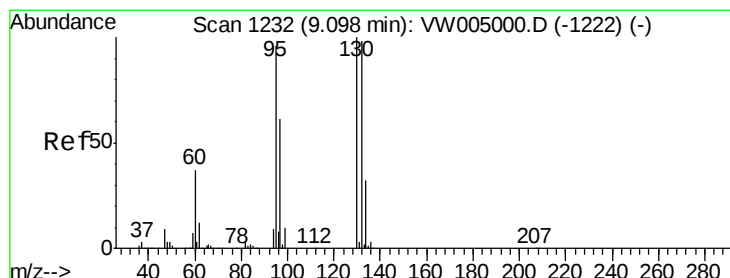
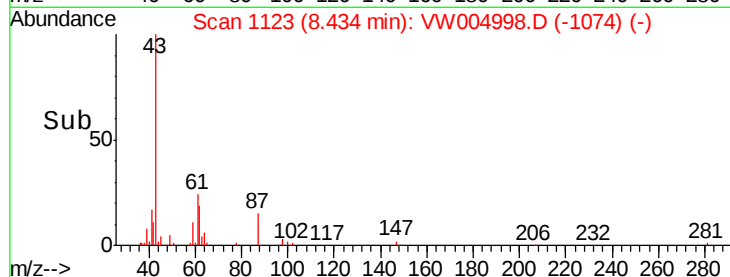
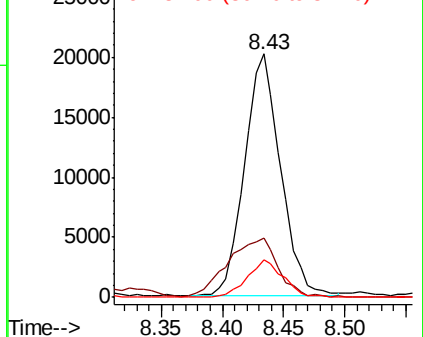
43 100

61 33.9 26.2 39.4

87 15.4 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 9.598 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW004998.D

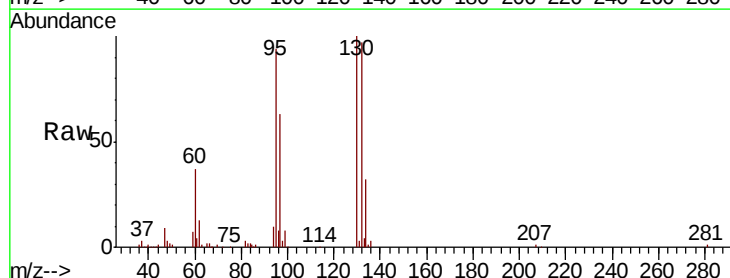
Acq: 29 Aug 2018 12:36

Tgt Ion: 130 Resp: 48142

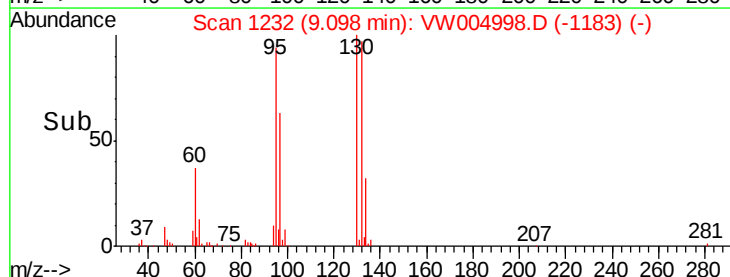
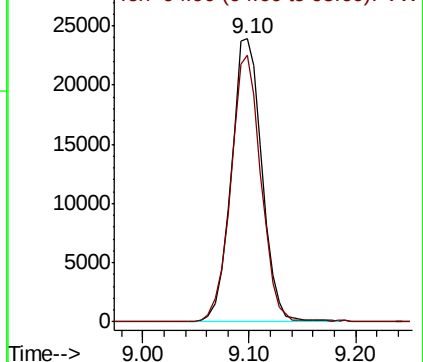
Ion Ratio Lower Upper

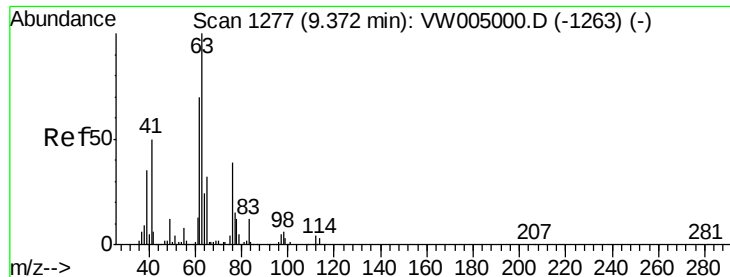
130 100

95 94.1 0.0 192.2



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

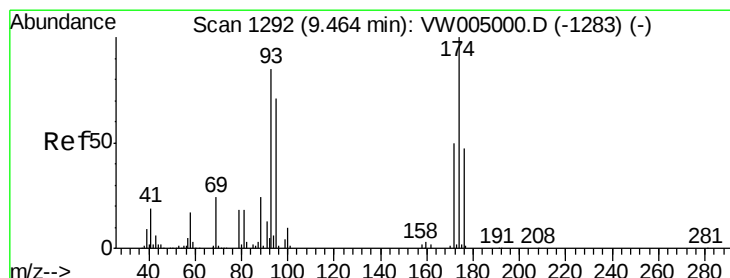
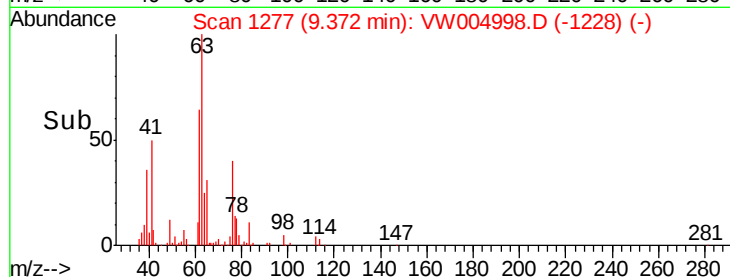
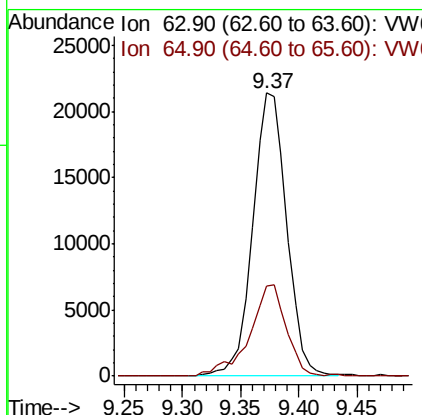
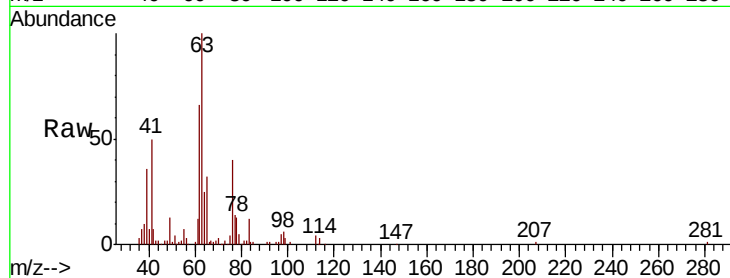




#45
 1,2-Dichloropropane
 Concen: 9.617 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

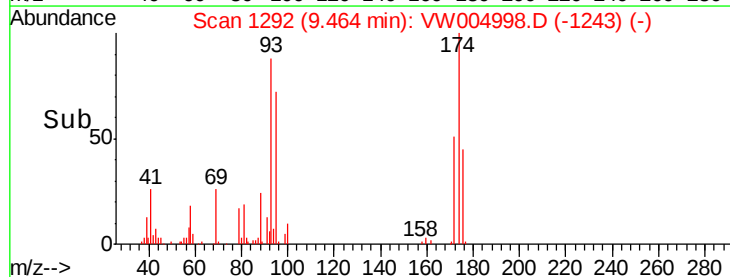
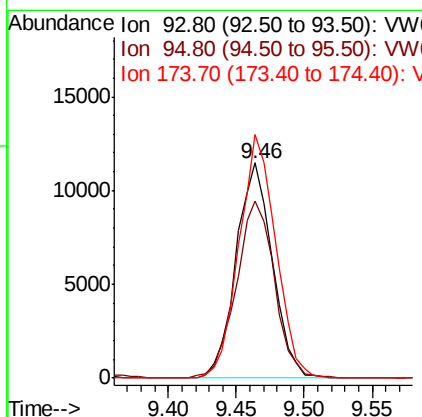
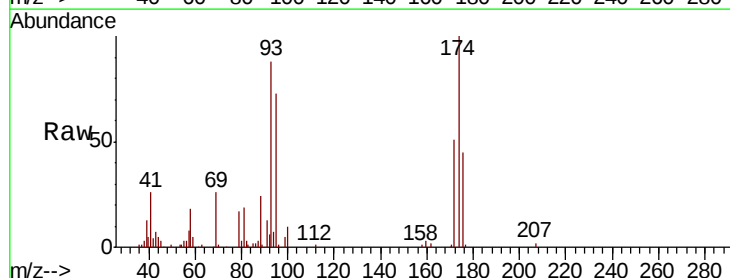
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

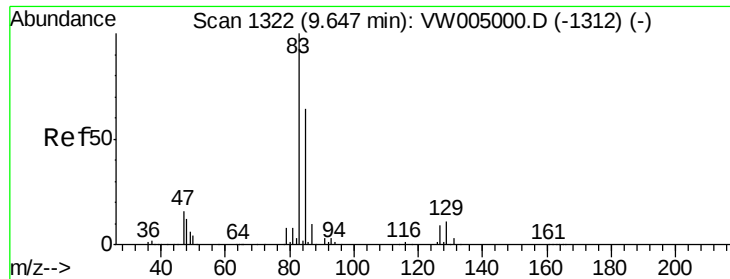
Tgt Ion: 63 Resp: 43208
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.3 37.9



#46
 Dibromomethane
 Concen: 10.082 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion: 93 Resp: 21439
 Ion Ratio Lower Upper
 93 100
 95 86.2 68.0 102.0
 174 114.2 91.4 137.0

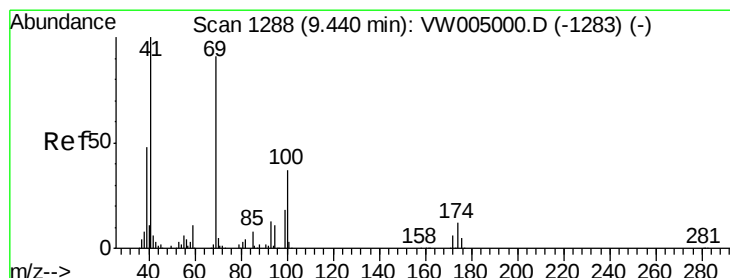
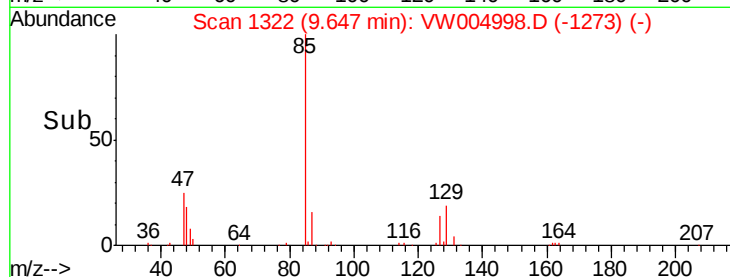
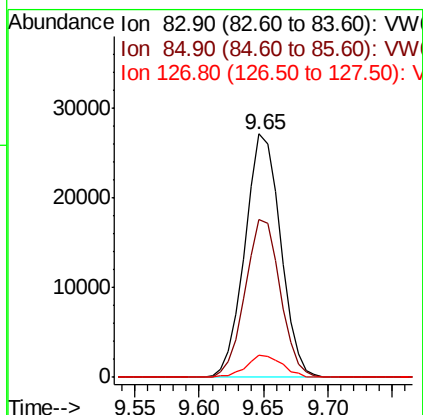
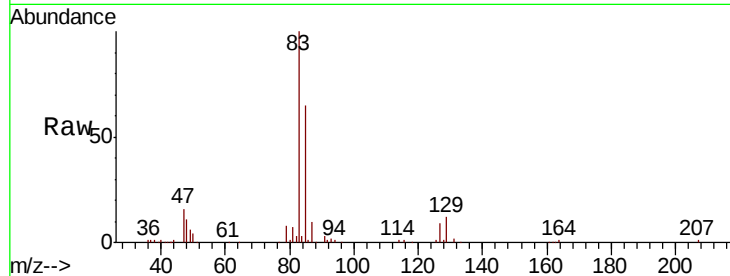




#47
 Bromodichloromethane
 Concen: 9.886 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

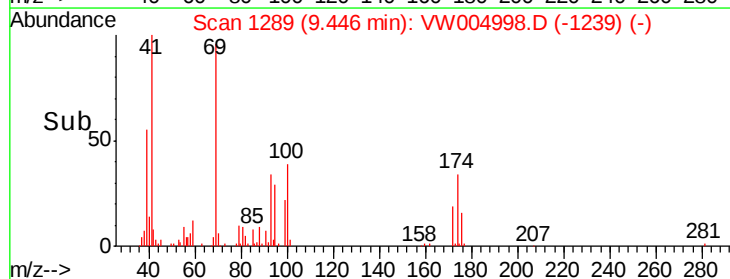
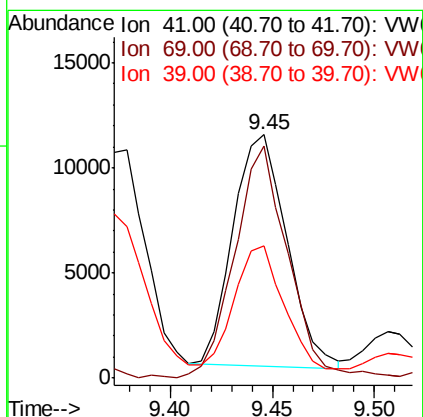
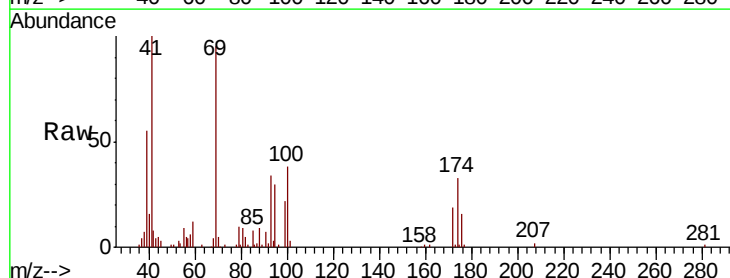
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

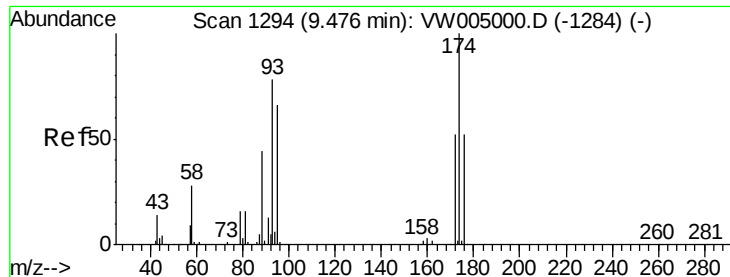
Tgt Ion: 83 Resp: 51944
 Ion Ratio Lower Upper
 83 100
 85 64.9 51.3 76.9
 127 9.3 7.2 10.8



#48
 Methyl methacrylate
 Concen: 8.647 ug/l
 RT: 9.45 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion: 41 Resp: 20202
 Ion Ratio Lower Upper
 41 100
 69 97.6 72.5 108.7
 39 57.7 37.0 55.6#

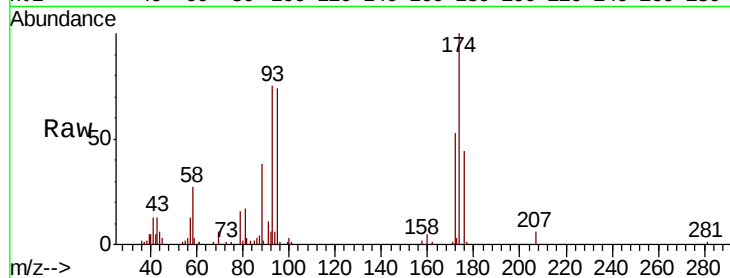




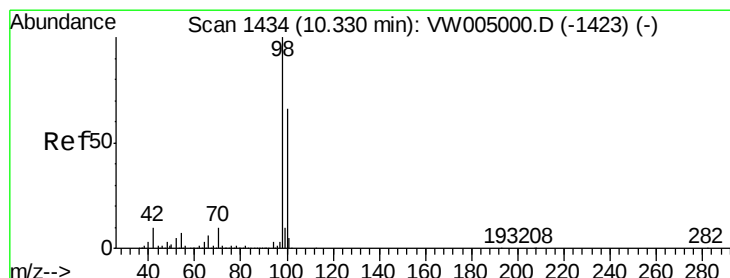
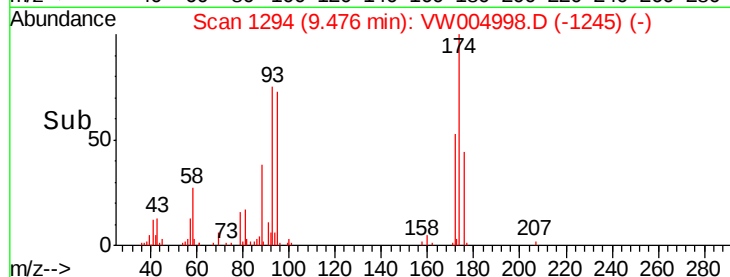
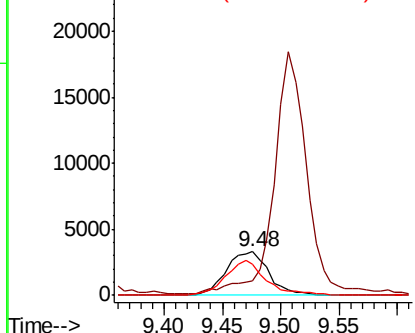
#49
1,4-Dioxane
Concen: 188.921 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 88 Resp: 8337
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 76.6 57.0 85.4

