

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010219\
 Data File : VW008008.D
 Acq On : 02 Jan 2019 14:36
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 03 04:44:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 04:40:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	110147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	101074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48832	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	75948	97.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.38%	
35) Dibromofluoromethane	7.88	113	67625	97.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.78%	
50) Toluene-d8	10.32	98	254108	97.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.12%	
62) 4-Bromofluorobenzene	12.62	95	97034	97.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	69623	106.385	ug/l	91
3) Chloromethane	2.22	50	49936	104.351	ug/l	100
4) Vinyl Chloride	2.37	62	62257	100.732	ug/l	96
5) Bromomethane	2.78	94	39505	100.608	ug/l	94
6) Chloroethane	2.93	64	32143	101.753	ug/l	99
7) Trichlorofluoromethane	3.26	101	66200	106.704	ug/l	99
8) Diethyl Ether	3.68	74	32578	102.236	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	75669	102.633	ug/l	98
10) Methyl Iodide	4.26	142	121993	102.849	ug/l	99
11) Tert butyl alcohol	5.17	59	23657	468.359	ug/l	97
12) 1,1-Dichloroethene	4.04	96	71838	101.794	ug/l	92
13) Acrolein	3.89	56	16179	472.748	ug/l	97
14) Allyl chloride	4.67	41	98292	102.807	ug/l	99
15) Acrylonitrile	5.37	53	60756	518.387	ug/l	99
16) Acetone	4.12	43	58342	484.772	ug/l	99
17) Carbon Disulfide	4.37	76	226081	104.874	ug/l	99
18) Methyl Acetate	4.67	43	32934	105.521	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	111243	100.163	ug/l	96
20) Methylene Chloride	4.91	84	70884	85.394	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	78328	102.011	ug/l	97
22) Diisopropyl ether	6.32	45	177104	103.202	ug/l	97
23) Vinyl Acetate	6.26	43	503003	523.880	ug/l	99
24) 1,1-Dichloroethane	6.21	63	130212	102.123	ug/l	98
25) 2-Butanone	7.17	43	71504	504.269	ug/l	99
26) 2,2-Dichloropropane	7.17	77	102717	97.779	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	83015	101.497	ug/l	98
28) Bromochloromethane	7.51	49	40667	99.231	ug/l #	98
29) Tetrahydrofuran	7.53	42	44700	507.507	ug/l	97
30) Chloroform	7.68	83	147463	103.192	ug/l	98
31) Cyclohexane	7.95	56	115840	97.475	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	138675	101.416	ug/l	99
36) 1,1-Dichloropropene	8.09	75	112364	103.413	ug/l	99
37) Ethyl Acetate	7.25	43	34247	104.931	ug/l	100
38) Carbon Tetrachloride	8.07	117	135391	103.974	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	141585	104.538	ug/l	96
40) Benzene	8.32	78	295284	103.014	ug/l	99
41) Methacrylonitrile	7.48	41	19786	98.392	ug/l	92
42) 1,2-Dichloroethane	8.40	62	99722	104.415	ug/l	99
43) Isopropyl Acetate	8.43	43	68971	105.764	ug/l	99
44) Trichloroethene	9.09	130	86388	102.130	ug/l	98
45) 1,2-Dichloropropane	9.37	63	63201	101.864	ug/l	99
46) Dibromomethane	9.46	93	37421	103.159	ug/l	98
47) Bromodichloromethane	9.65	83	104829	103.176	ug/l	95
48) Methyl methacrylate	9.43	41	34389	104.586	ug/l	99
49) 1,4-Dioxane	9.45	88	11078	2063.640	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	153086	507.138	ug/l	100
52) Toluene	10.39	92	192843	101.907	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	103765	106.209	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	114251	104.798	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	50745	103.320	ug/l	98
56) Ethyl methacrylate	10.65	69	59760	107.629	ug/l	99
57) 1,3-Dichloropropane	10.93	76	85722	102.717	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	129747	492.720	ug/l	100
59) 2-Hexanone	10.97	43	108211	519.265	ug/l	100
60) Dibromochloromethane	11.13	129	71252	105.984	ug/l	99
61) 1,2-Dibromoethane	11.24	107	51314	104.402	ug/l	98
64) Tetrachloroethene	10.86	164	70769	101.362	ug/l	99
65) Chlorobenzene	11.66	112	220343	102.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	80429	102.815	ug/l	97
67) Ethyl Benzene	11.73	91	391072	101.995	ug/l	99
68) m/p-Xylenes	11.84	106	300672	202.836	ug/l	98
69) o-Xylene	12.17	106	140334	101.742	ug/l	98
70) Styrene	12.18	104	233457	103.844	ug/l	99
71) Bromoform	12.35	173	37951	104.714	ug/l #	99
73) Isopropylbenzene	12.47	105	406190	104.607	ug/l	99
74) N-amyl acetate	12.27	43	63785	105.528	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	51104	103.436	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	76378	112.287	ug/l #	1
77) Bromobenzene	12.75	156	86463	103.597	ug/l	97
78) n-propylbenzene	12.81	91	469150	104.209	ug/l	99
79) 2-Chlorotoluene	12.90	91	272404	104.691	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	349682	104.621	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	18202	110.802	ug/l	98
82) 4-Chlorotoluene	12.99	91	288233	104.177	ug/l	99
83) tert-Butylbenzene	13.21	119	306927	104.959	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	347799	102.733	ug/l	100
85) sec-Butylbenzene	13.39	105	415786	103.359	ug/l	99
86) p-Isopropyltoluene	13.51	119	376700	103.817	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	172312	102.323	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	169485	101.659	ug/l	99
89) n-Butylbenzene	13.83	91	342763	103.276	ug/l	99
90) Hexachloroethane	14.10	117	66414	105.485	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	151322	102.257	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10958	109.278	ug/l	91

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Jan 03 04:40:01 2019
Response via : Initial Calibration

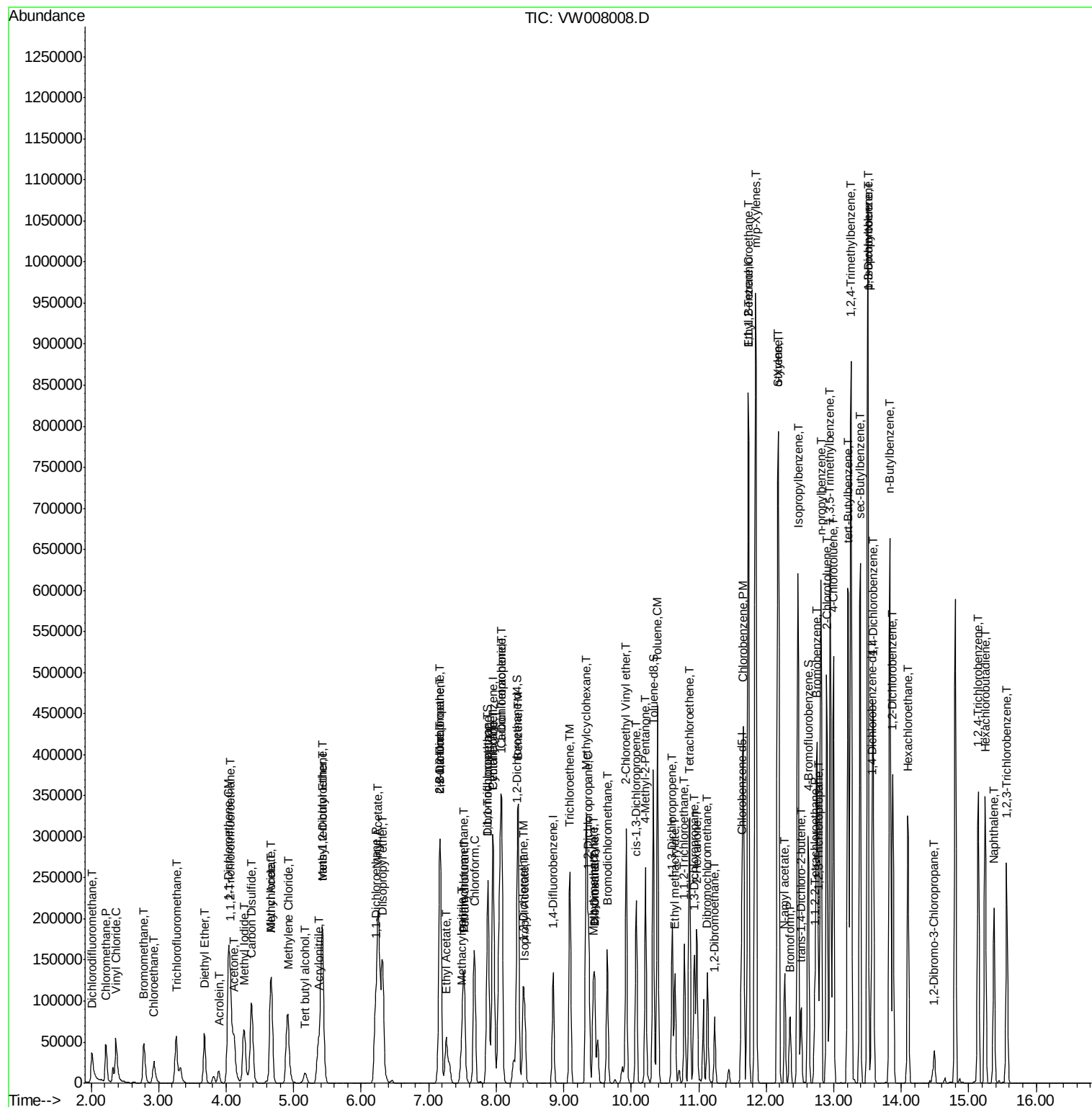
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	106318	102.294	ug/l	99
94) Hexachlorobutadiene	15.24	225	61690	102.798	ug/l	99
95) Naphthalene	15.38	128	189535	107.075	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	89091	104.176	ug/l	99