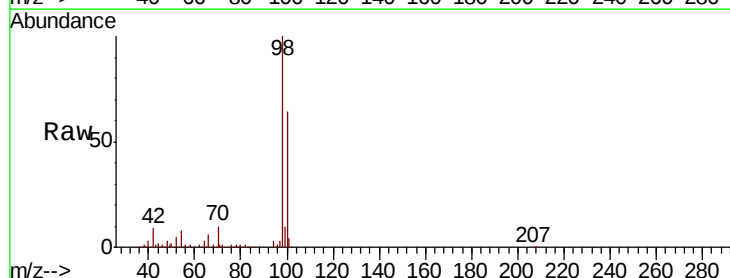


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

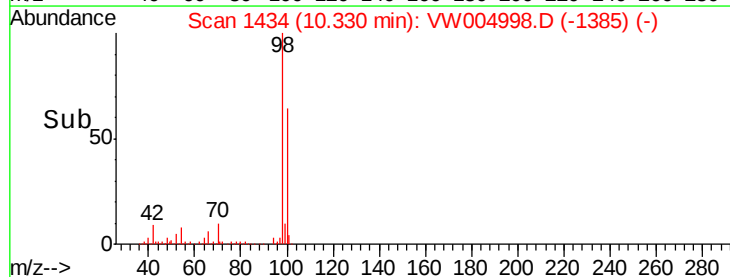
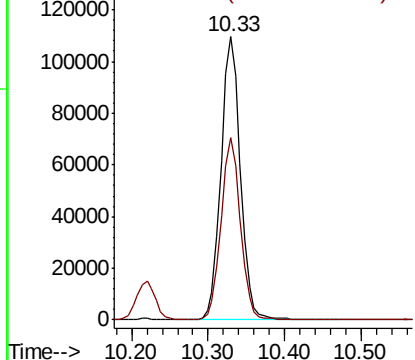


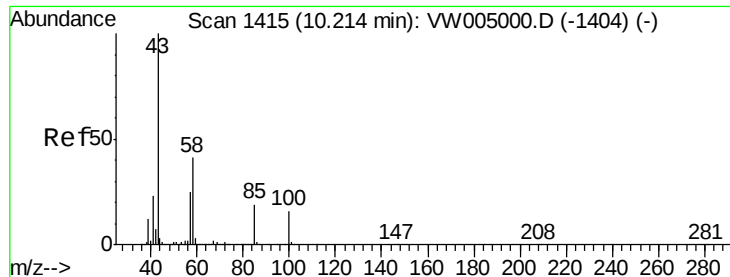
#50
Toluene-d8
Concen: 9.782 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion: 98 Resp: 192693
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



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

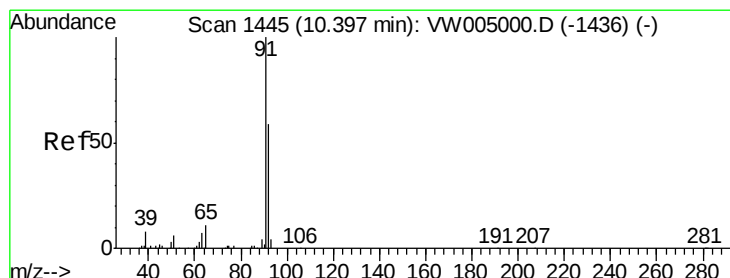
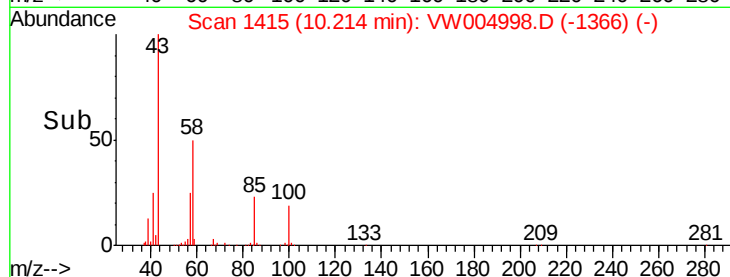
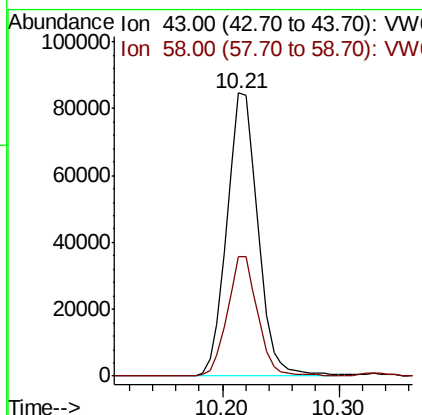
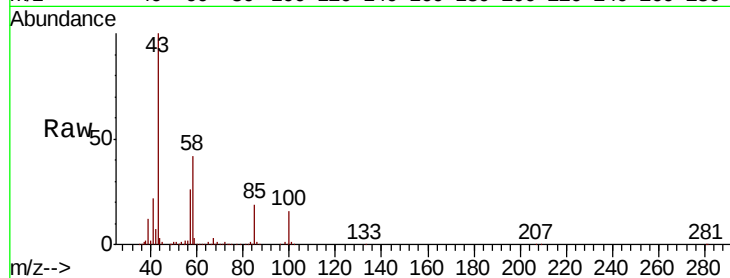




#51
 4-Methyl-2-Pentanone
 Concen: 47.692 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

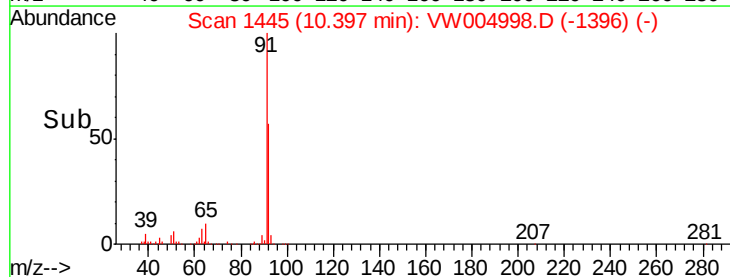
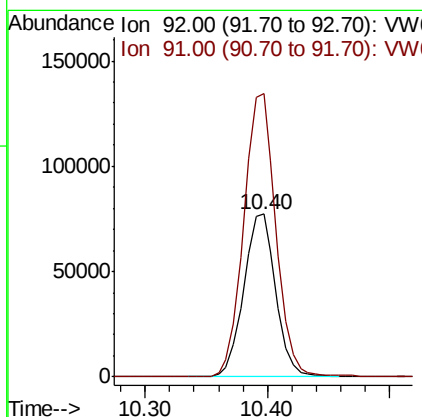
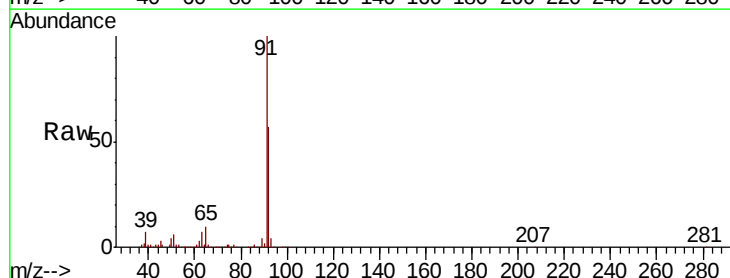
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

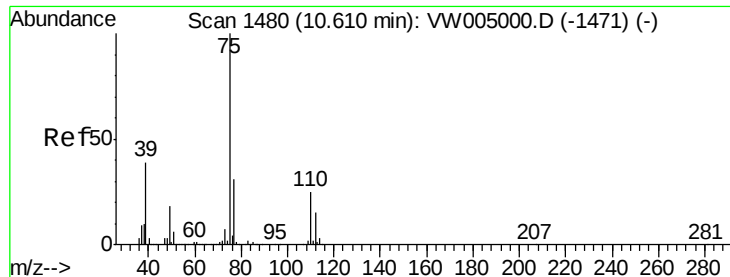
Tgt Ion: 43 Resp: 157169
 Ion Ratio Lower Upper
 43 100
 58 41.0 33.5 50.3



#52
 Toluene
 Concen: 9.634 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion: 92 Resp: 140368
 Ion Ratio Lower Upper
 92 100
 91 175.7 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 8.843 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

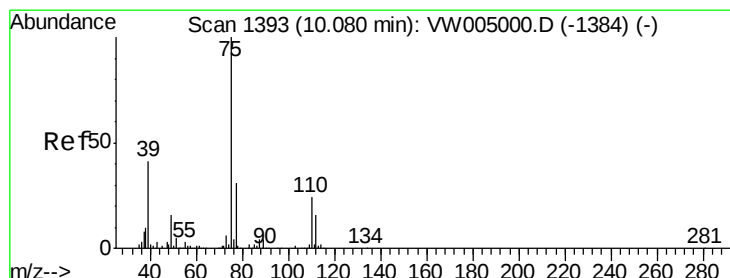
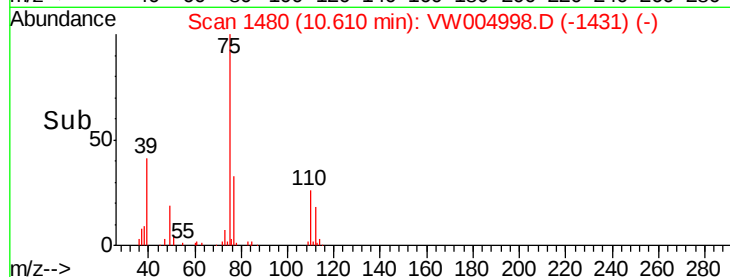
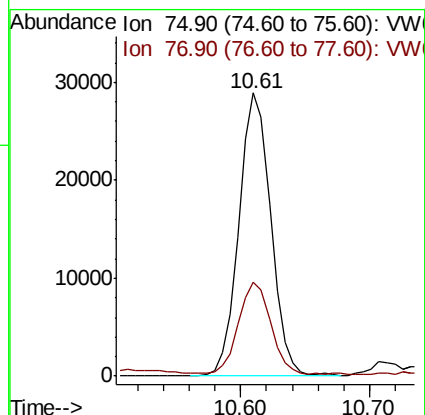
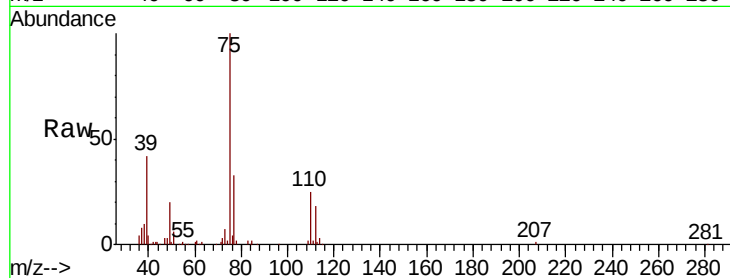
VSTDIC010

Tgt Ion: 75 Resp: 49622

Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 9.253 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

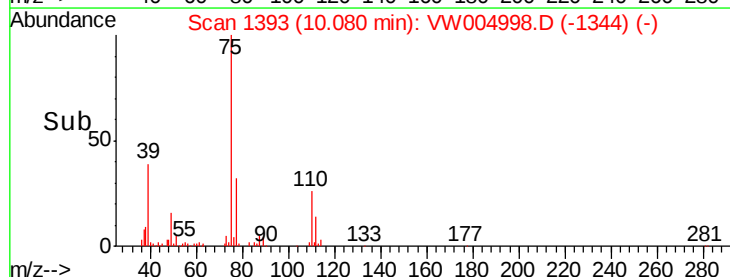
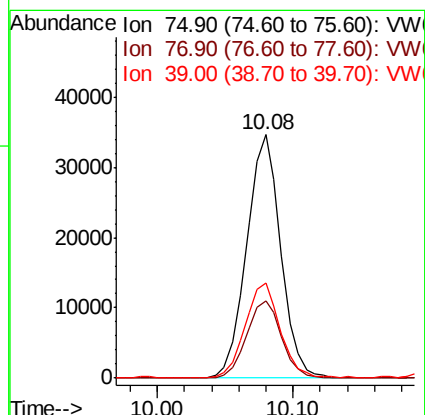
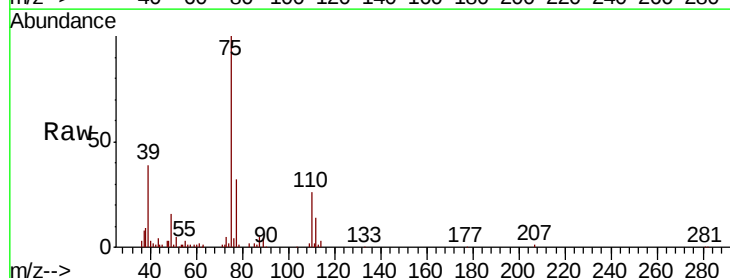
Tgt Ion: 75 Resp: 60551

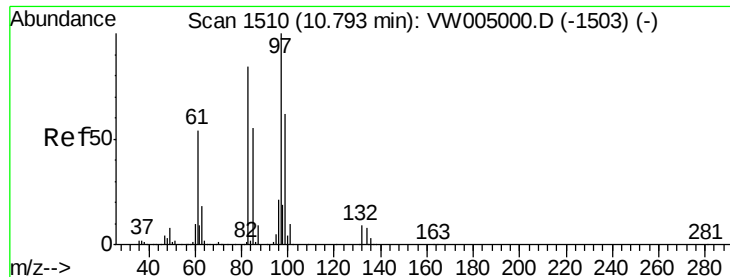
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 39.1 32.9 49.3

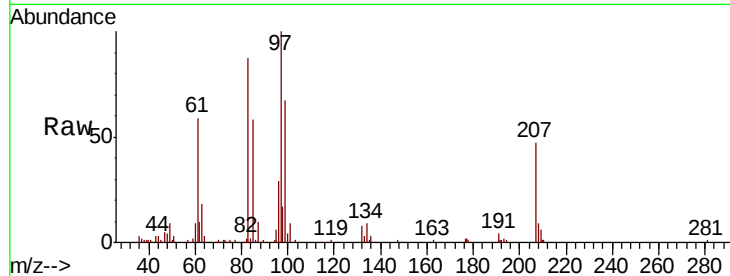




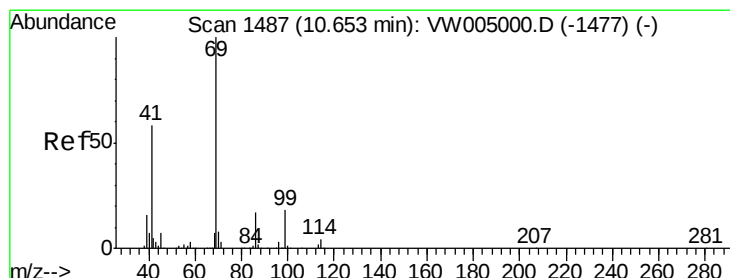
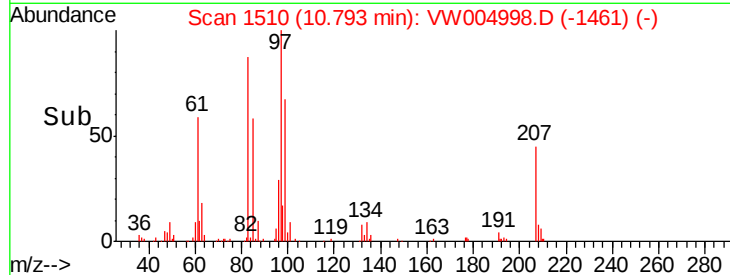
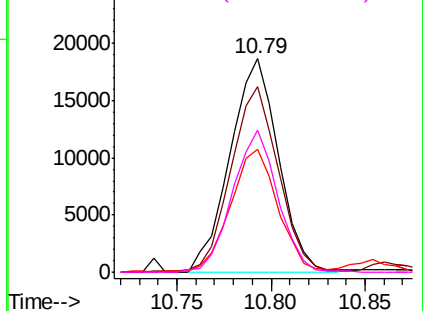
#55
 1,1,2-Trichloroethane
 Concen: 9.522 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tgt Ion:	97	Resp:	33142
Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.3	100.9
85	56.7	44.3	66.5
99	65.9	49.4	74.0

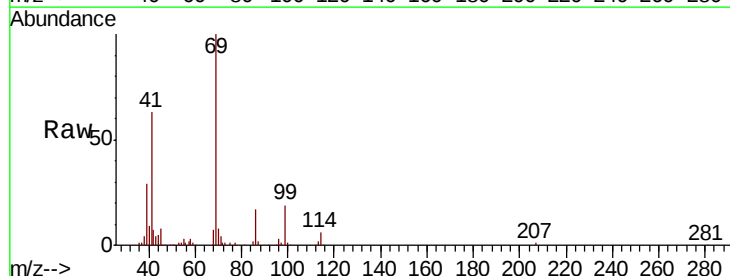


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

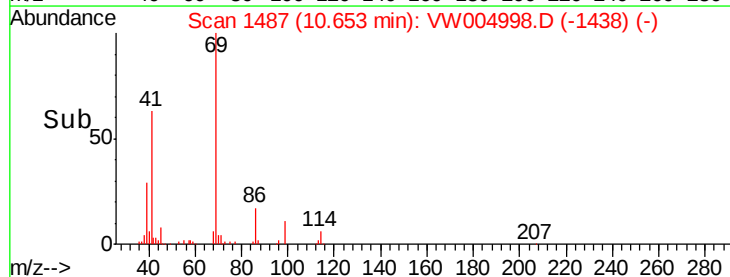
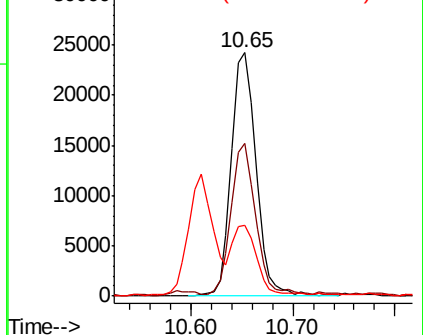


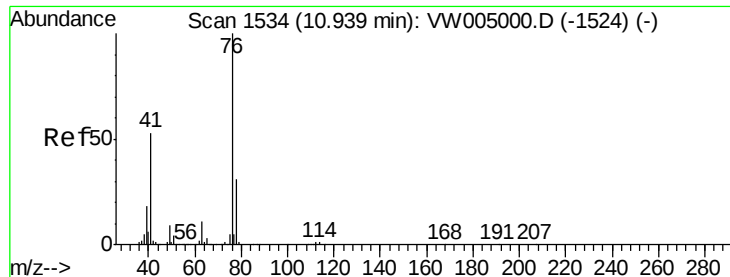
#56
 Ethyl methacrylate
 Concen: 8.938 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion:	69	Resp:	40807
Ion	Ratio	Lower	Upper
69	100		
41	61.5	47.7	71.5
39	27.9	21.0	31.6



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





#57

1,3-Dichloropropane

Concen: 9.622 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

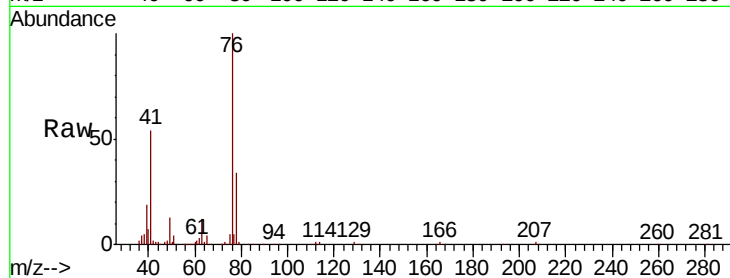
VSTDIC010

Tgt Ion: 76 Resp: 55111

Ion Ratio Lower Upper

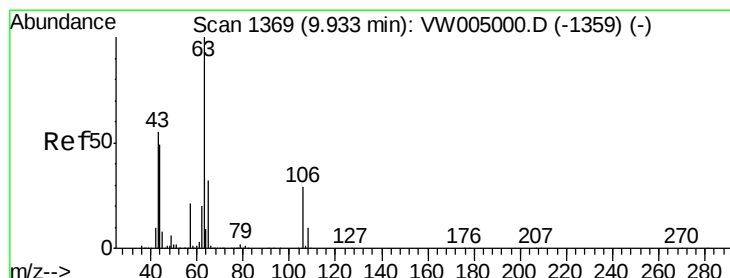
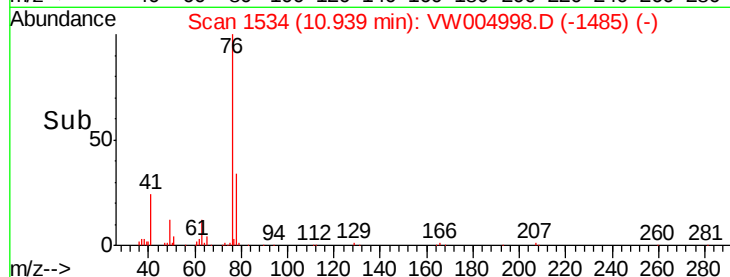
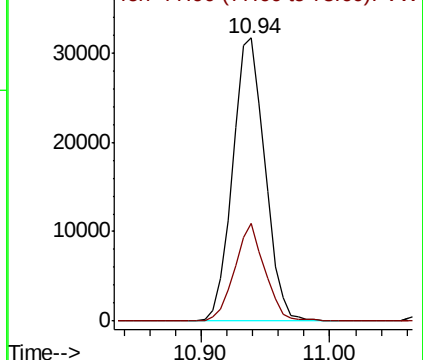
76 100

78 32.7 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 43.971 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW004998.D

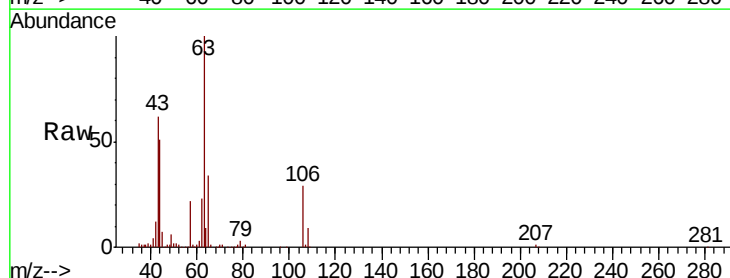
Acq: 29 Aug 2018 12:36

Tgt Ion: 63 Resp: 86489

Ion Ratio Lower Upper

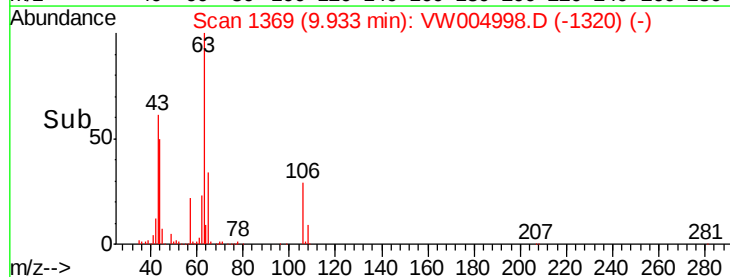
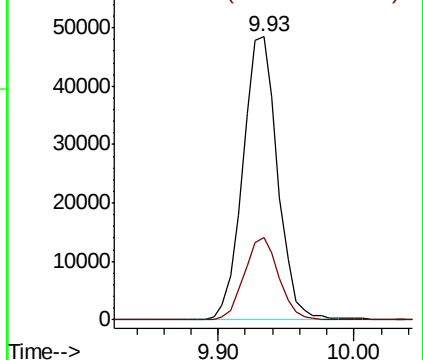
63 100

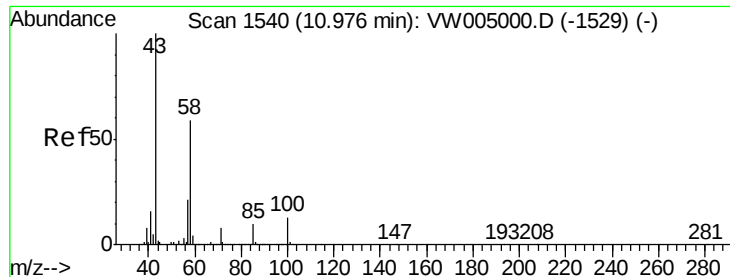
106 29.1 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

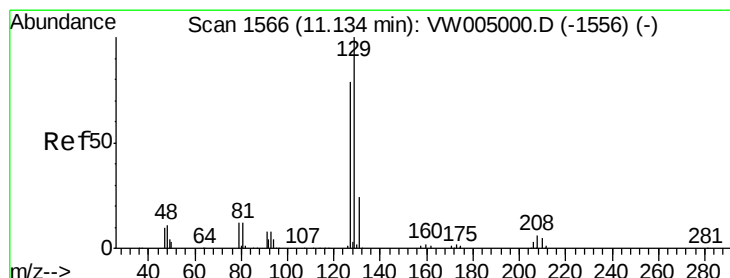
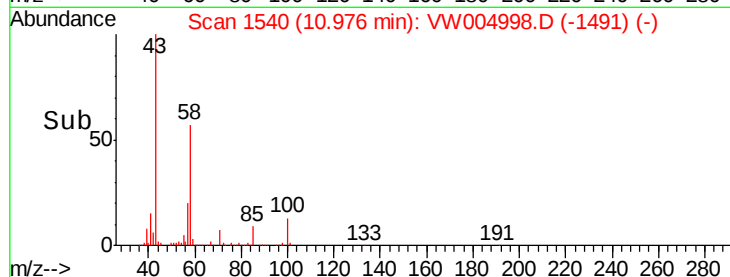
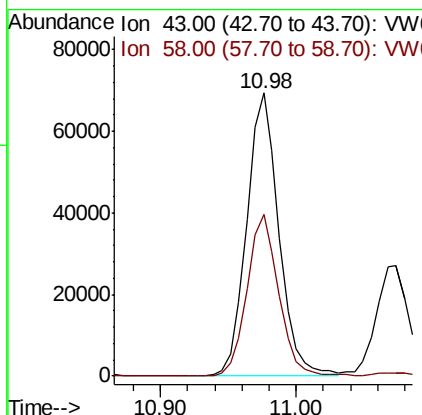
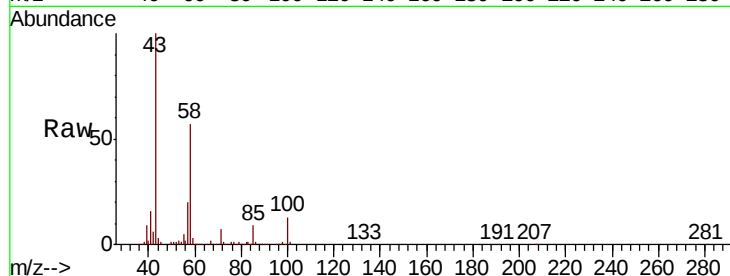




#59
2-Hexanone
Concen: 48.108 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

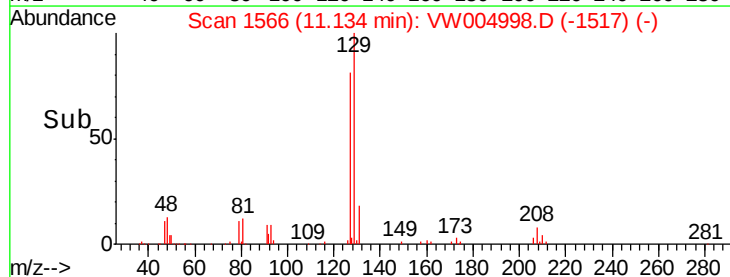
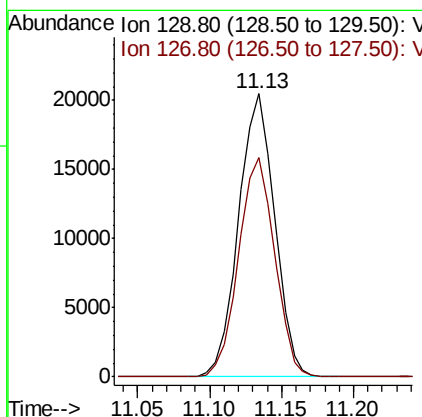
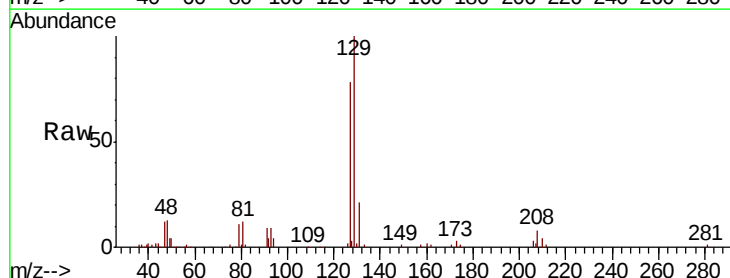
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

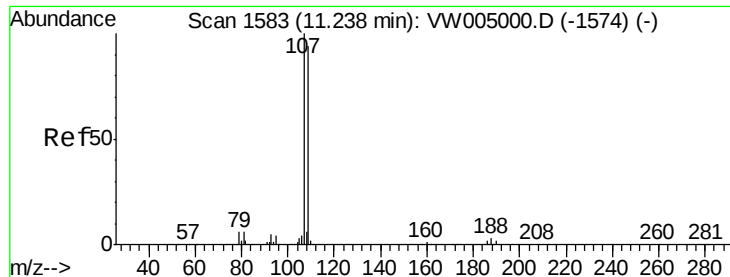
Tgt Ion: 43 Resp: 114788
Ion Ratio Lower Upper
43 100
58 56.2 29.2 87.6



#60
Dibromochloromethane
Concen: 9.326 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion: 129 Resp: 35626
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.8

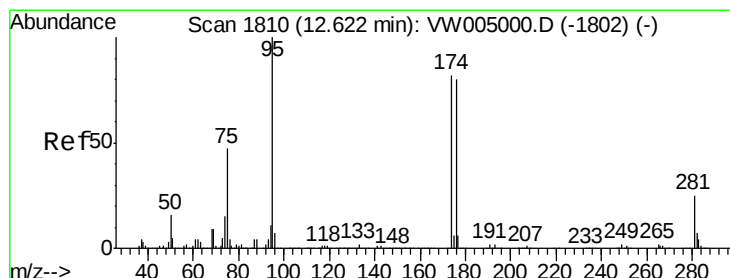
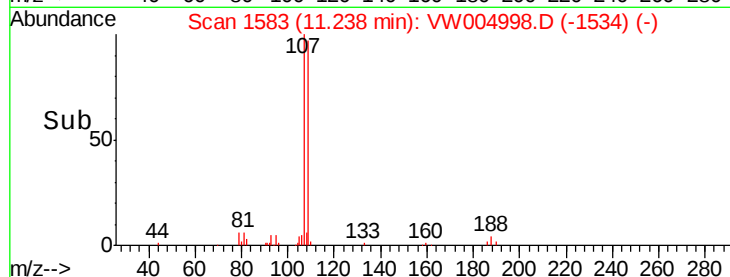
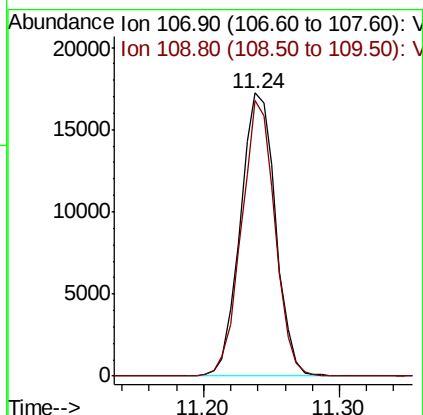
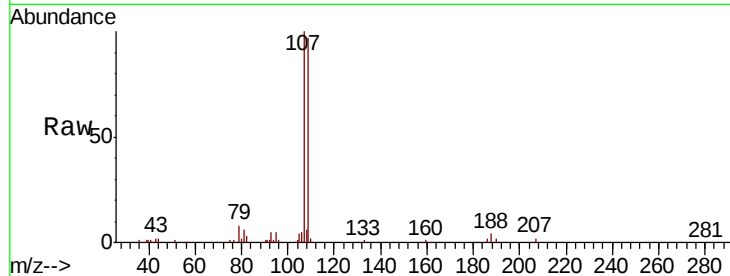




#61
1,2-Dibromoethane
Concen: 9.541 ug/l
RT: 11.24 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

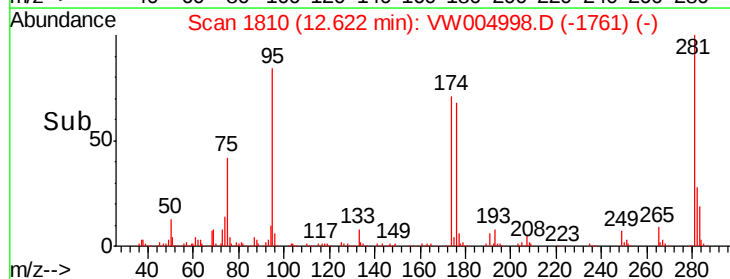
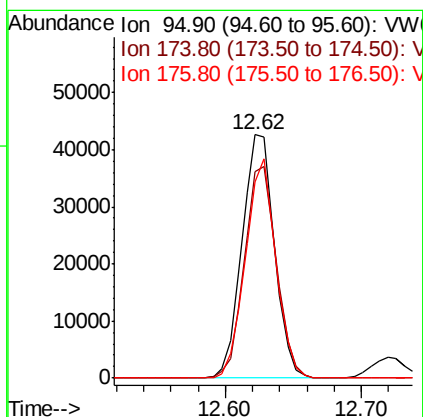
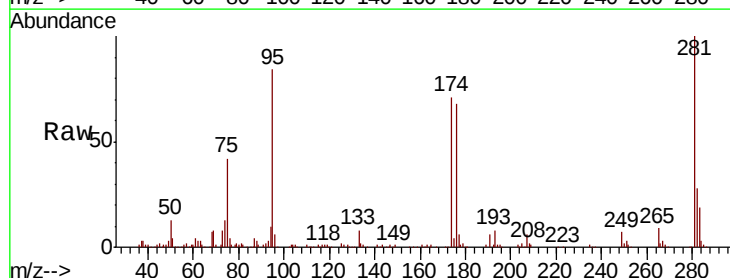
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

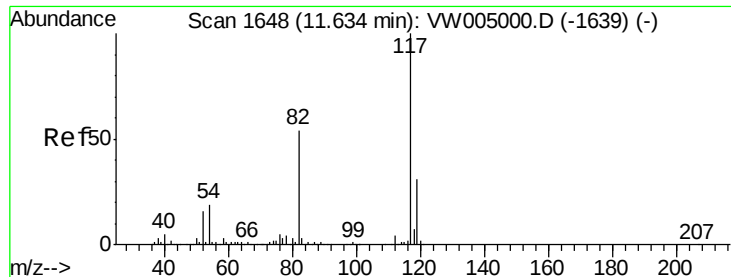
Tgt Ion: 107 Resp: 31135
Ion Ratio Lower Upper
107 100
109 92.4 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 9.901 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion: 95 Resp: 71111
Ion Ratio Lower Upper
95 100
174 86.2 0.0 173.4
176 84.7 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