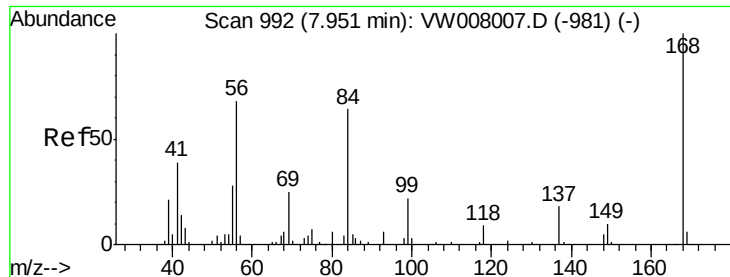
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010219\
 Data File : VW008008.D
 Acq On : 02 Jan 2019 14:36
 Operator : SY/AP
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Quant Time: Jan 03 04:44:36 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

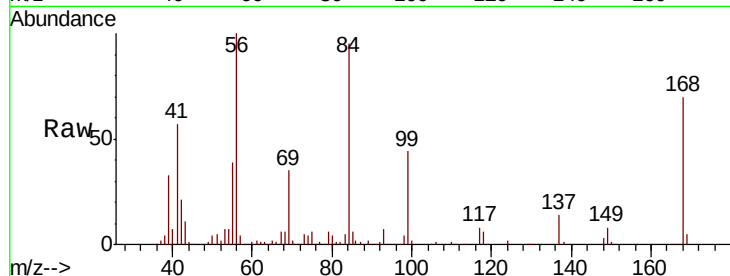
VSTDIC100

Tgt Ion:168 Resp: 70292

Ion Ratio Lower Upper

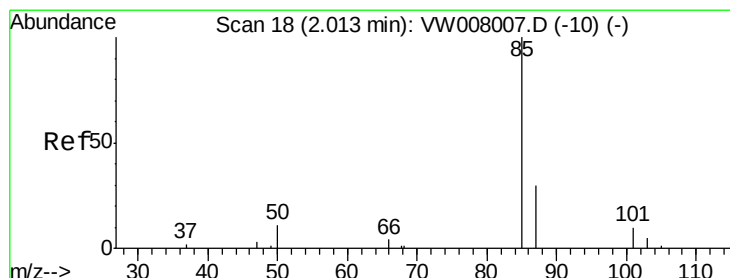
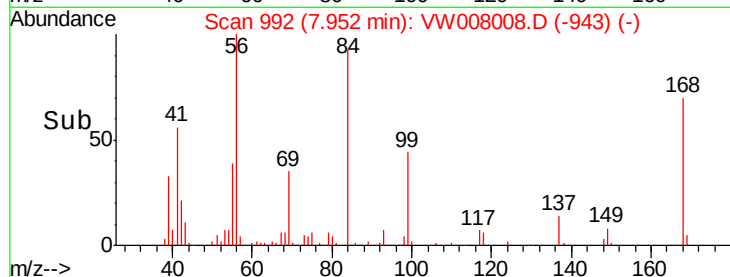
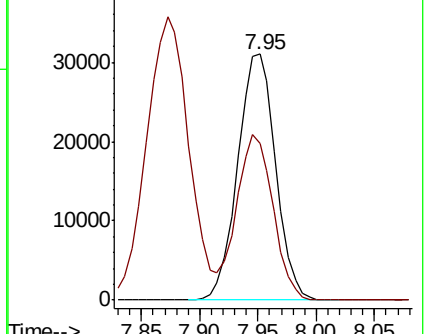
168 100

99 63.8 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 106.385 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008008.D

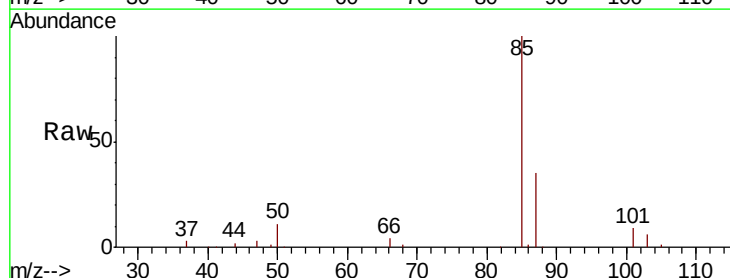
Acq: 02 Jan 2019 14:36

Tgt Ion: 85 Resp: 69623

Ion Ratio Lower Upper

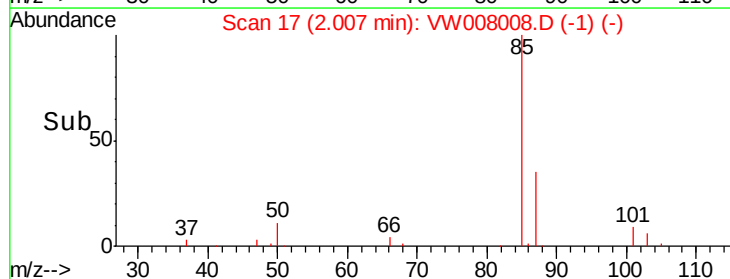
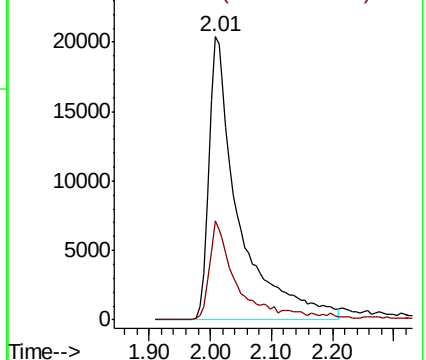
85 100

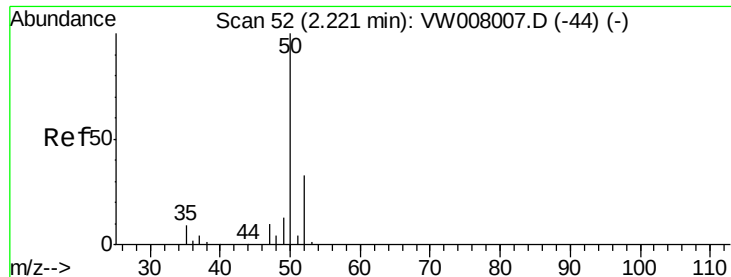
87 34.9 15.0 45.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 104.351 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