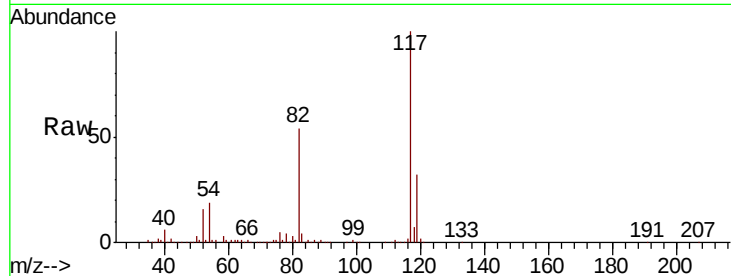
Tgt Ion:117 Resp: 764074

Ion Ratio Lower Upper

117 100

82 53.7 43.3 64.9

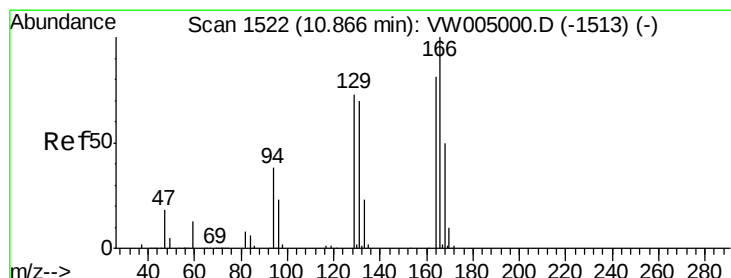
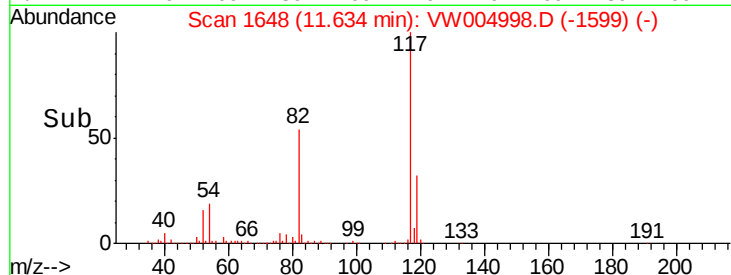
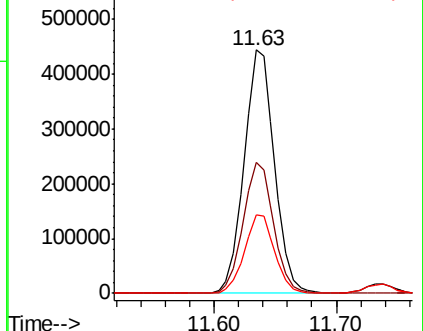
119 32.3 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 9.722 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Tgt Ion:164 Resp: 54159

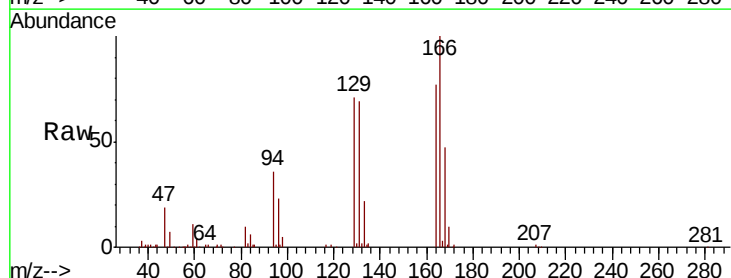
Ion Ratio Lower Upper

164 100

166 130.0 99.4 149.0

129 92.3 72.2 108.2

131 89.4 69.3 103.9

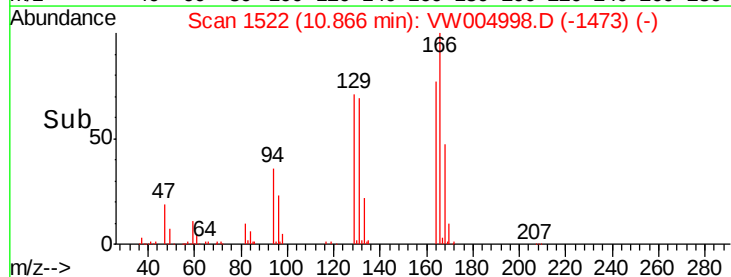
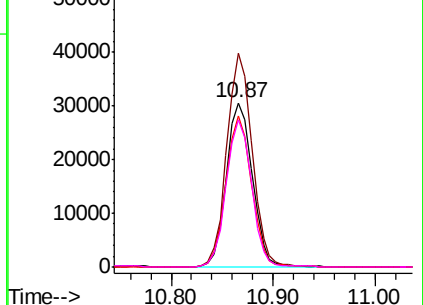


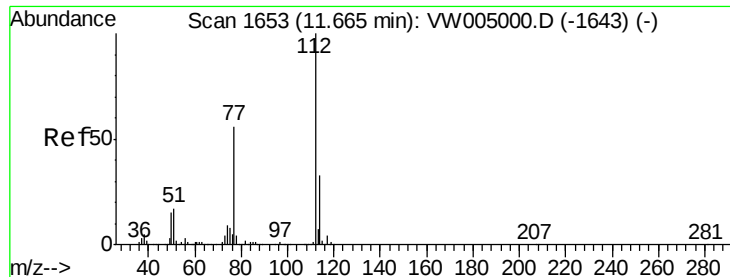
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

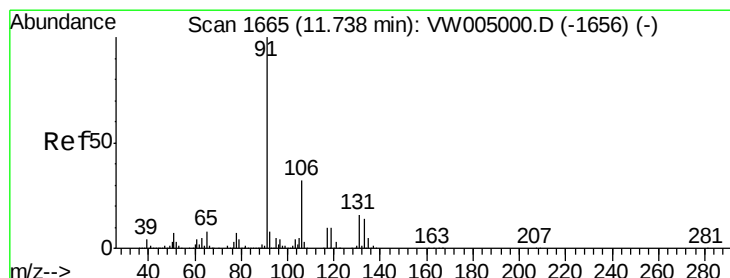
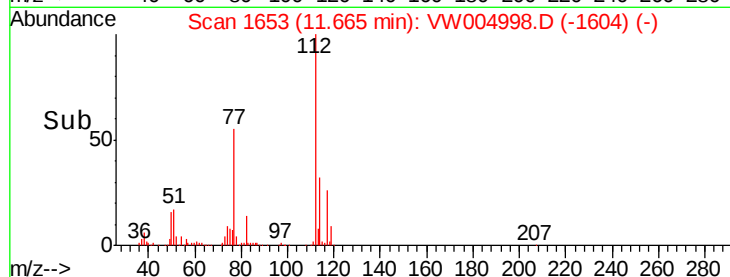
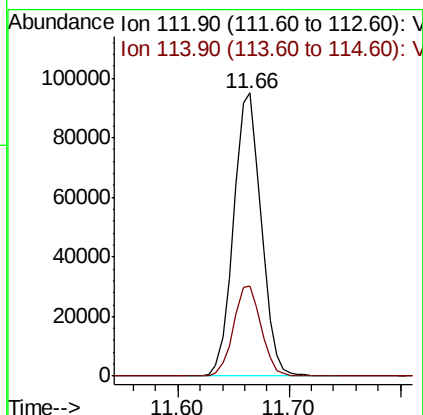
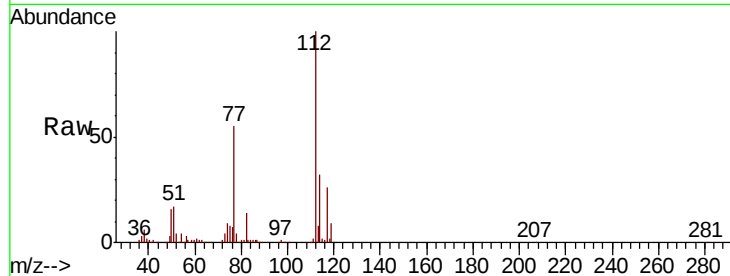




#65
Chlorobenzene
Concen: 9.714 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

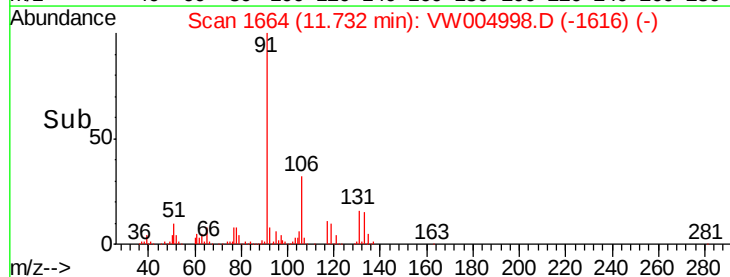
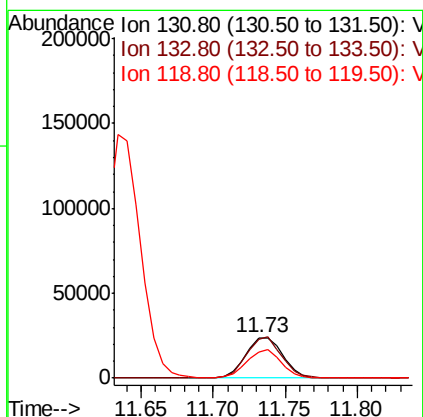
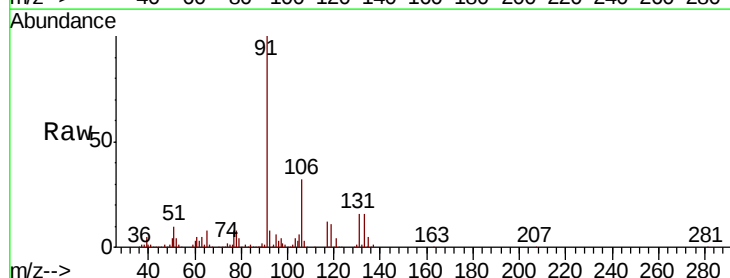
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

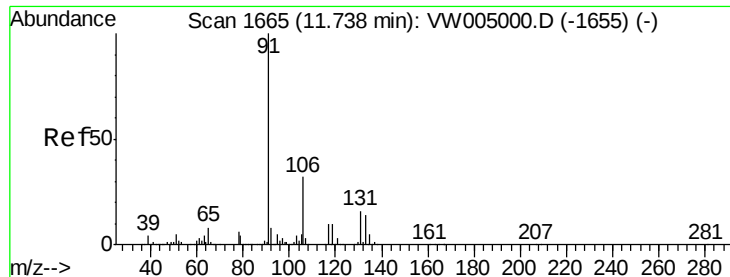
Tgt Ion:112 Resp: 163075
Ion Ratio Lower Upper
112 100
114 31.7 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 9.336 ug/l
RT: 11.73 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion:131 Resp: 43044
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.3
119 66.3 33.1 99.3

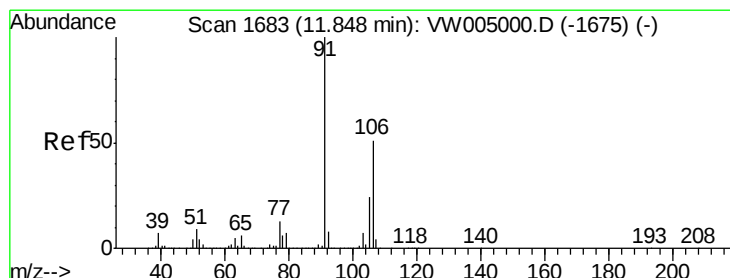
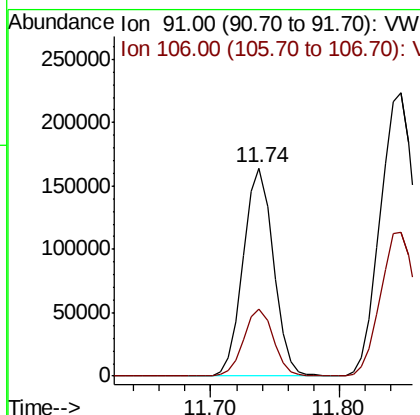
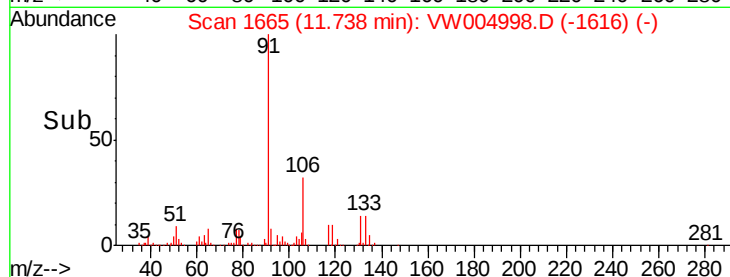
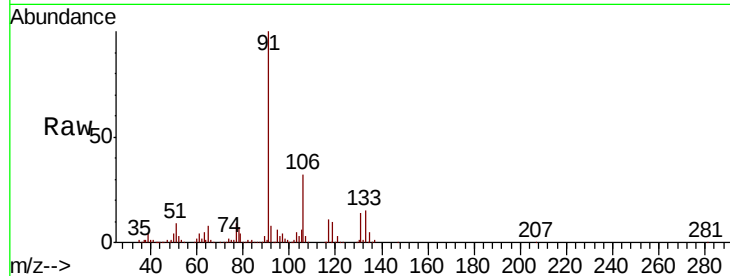




#67
Ethyl Benzene
Concen: 9.285 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

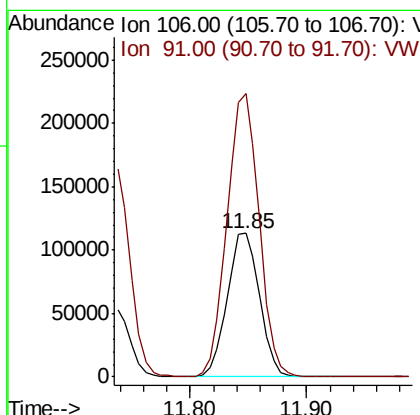
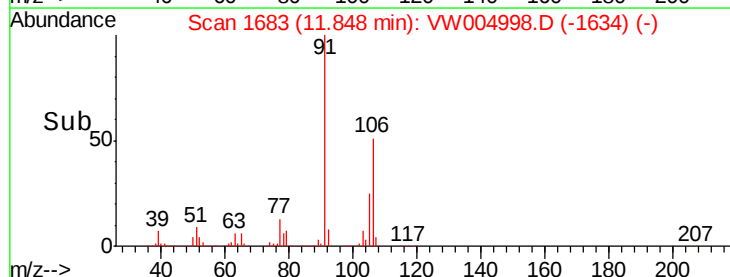
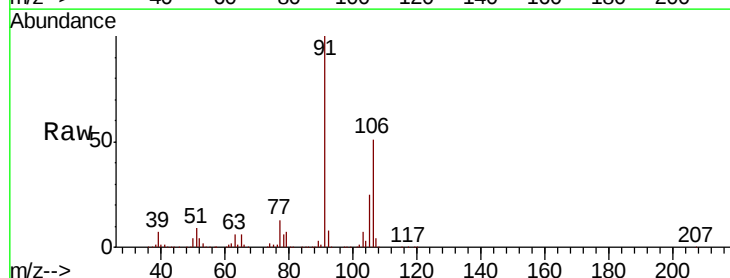
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

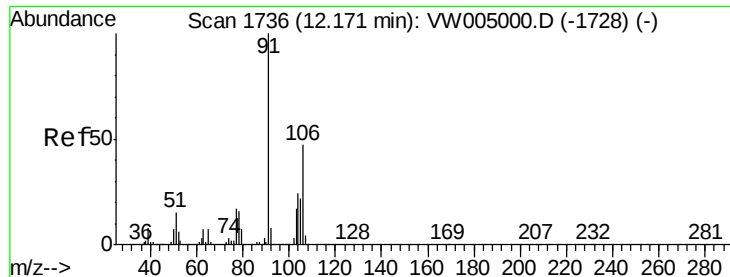
Tgt Ion: 91 Resp: 266886
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.2



#68
m/p-Xylenes
Concen: 18.666 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion: 106 Resp: 218837
Ion Ratio Lower Upper
106 100
91 195.7 158.4 237.6

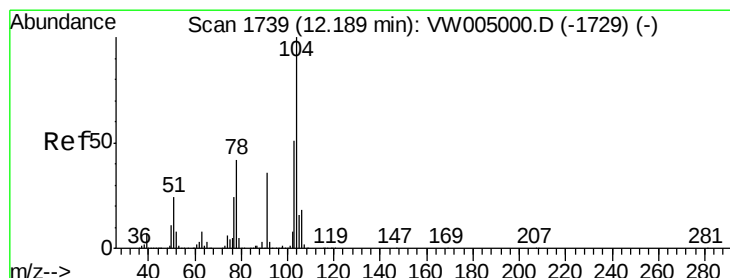
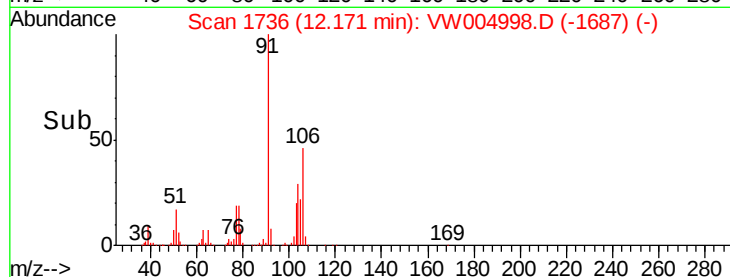
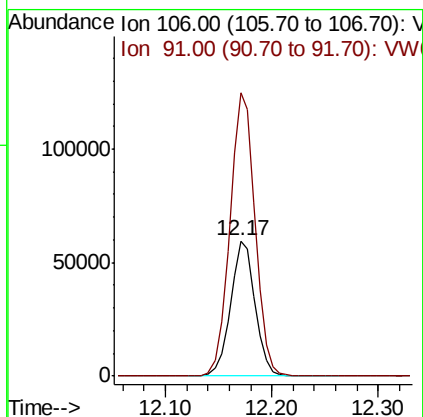
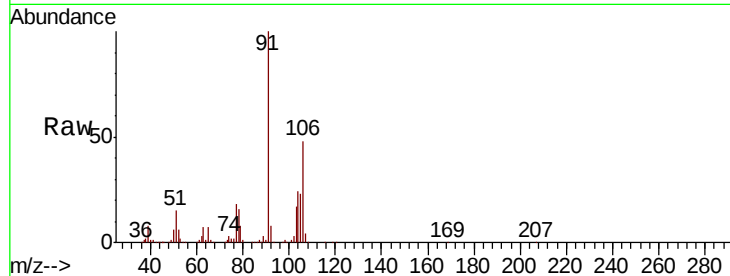




#69
o-Xylene
Concen: 8.918 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

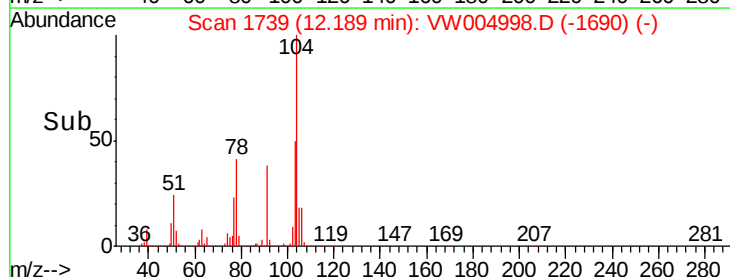
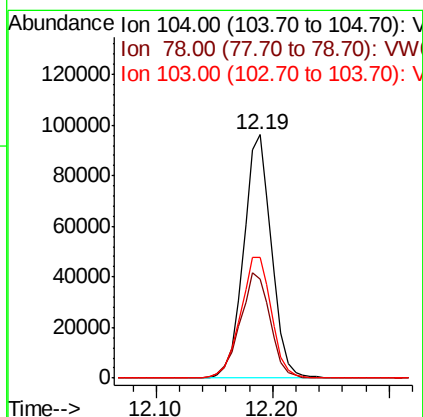
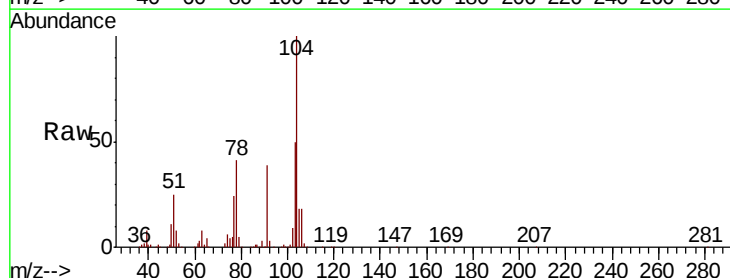
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

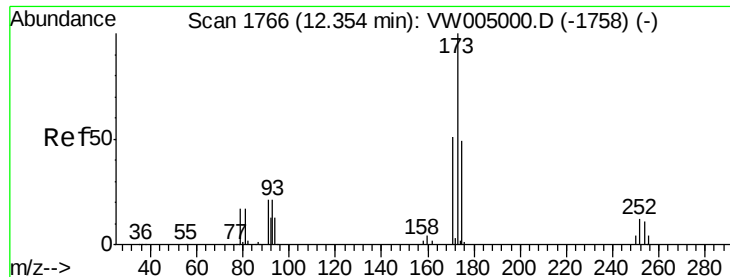
Tgt Ion:106 Resp: 95540
Ion Ratio Lower Upper
106 100
91 215.7 104.4 313.1



#70
Styrene
Concen: 8.981 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion:104 Resp: 159603
Ion Ratio Lower Upper
104 100
78 47.3 37.6 56.4
103 55.6 43.9 65.9

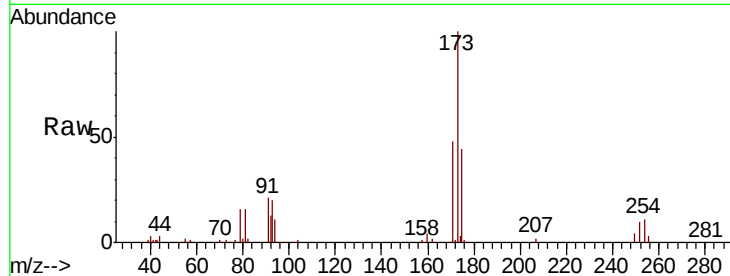




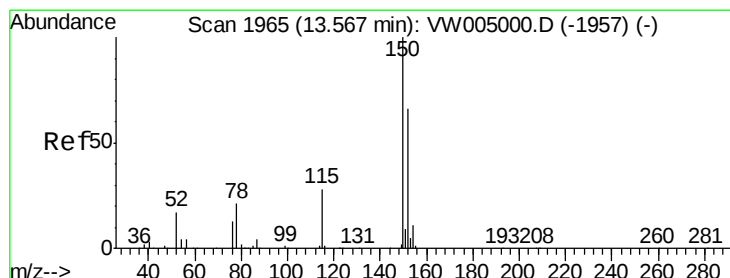
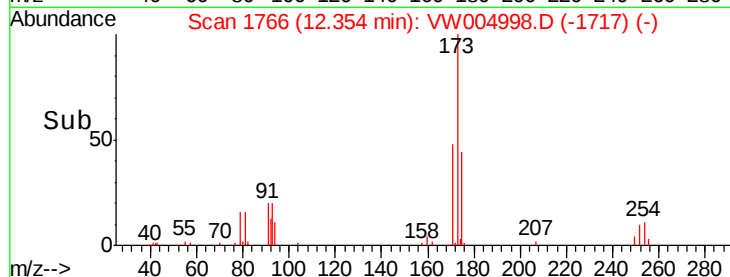
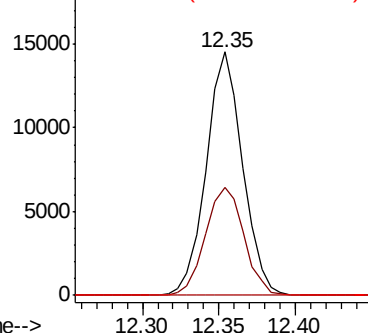
#71
Bromoform
Concen: 9.352 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:173 Resp: 23976
Ion Ratio Lower Upper
173 100
175 46.7 24.3 73.0
254 0.0 0.1 0.1#

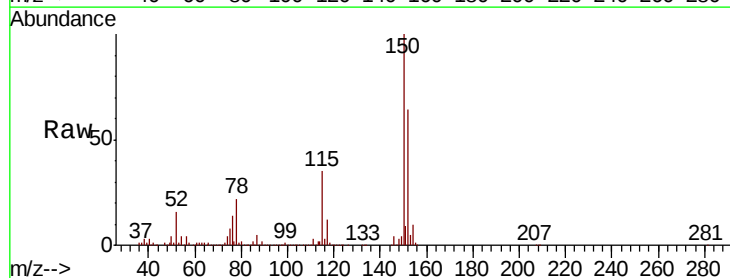


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

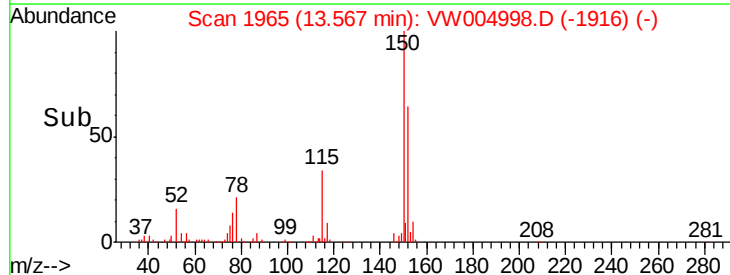
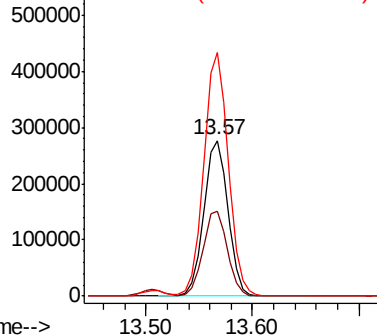


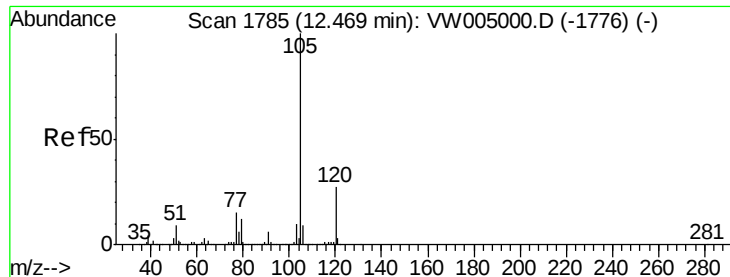
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004998.D
Acq: 29 Aug 2018 12:36

Tgt Ion:152 Resp: 439843
Ion Ratio Lower Upper
152 100
115 55.3 28.0 83.9
150 158.5 0.0 347.2



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: 8.886 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

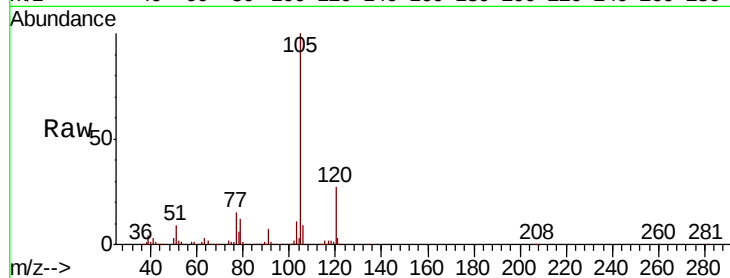
VSTDIC010

Tgt Ion: 105 Resp: 260539

Ion Ratio Lower Upper

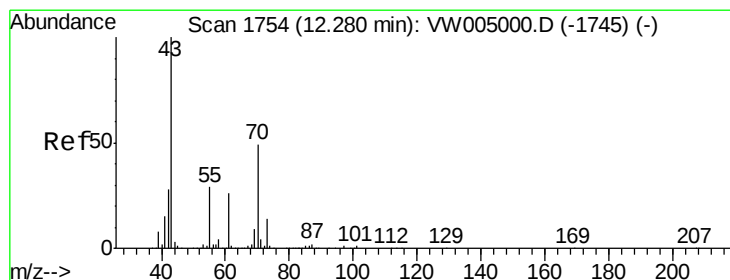
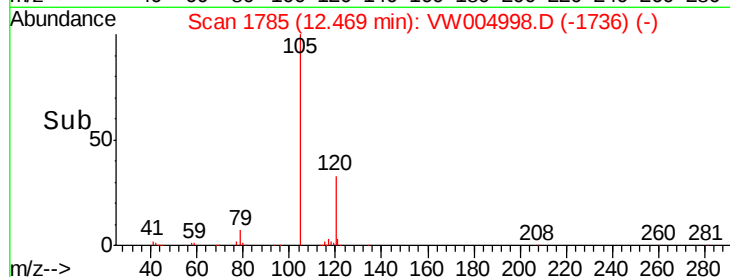
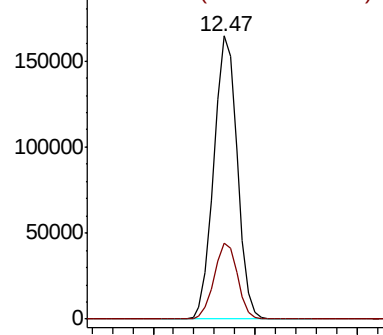
105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 9.000 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Tgt Ion: 43 Resp: 49798

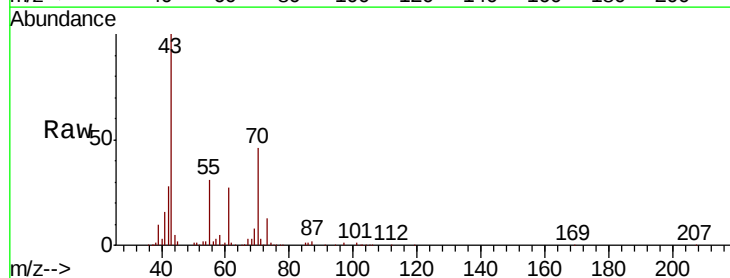
Ion Ratio Lower Upper

43 100

70 46.4 38.6 57.8

55 30.8 23.6 35.4

61 25.6 21.0 31.6

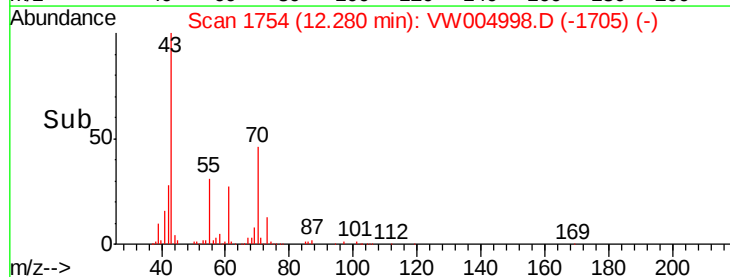
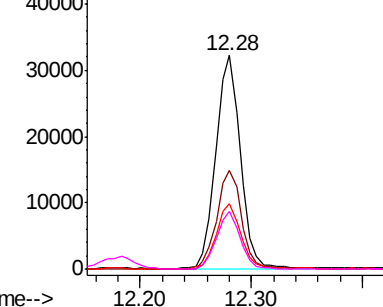


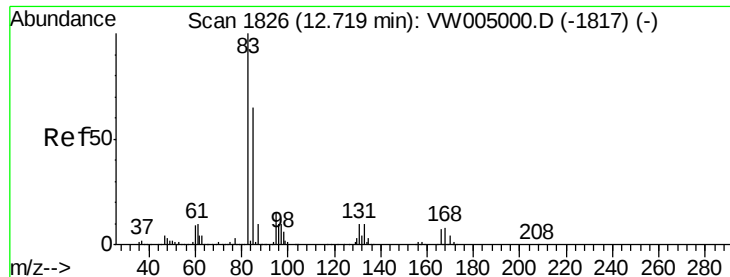
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 9.709 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

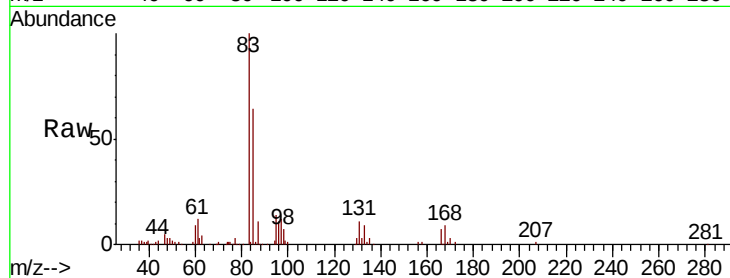
Tgt Ion: 83 Resp: 43104

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.5

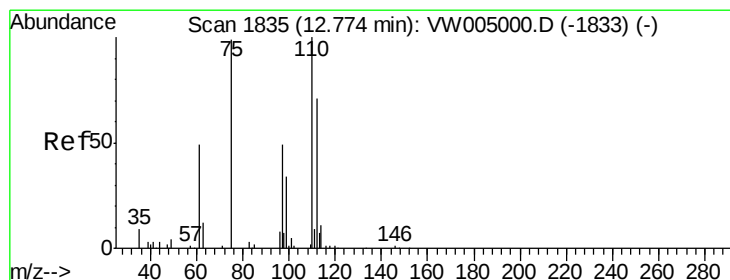
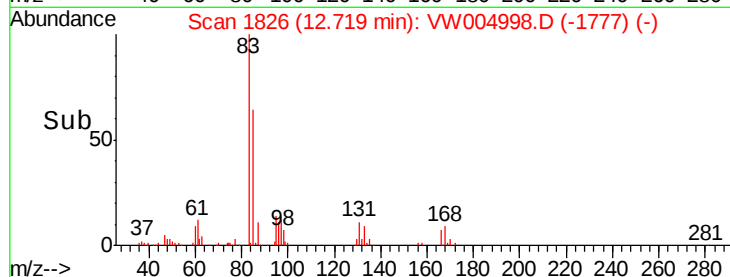
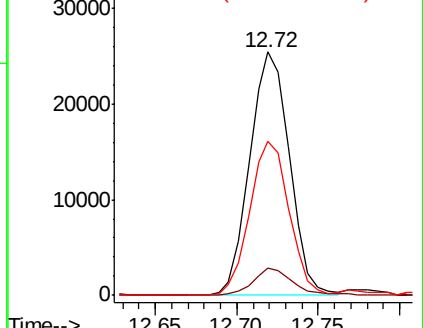
85 63.0 31.9 95.9



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: 10.370 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW004998.D