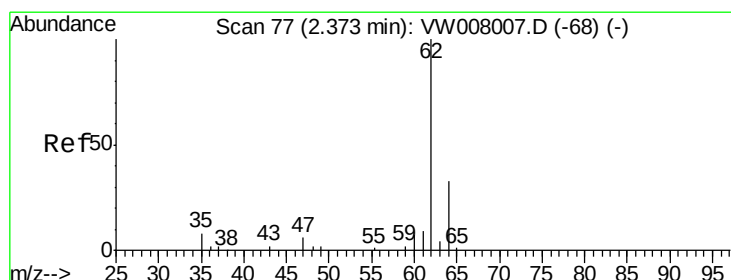
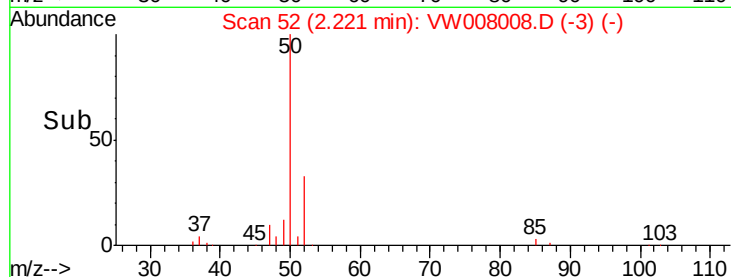
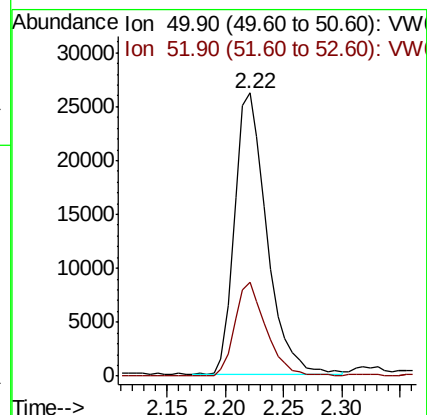
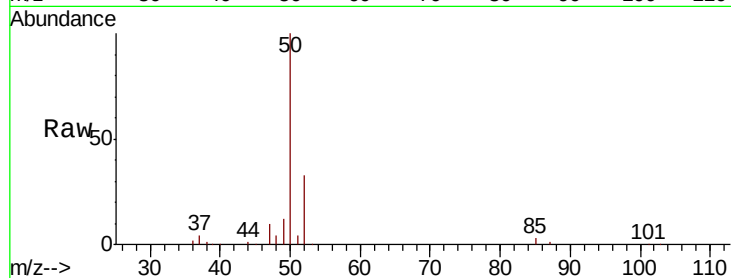
VSTDIC100

Tgt Ion: 50 Resp: 49936

Ion Ratio Lower Upper

50 100

52 33.3 26.8 40.2



#4

Vinyl Chloride

Concen: 100.732 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW008008.D

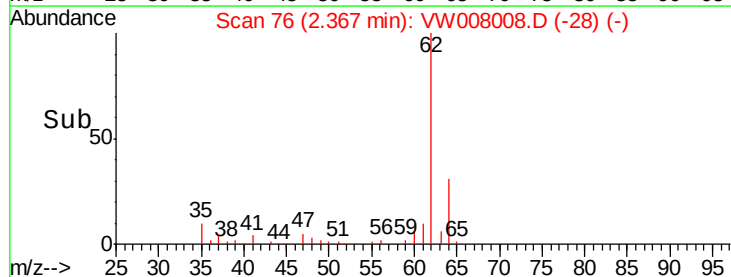
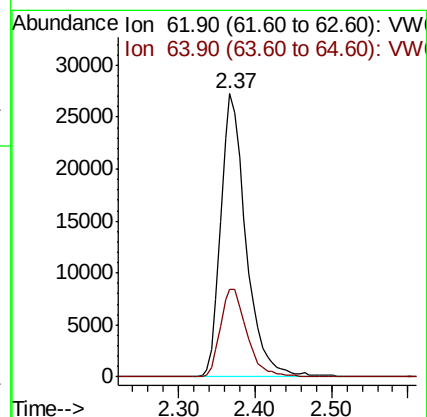
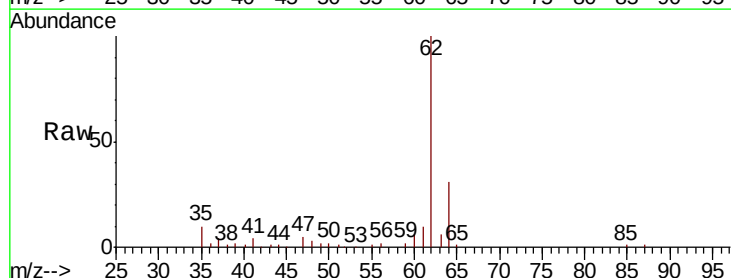
Acq: 02 Jan 2019 14:36

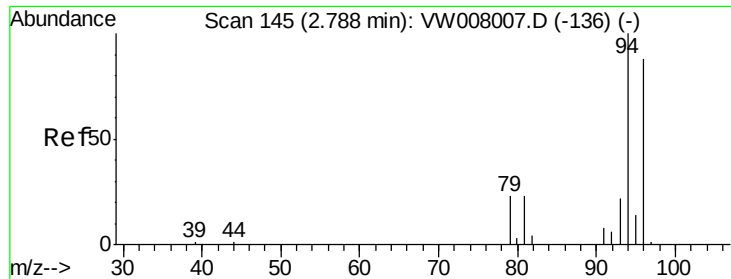
Tgt Ion: 62 Resp: 62257

Ion Ratio Lower Upper

62 100

64 30.9 26.8 40.2





#5

Bromomethane

Concen: 100.608 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

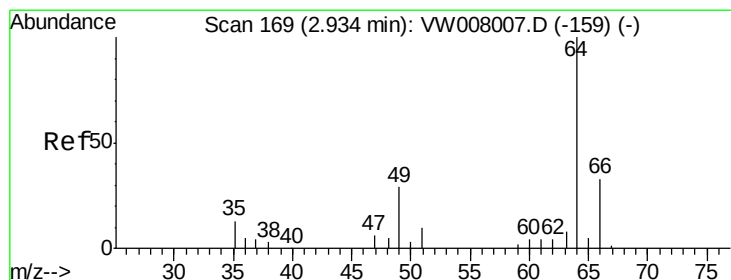
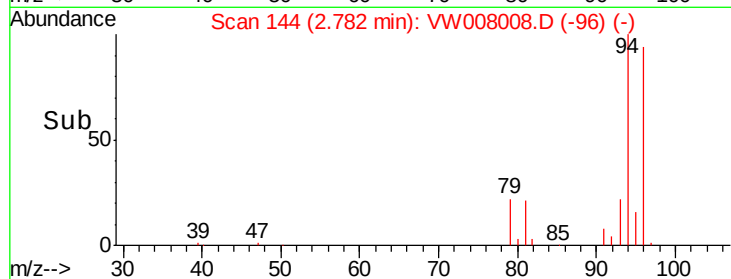
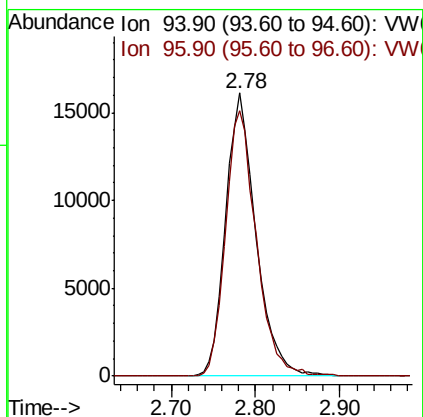
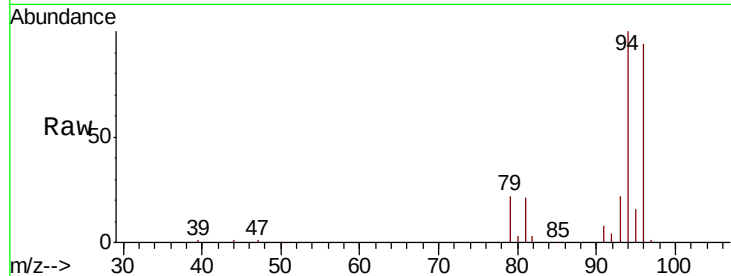
VSTDIC100