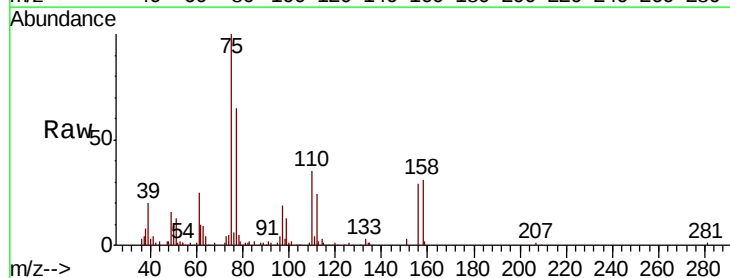
Acq: 29 Aug 2018 12:36

Tgt Ion: 75 Resp: 56936

Ion Ratio Lower Upper

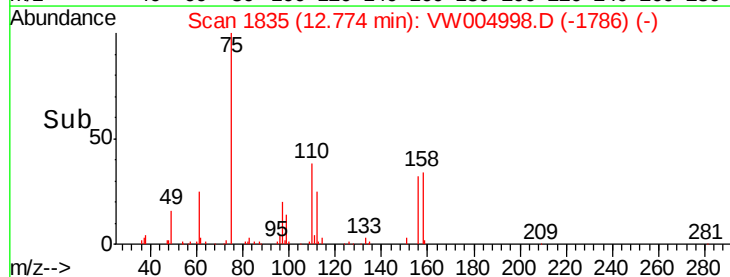
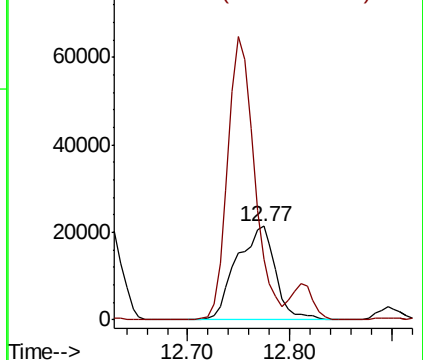
75 100

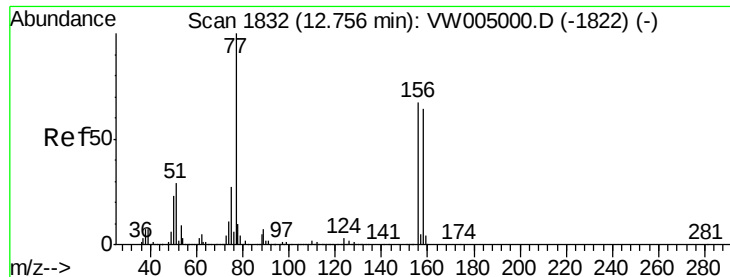
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 9.401 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

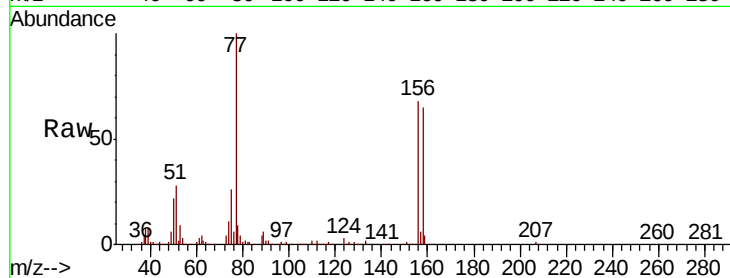
Tgt Ion:156 Resp: 67630

Ion Ratio Lower Upper

156 100

77 175.1 86.9 260.6

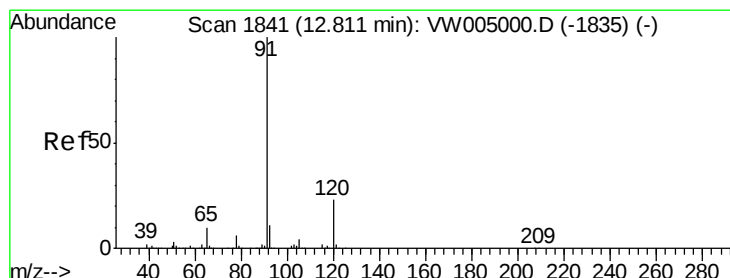
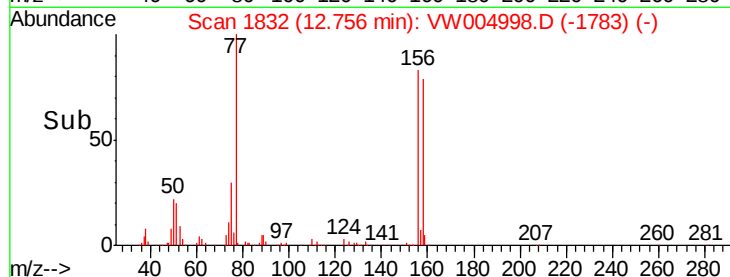
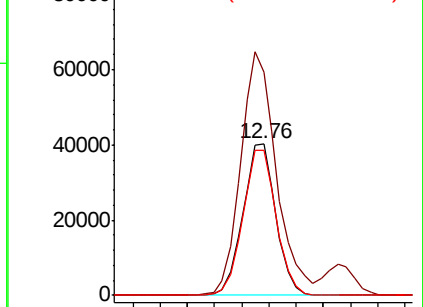
158 97.7 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 8.873 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004998.D

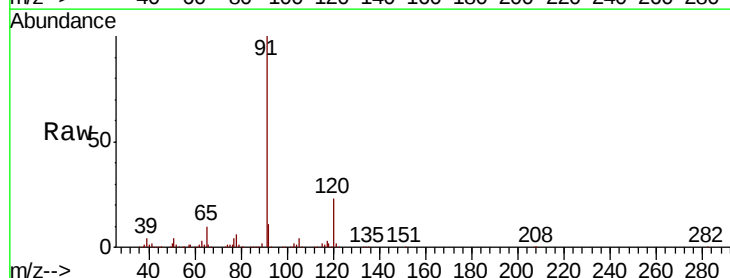
Acq: 29 Aug 2018 12:36

Tgt Ion: 91 Resp: 320905

Ion Ratio Lower Upper

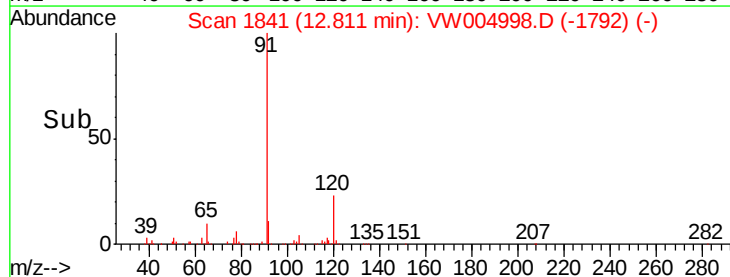
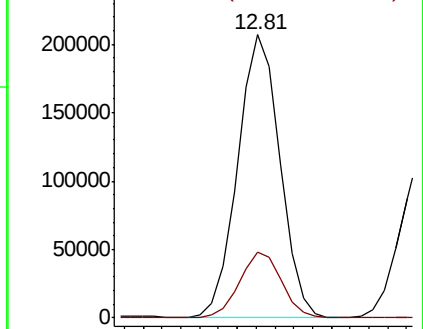
91 100

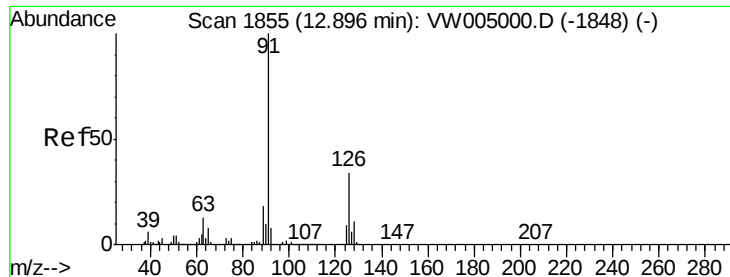
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 9.181 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

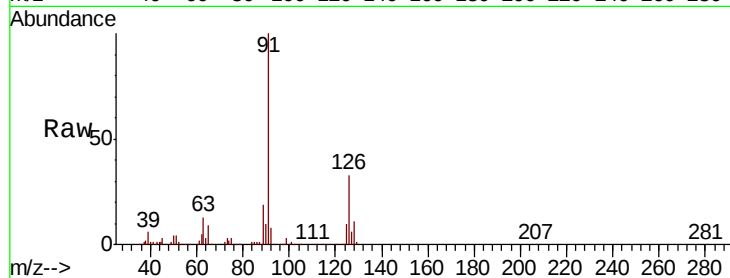
VSTDIC010

Tgt Ion: 91 Resp: 191780

Ion Ratio Lower Upper

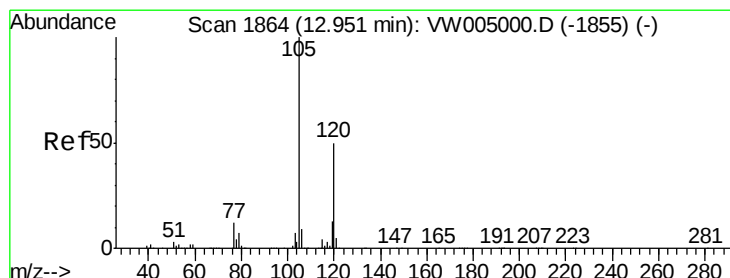
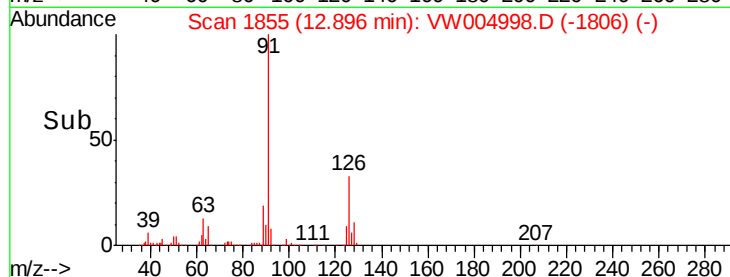
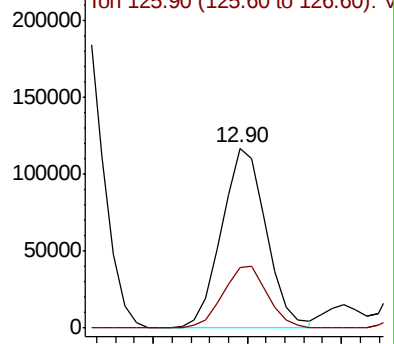
91 100

126 34.4 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 8.863 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004998.D

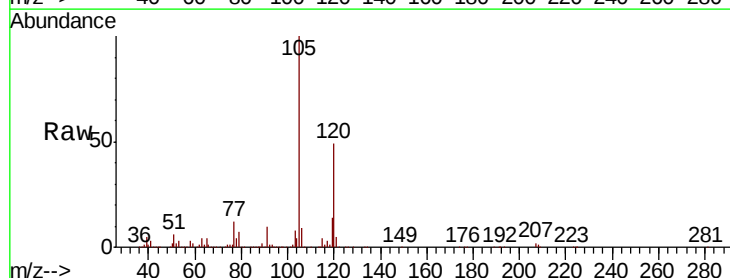
Acq: 29 Aug 2018 12:36

Tgt Ion: 105 Resp: 229592

Ion Ratio Lower Upper

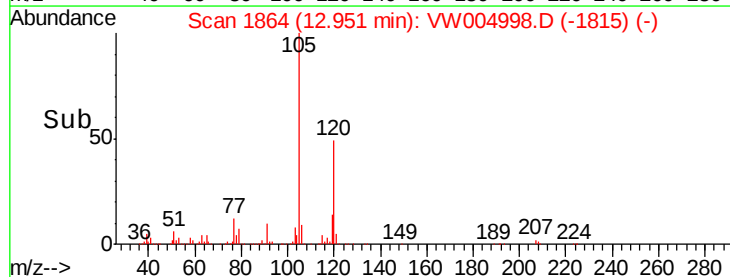
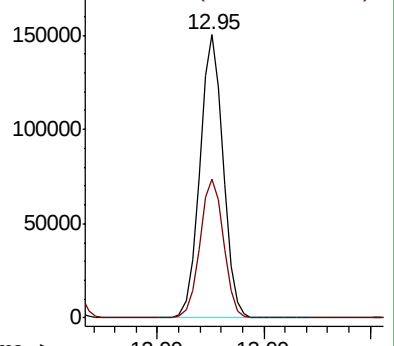
105 100

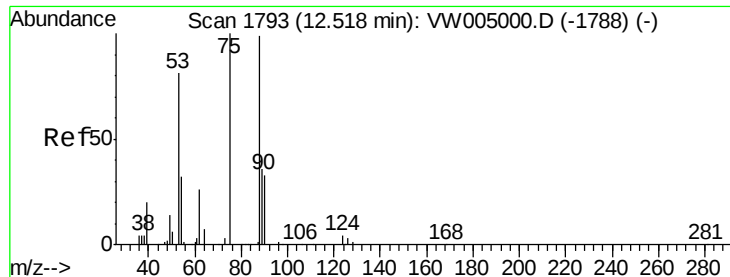
120 49.9 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 9.152 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

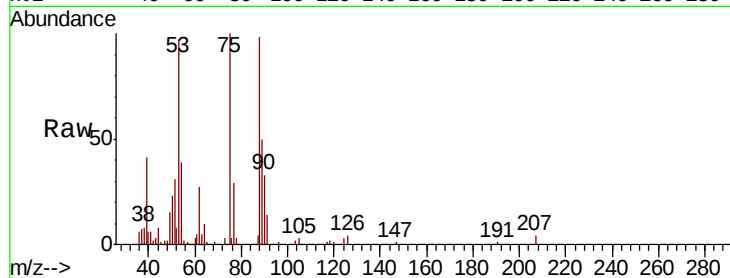
Tgt Ion: 75 Resp: 12615

Ion Ratio Lower Upper

75 100

53 89.1 67.4 101.2

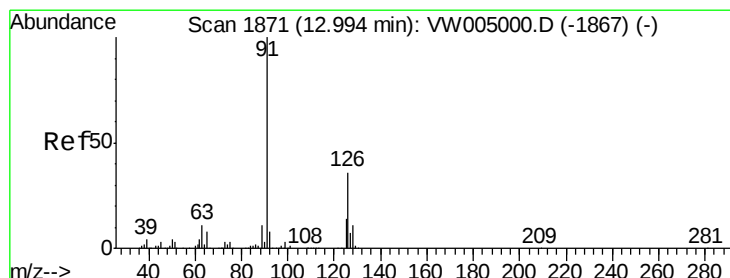
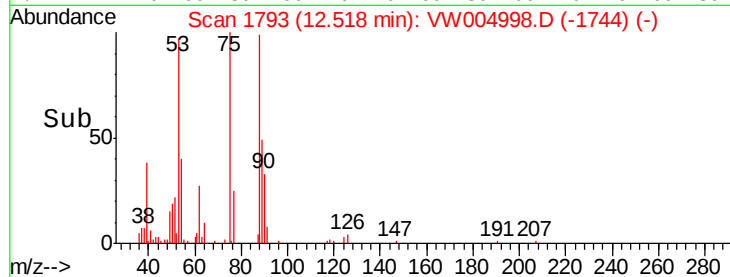
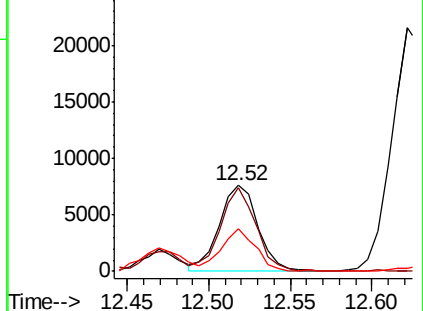
89 44.3 35.0 52.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 9.379 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.00 min

Lab File: VW004998.D

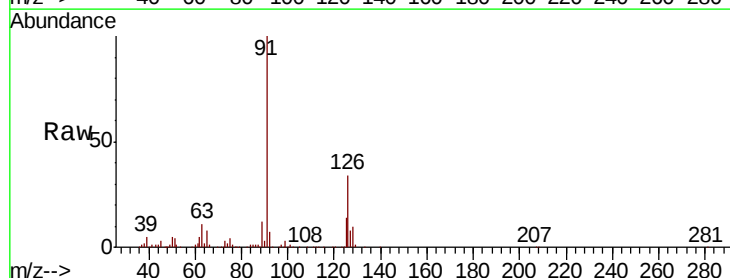
Acq: 29 Aug 2018 12:36

Tgt Ion: 91 Resp: 208736

Ion Ratio Lower Upper

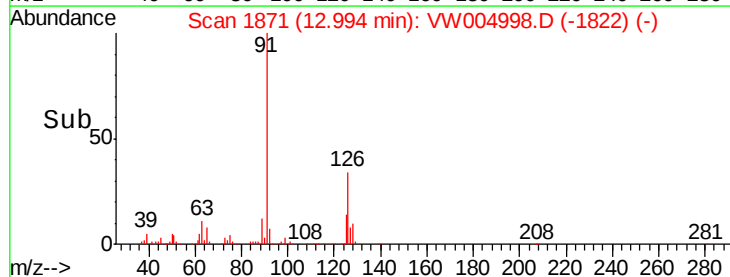
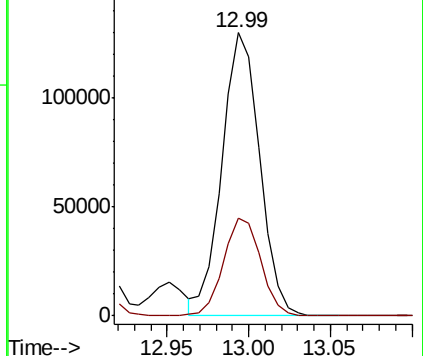
91 100

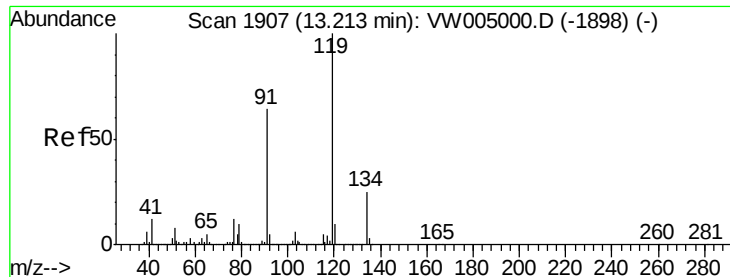
126 34.4 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

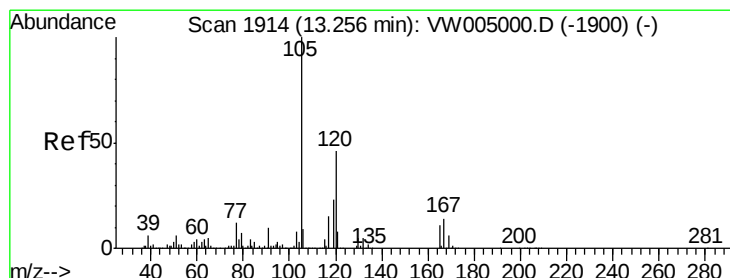
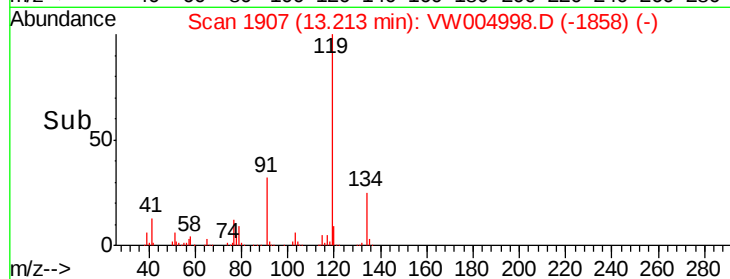
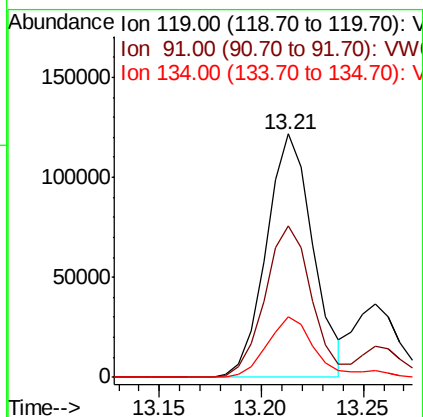
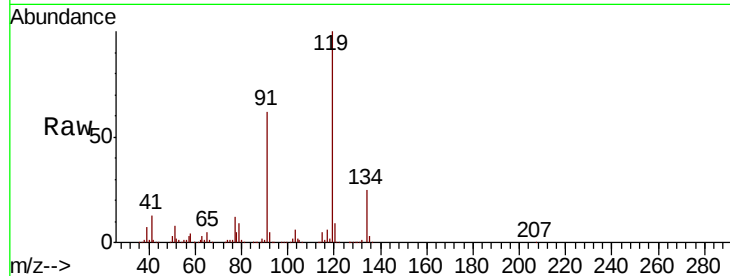




#83
 tert-Butylbenzene
 Concen: 8.903 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

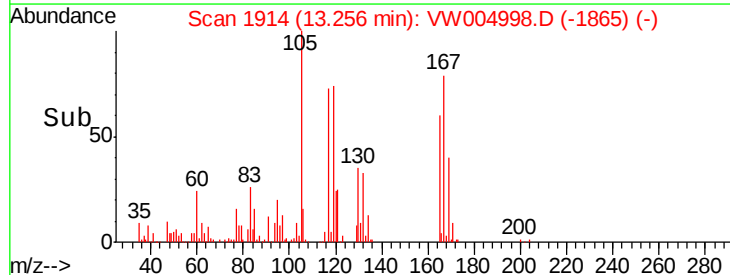
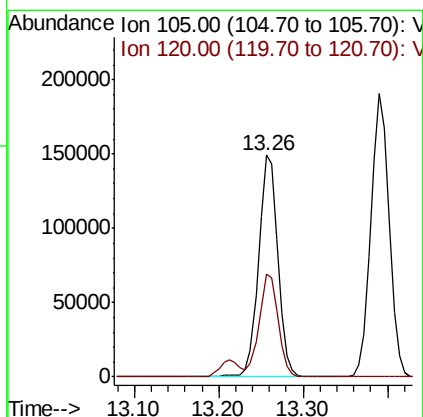
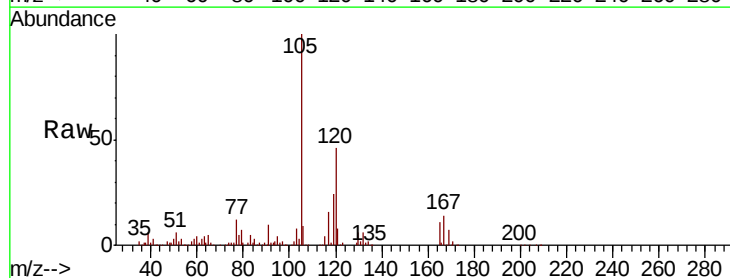
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

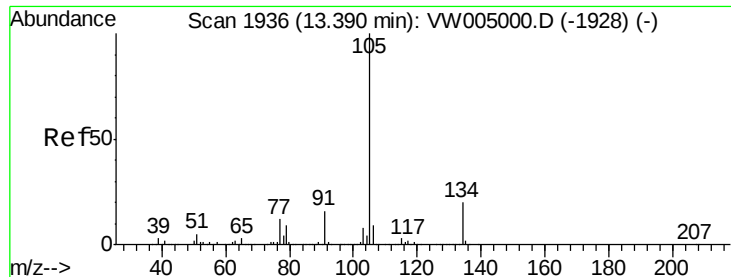
Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.1	31.9	95.5
134	24.5	13.2	39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 8.875 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.9	68.7

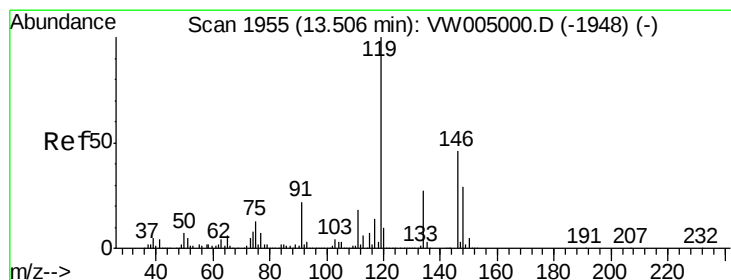
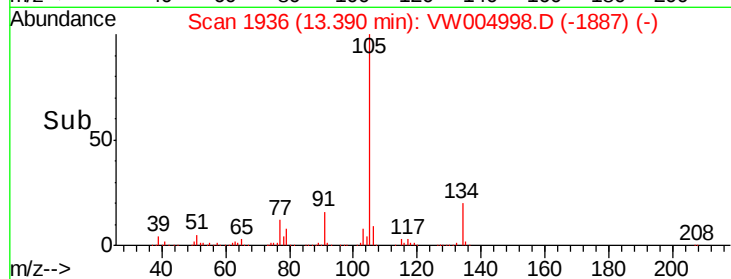
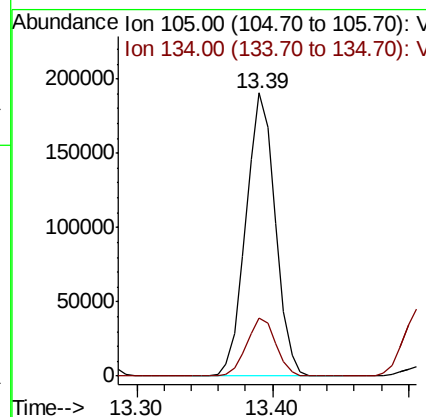
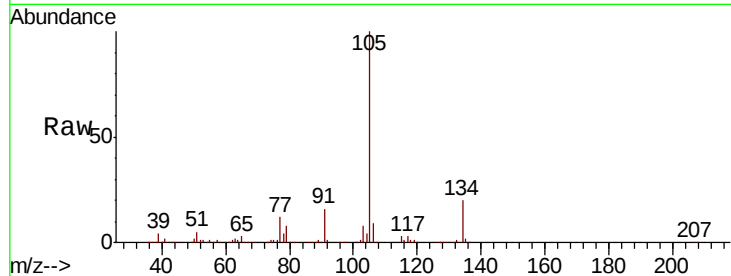




#85
 sec-Butylbenzene
 Concen: 9.015 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

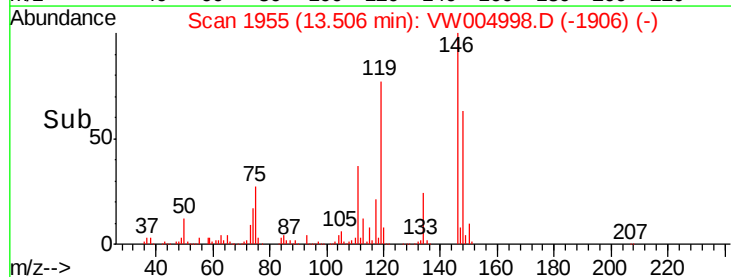
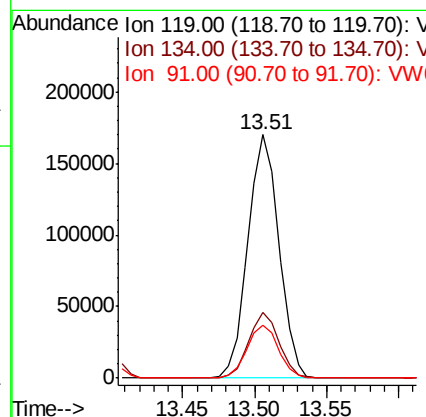
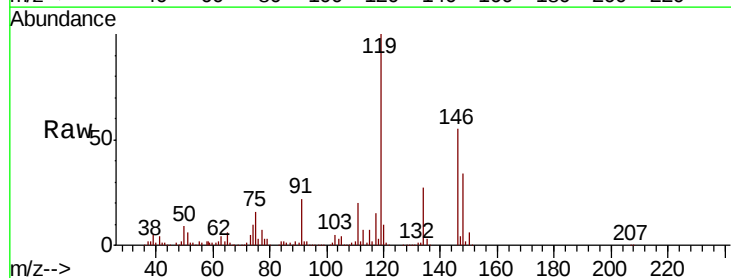
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

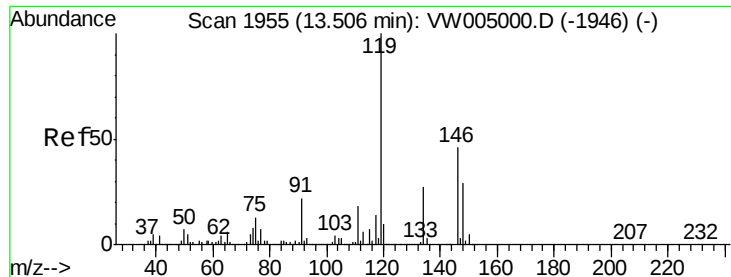
Tgt Ion:105 Resp: 287941
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 8.837 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion:119 Resp: 252858
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 22.2 10.9 32.9

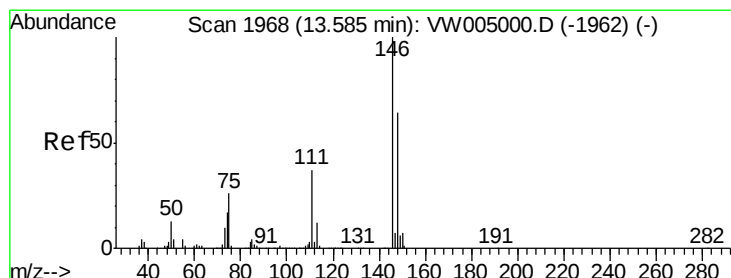
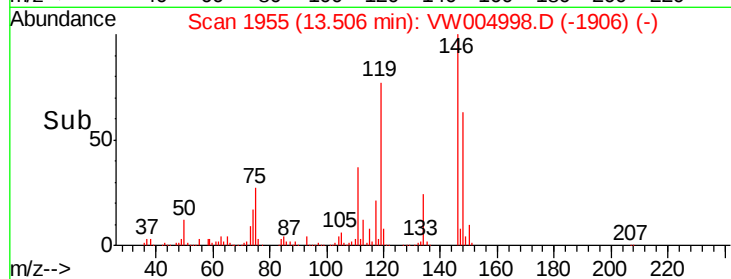
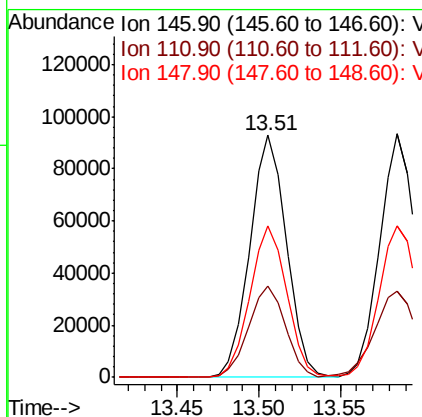
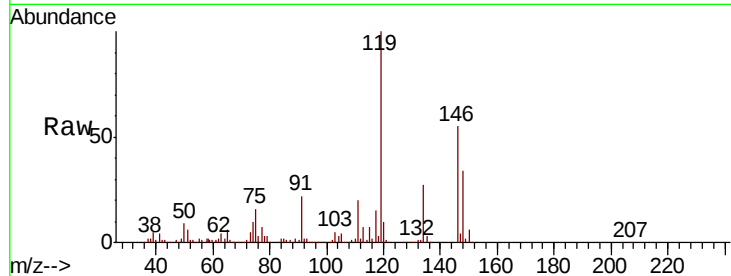




#87
 1,3-Dichlorobenzene
 Concen: 9.538 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

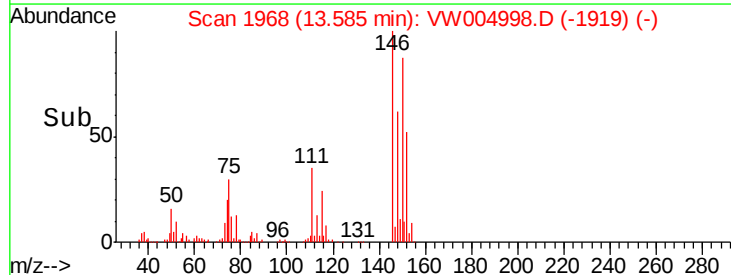
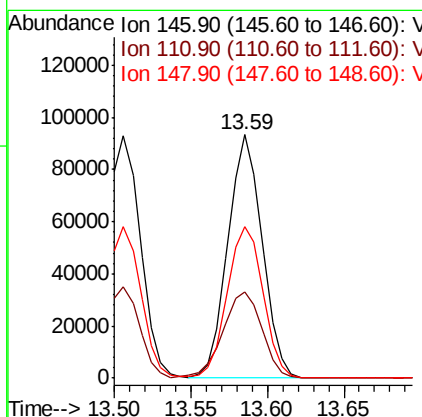
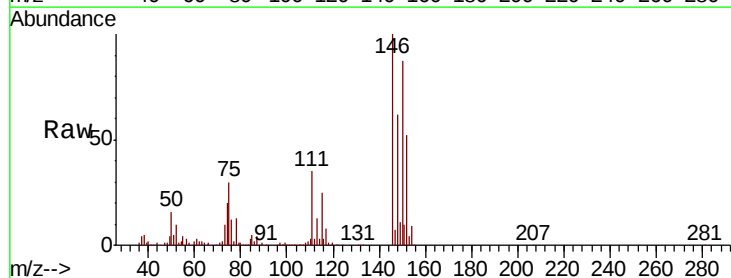
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

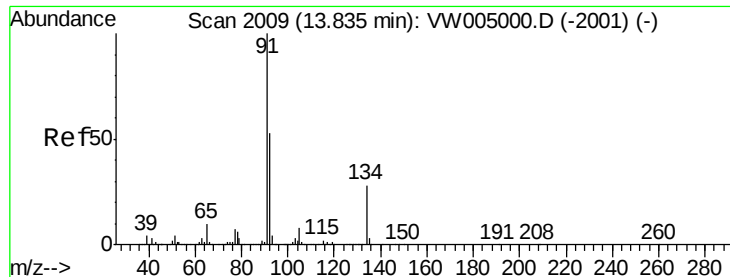
Tgt Ion:146 Resp: 145459
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.3 57.8
 148 63.2 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 9.634 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion:146 Resp: 145544
 Ion Ratio Lower Upper
 146 100
 111 40.1 18.7 56.1
 148 65.0 31.7 95.1





#89

n-Butylbenzene

Concen: 8.660 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

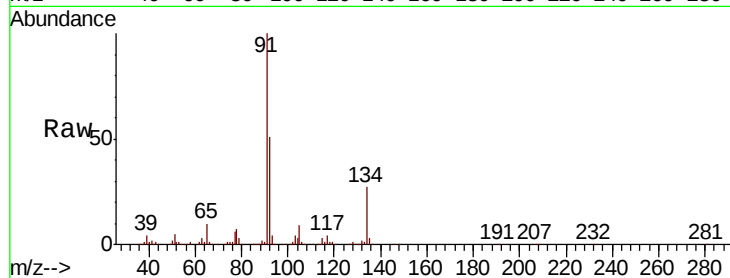
Tgt Ion: 91 Resp: 232613

Ion Ratio Lower Upper

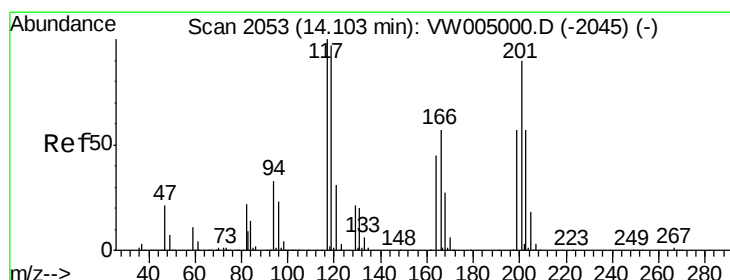
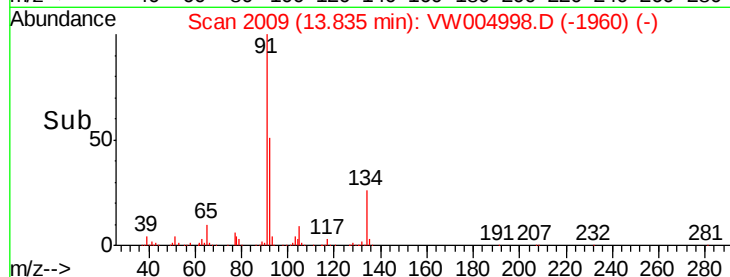
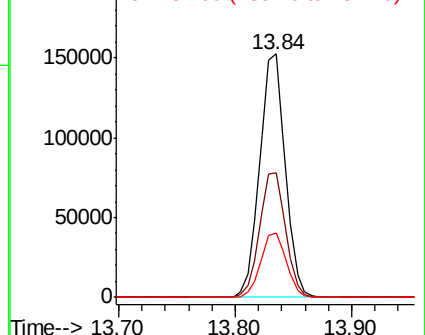
91 100