Tgt Ion: 94 Resp: 39505

Ion Ratio Lower Upper

94 100

96 93.6 70.7 106.1



#6

Chloroethane

Concen: 101.753 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008008.D

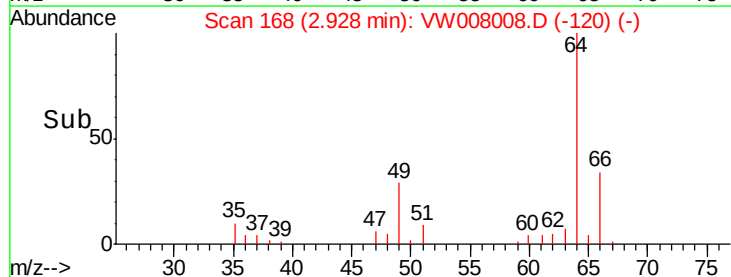
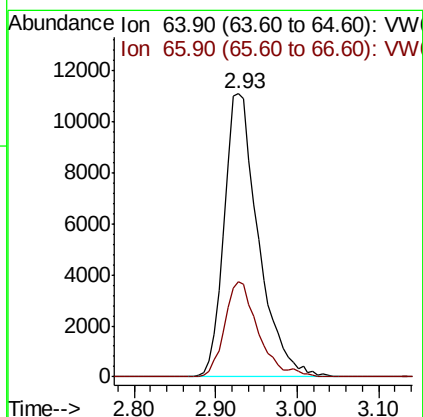
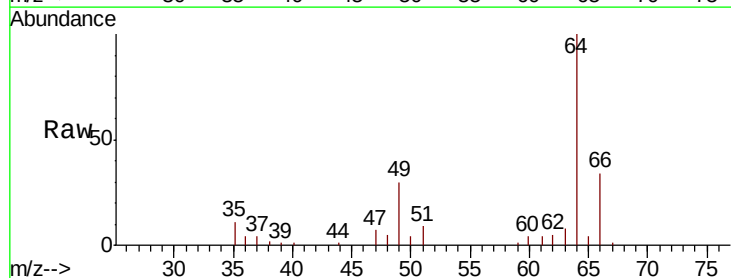
Acq: 02 Jan 2019 14:36

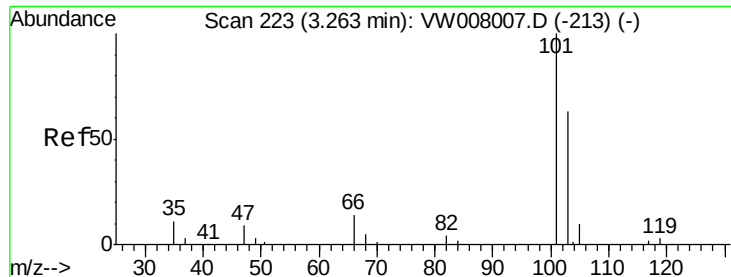
Tgt Ion: 64 Resp: 32143

Ion Ratio Lower Upper

64 100

66 33.6 26.6 39.8



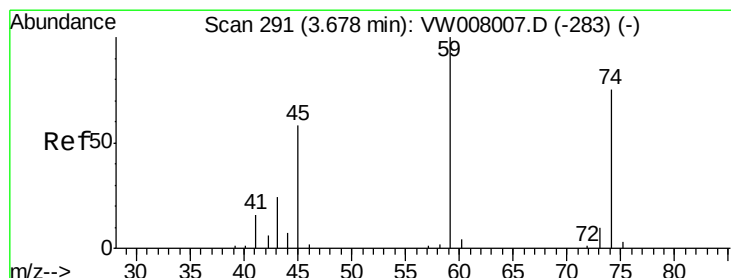
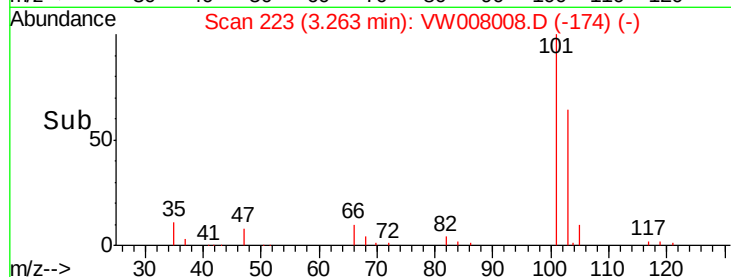
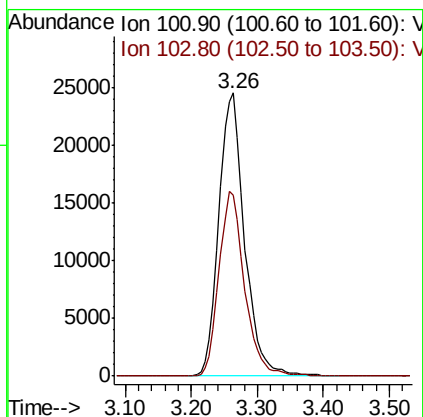
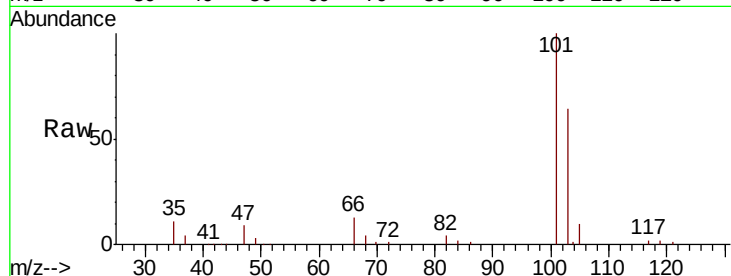


#7

Trichlorofluoromethane
Concen: 106.704 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

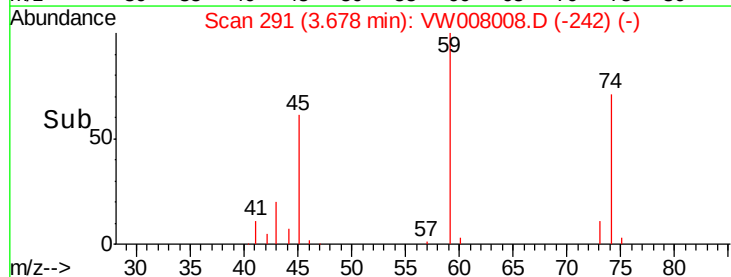
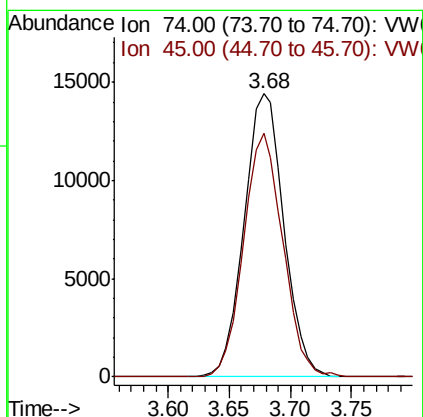
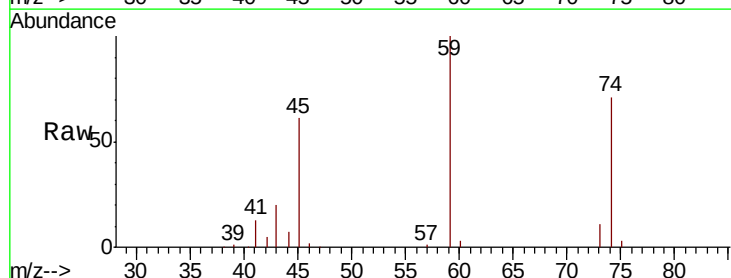
Tgt Ion: 101 Resp: 66200
Ion Ratio Lower Upper
101 100
103 64.1 50.5 75.7

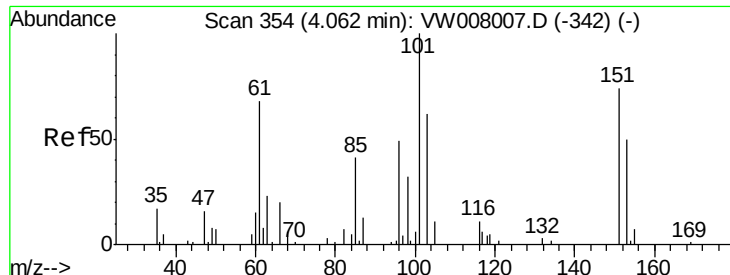


#8

Diethyl Ether
Concen: 102.236 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion: 74 Resp: 32578
Ion Ratio Lower Upper
74 100
45 84.9 41.4 124.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 102.633 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

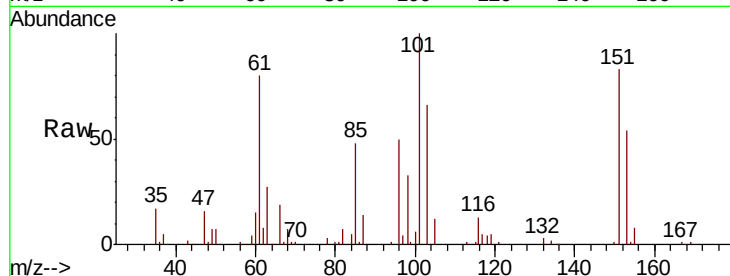
Tgt Ion:101 Resp: 75669

Ion Ratio Lower Upper

101 100

85 45.5 35.1 52.7

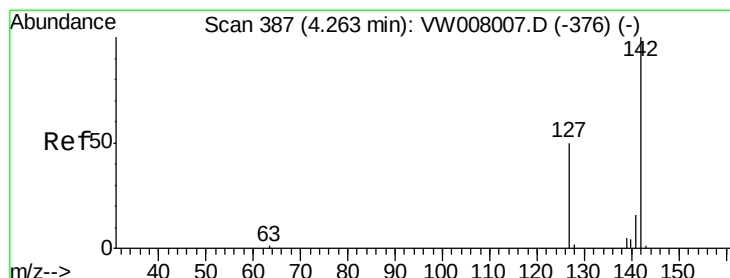
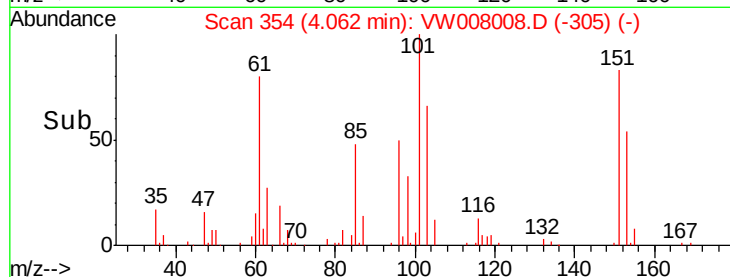
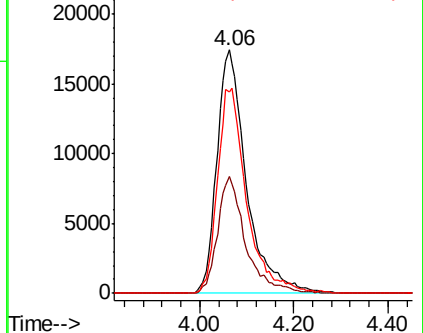
151 83.1 65.3 97.9



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: 102.849 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

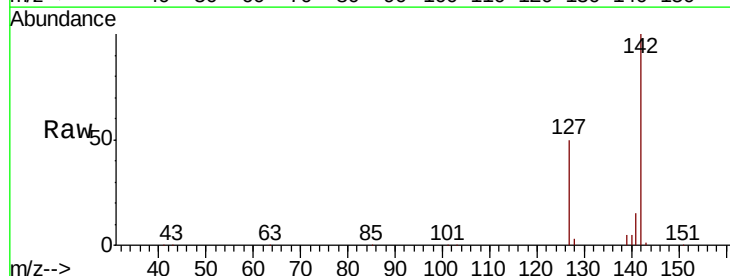
Tgt Ion:142 Resp: 121993

Ion Ratio Lower Upper

142 100

127 48.2 39.4 59.0

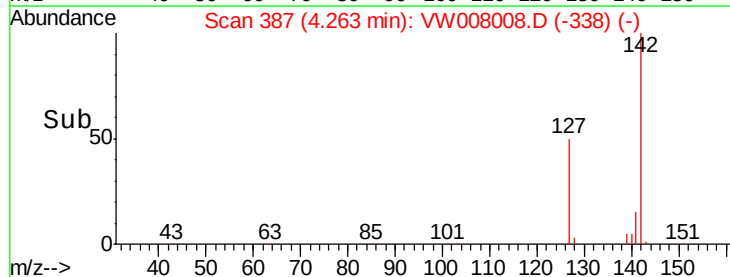
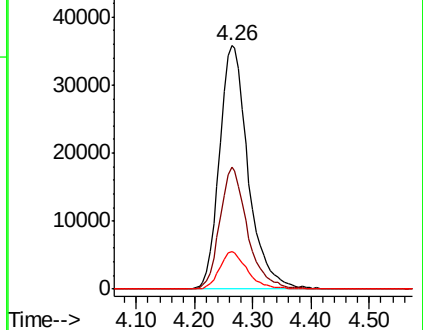
141 15.0 12.1 18.1

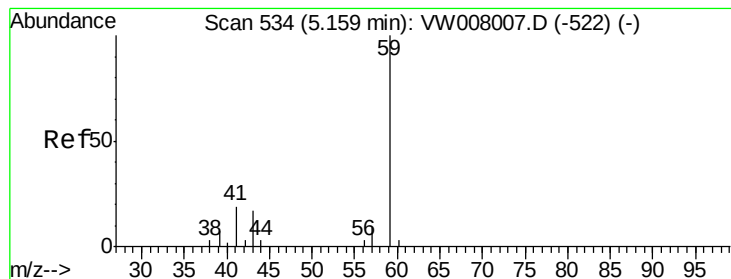


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



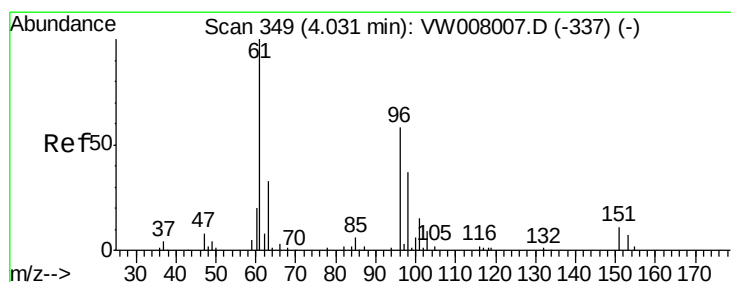
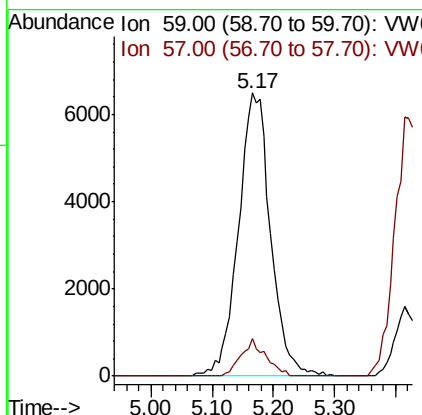
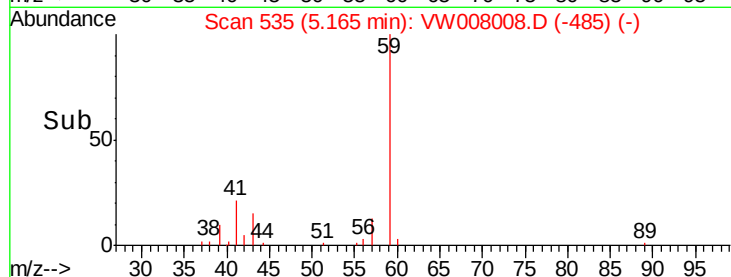
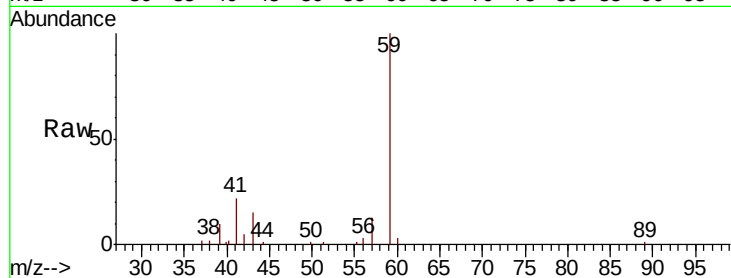