92 51.9 26.5 79.4

134 26.4 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 9.169 ug/l

RT: 14.10 min Scan# 2052

Delta R.T. -0.01 min

Lab File: VW004998.D

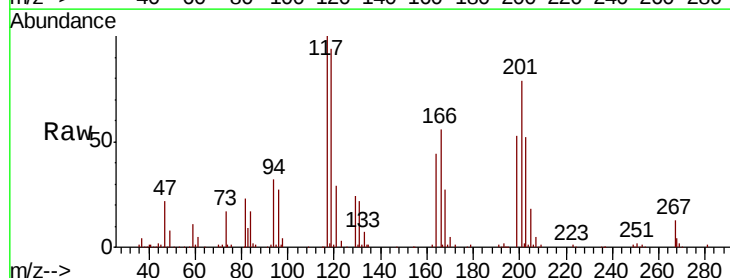
Acq: 29 Aug 2018 12:36

Tgt Ion: 117 Resp: 41244

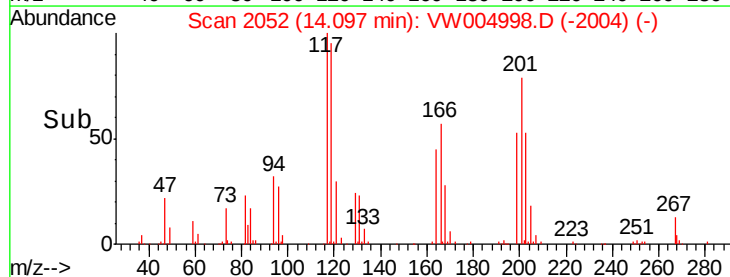
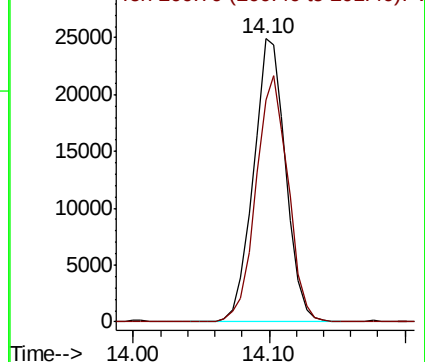
Ion Ratio Lower Upper

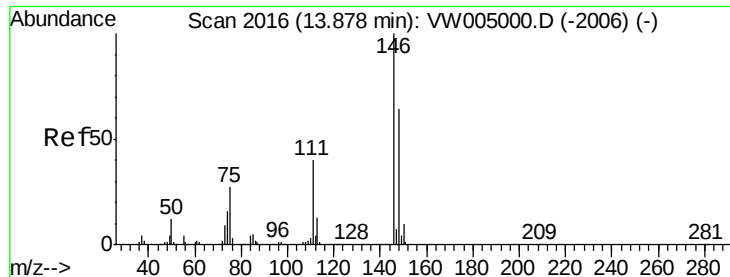
117 100

201 86.7 44.3 132.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

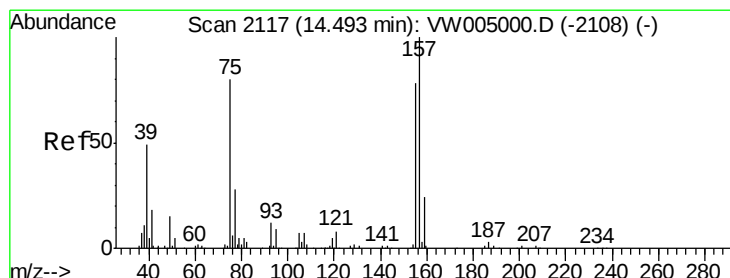
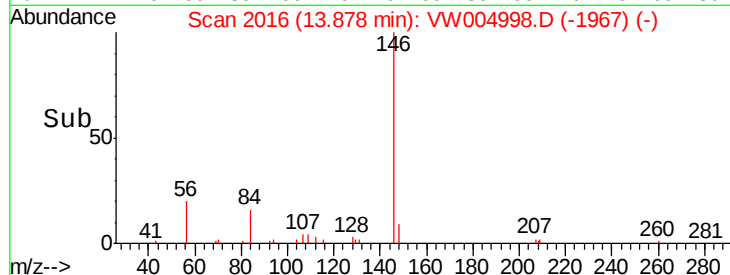
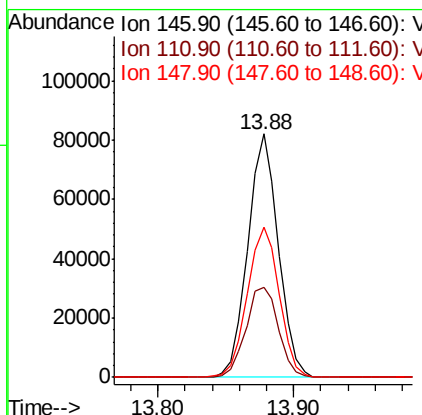
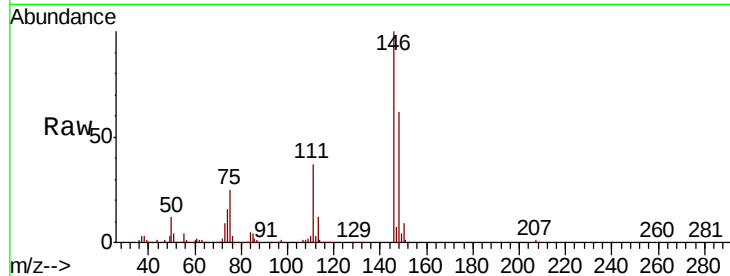




#91
 1,2-Dichlorobenzene
 Concen: 9.615 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

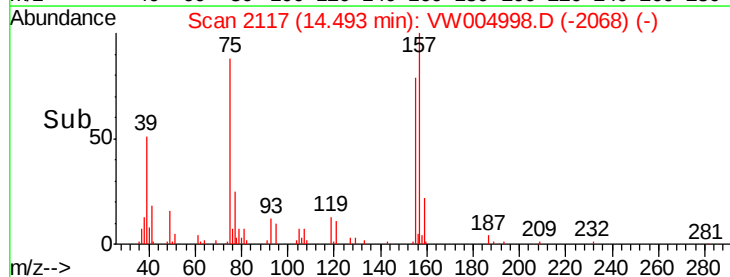
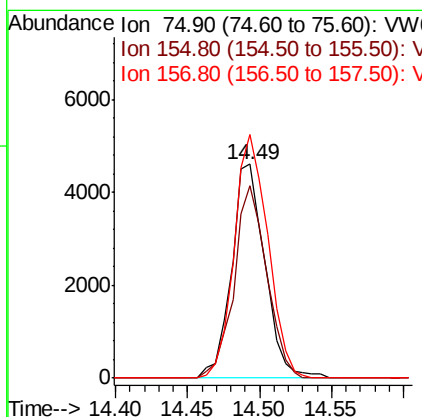
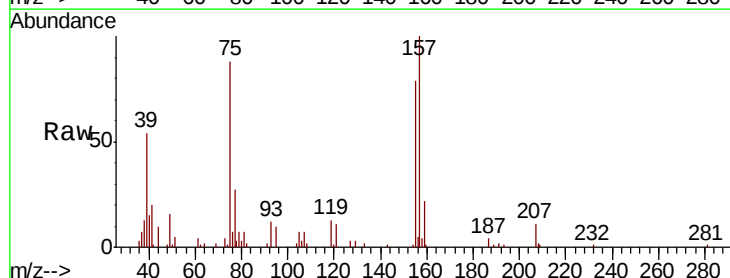
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

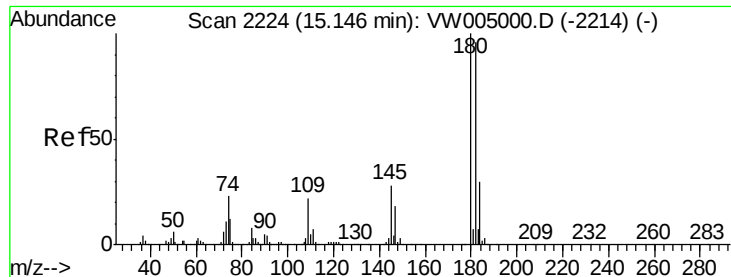
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.7
148	64.5	31.9	95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.743 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.8	46.1	138.2
157	114.6	58.7	176.1

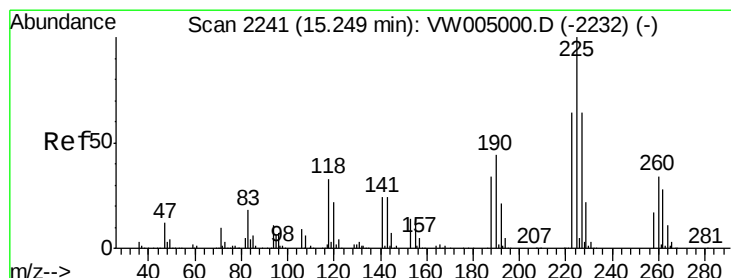
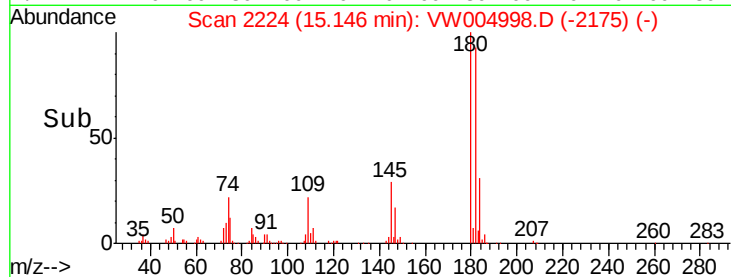
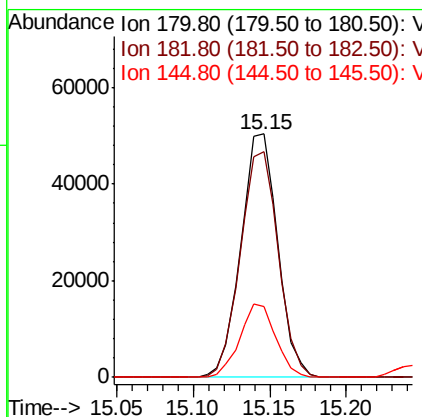
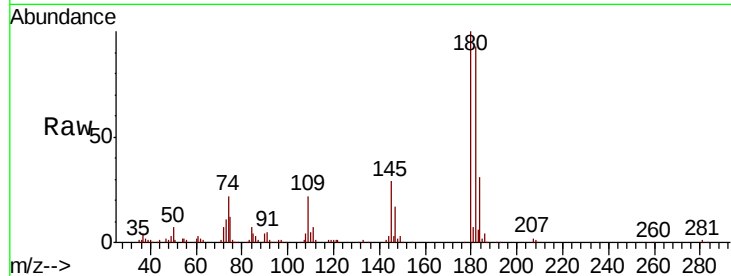




#93
 1,2,4-Trichlorobenzene
 Concen: 8.964 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

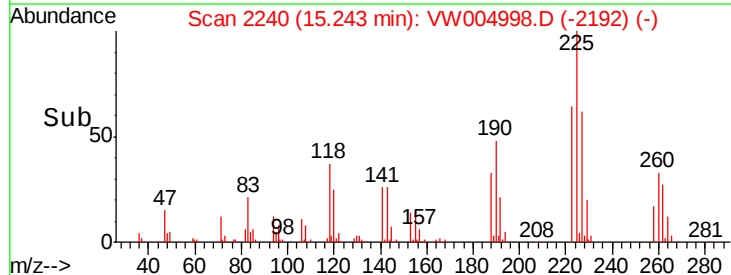
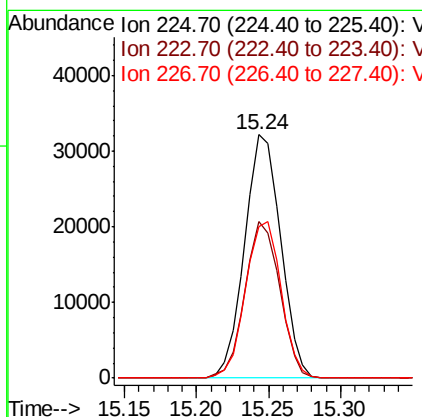
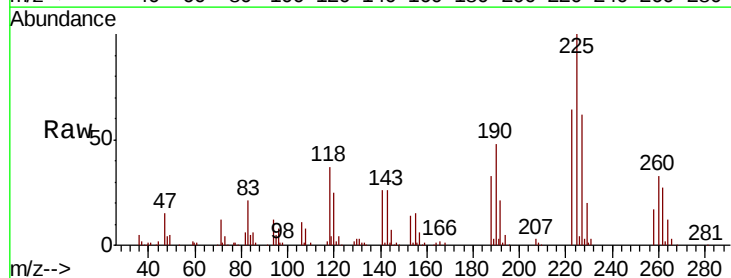
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

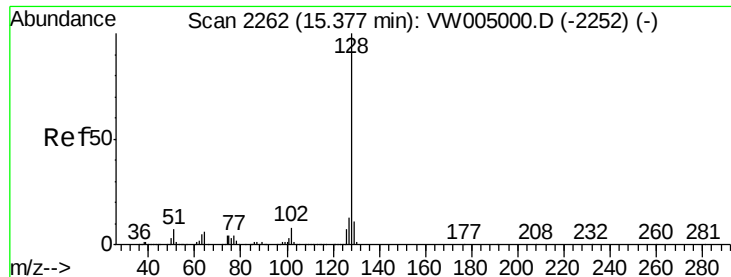
Tgt Ion:180 Resp: 84306
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.6 142.8
 145 29.4 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 9.494 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW004998.D
 Acq: 29 Aug 2018 12:36

Tgt Ion:225 Resp: 55893
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.0 96.0
 227 63.2 31.9 95.7





#95

Naphthalene

Concen: 8.418 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

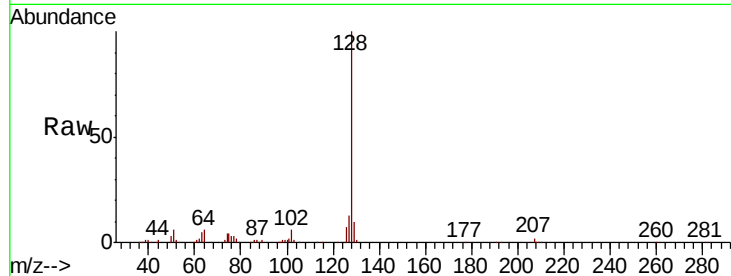
Tgt Ion:128 Resp: 129888

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

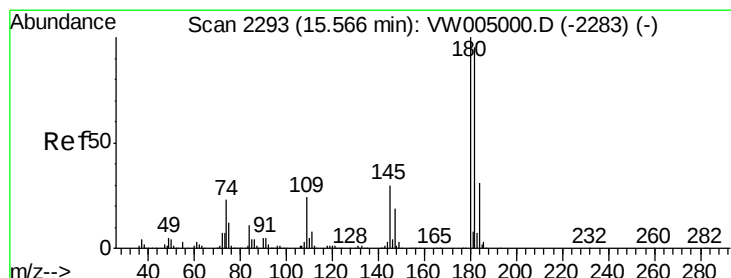
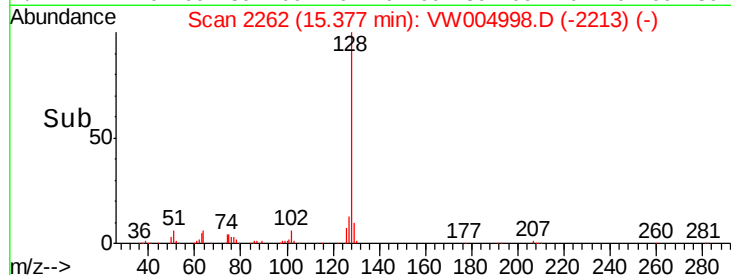
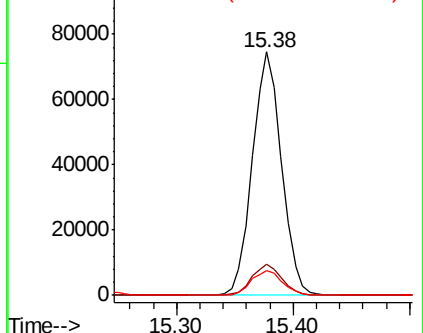
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 9.111 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VW004998.D

Acq: 29 Aug 2018 12:36

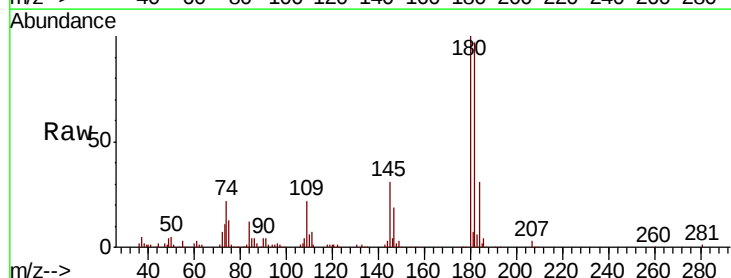
Tgt Ion:180 Resp: 75698

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.8

145 30.9 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