#11

Tert butyl alcohol
 Concen: 468.359 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.01 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

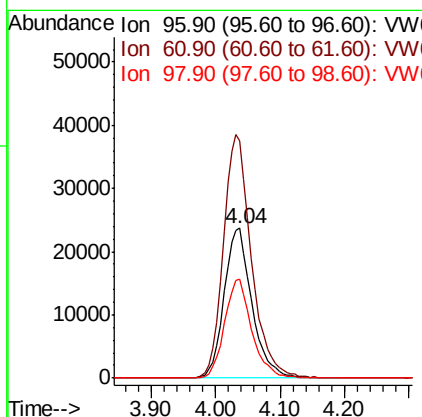
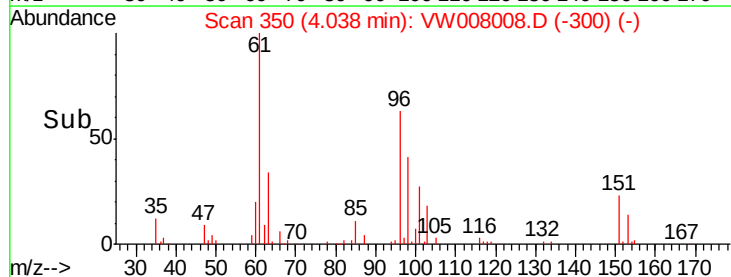
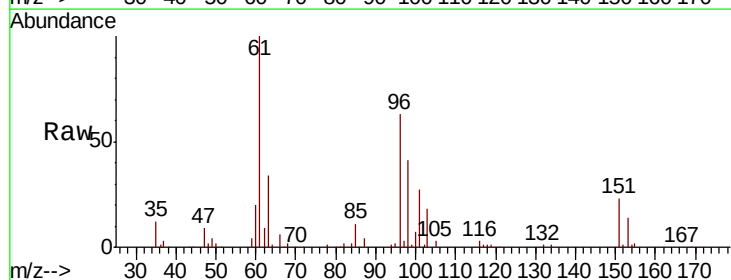
Tgt Ion: 59 Resp: 23657
 Ion Ratio Lower Upper
 59 100
 57 10.1 9.0 13.4

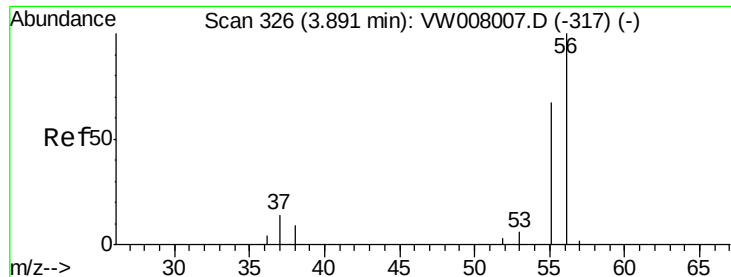


#12

1,1-Dichloroethene
 Concen: 101.794 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

Tgt Ion: 96 Resp: 71838
 Ion Ratio Lower Upper
 96 100
 61 158.6 137.3 205.9
 98 65.7 50.5 75.7





#13

Acrolein

Concen: 472.748 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

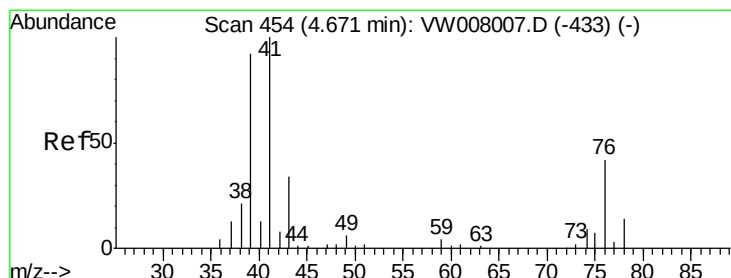
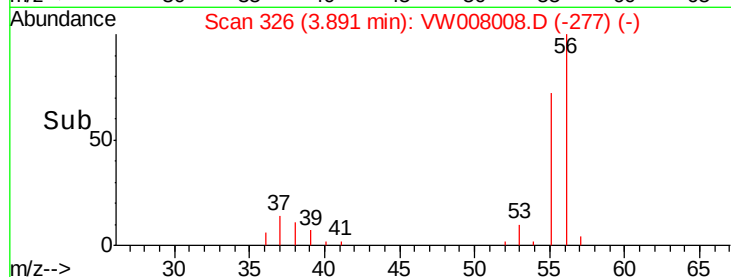
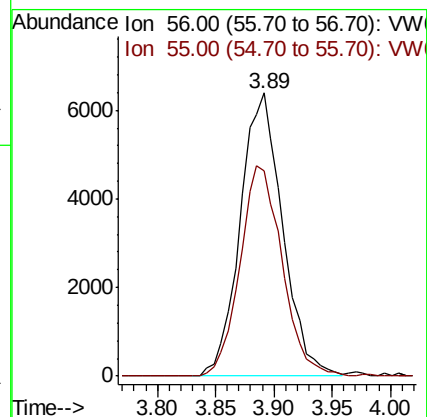
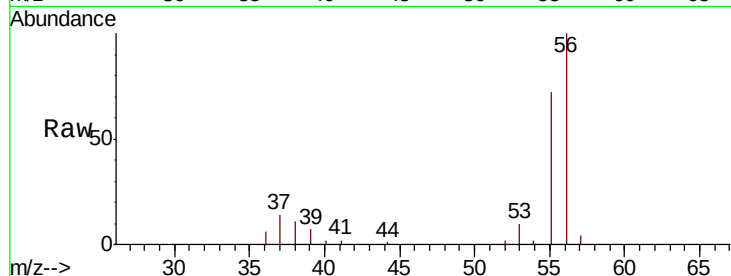
VSTDIC100

Tgt Ion: 56 Resp: 16179

Ion Ratio Lower Upper

56 100

55 74.0 57.3 85.9



#14

Allyl chloride

Concen: 102.807 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

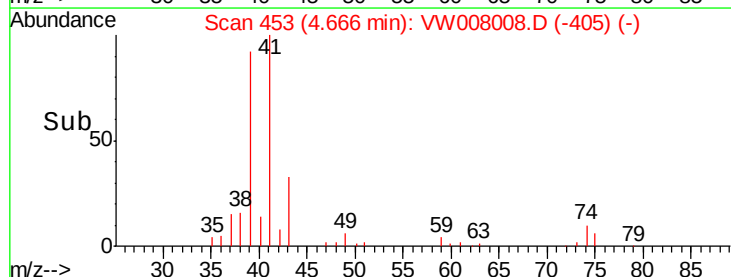
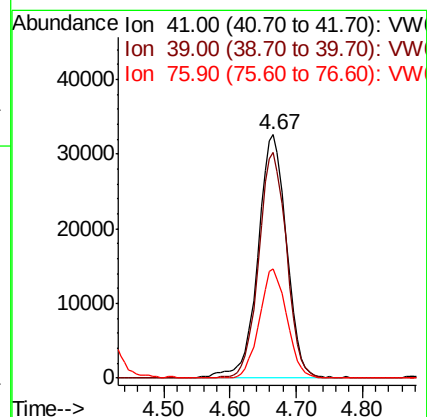
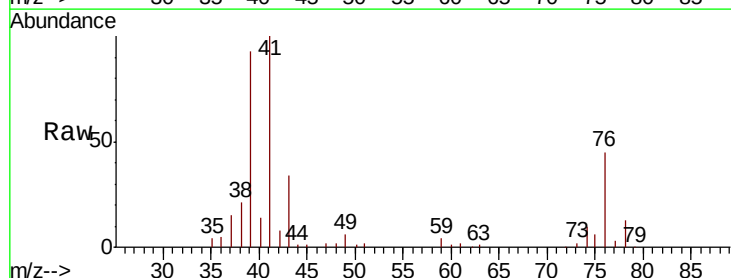
Tgt Ion: 41 Resp: 98292

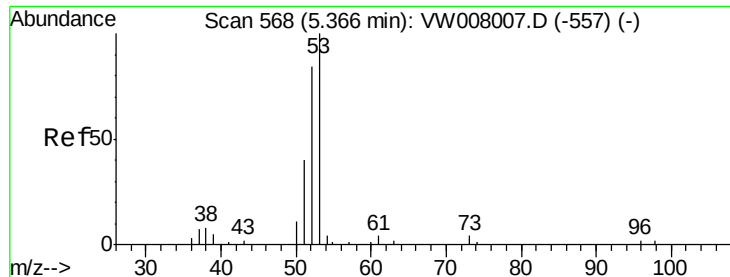
Ion Ratio Lower Upper

41 100

39 90.0 71.1 106.7

76 42.8 33.4 50.2





#15

Acrylonitrile

Concen: 518.387 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

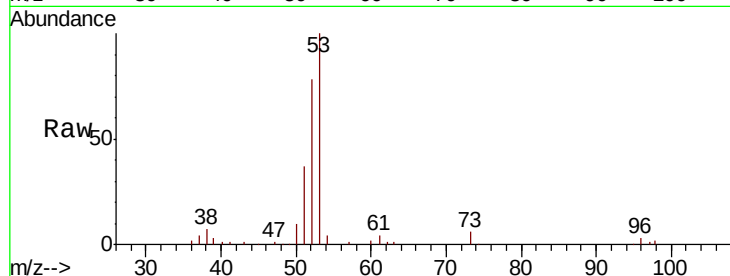
Tgt Ion: 53 Resp: 60756

Ion Ratio Lower Upper

53 100

52 84.0 67.8 101.8

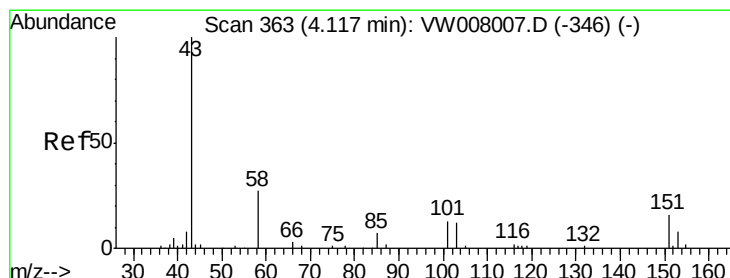
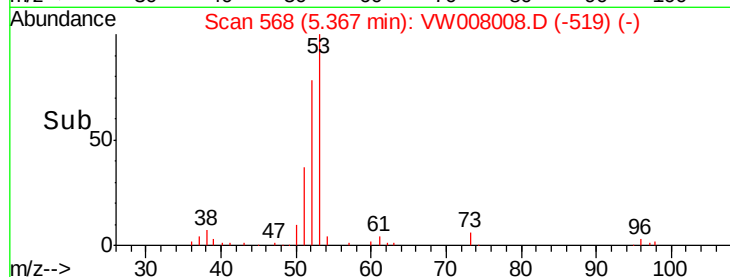
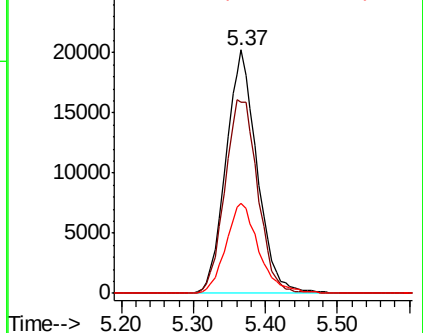
51 39.2 31.5 47.3



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: 484.772 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008008.D

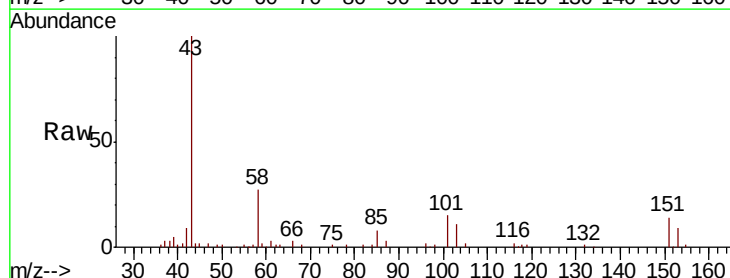
Acq: 02 Jan 2019 14:36

Tgt Ion: 43 Resp: 58342

Ion Ratio Lower Upper

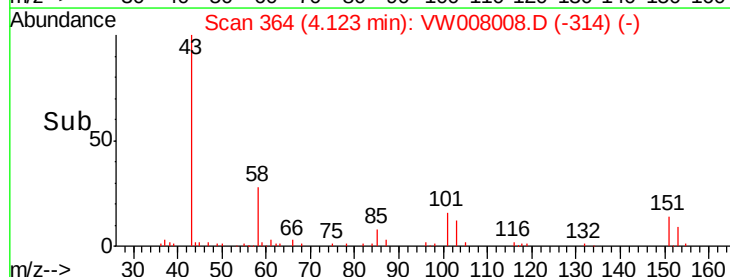
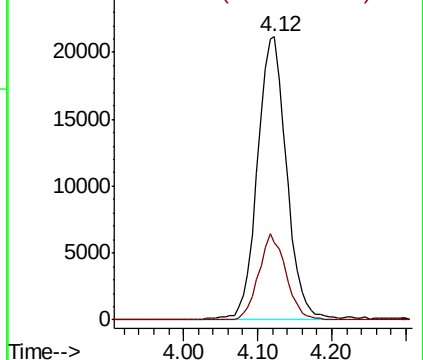
43 100

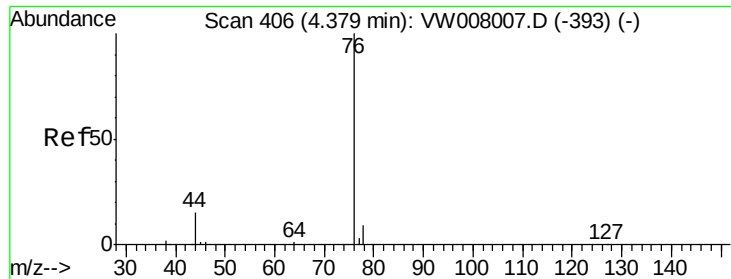
58 27.5 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

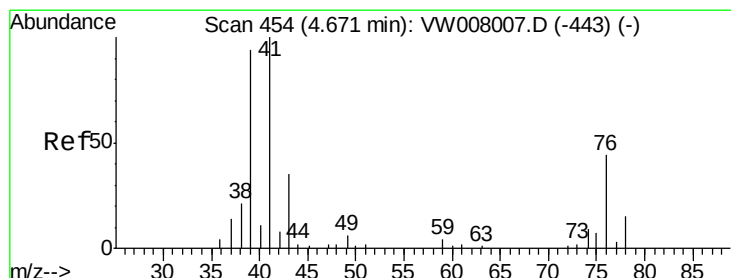
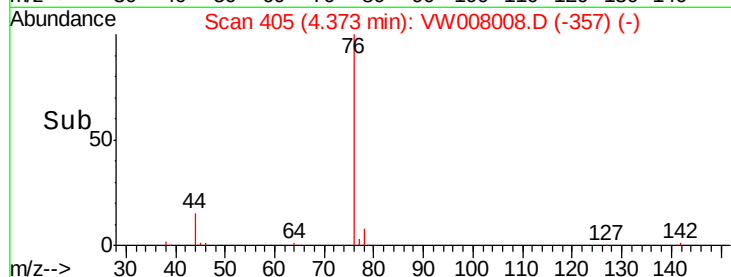
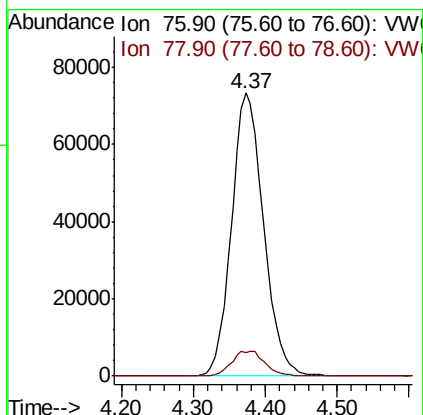
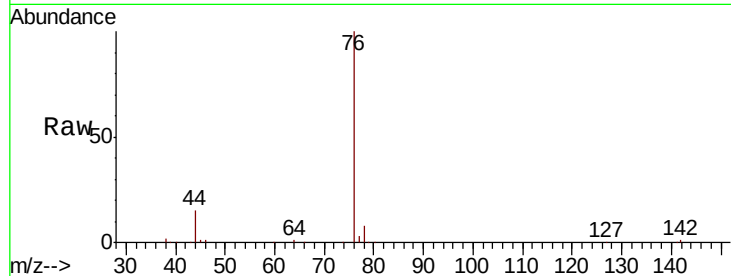




#17
Carbon Disulfide
Concen: 104.874 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

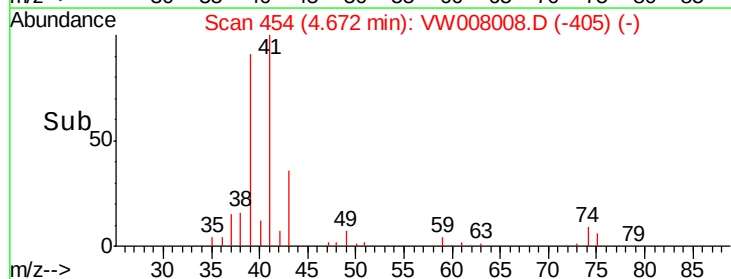
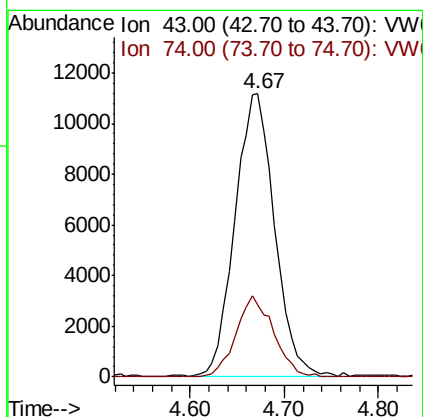
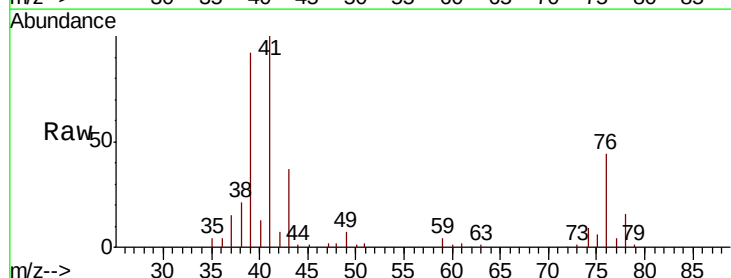
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

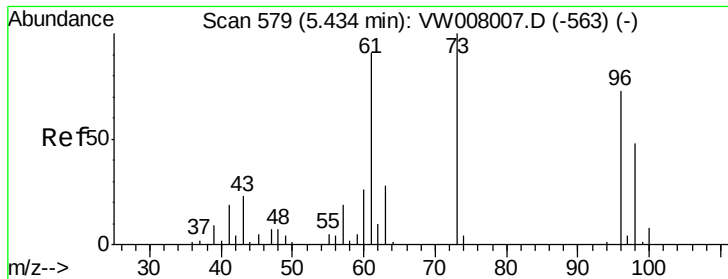
Tgt Ion: 76 Resp: 226081
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



#18
Methyl Acetate
Concen: 105.521 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion: 43 Resp: 32934
Ion Ratio Lower Upper
43 100
74 26.9 21.4 32.2

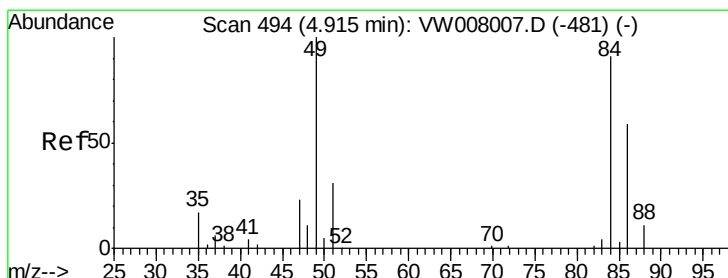
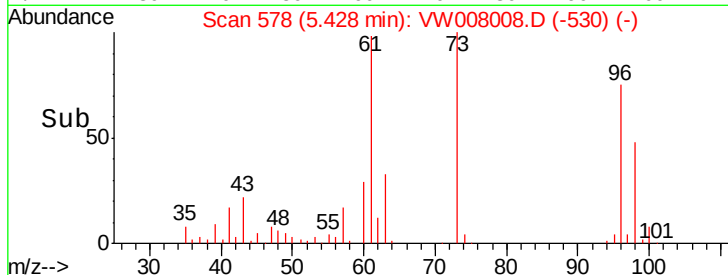
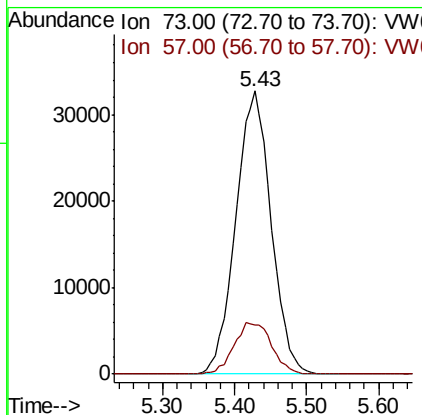
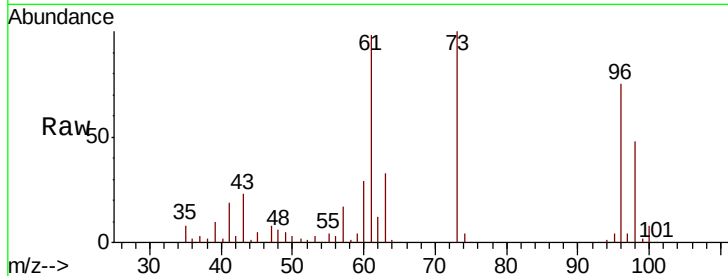




#19
Methyl tert-butyl Ether
Concen: 100.163 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

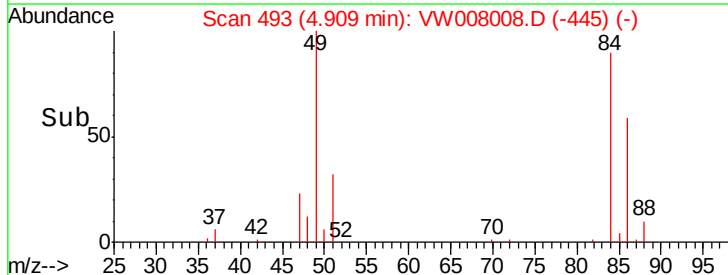
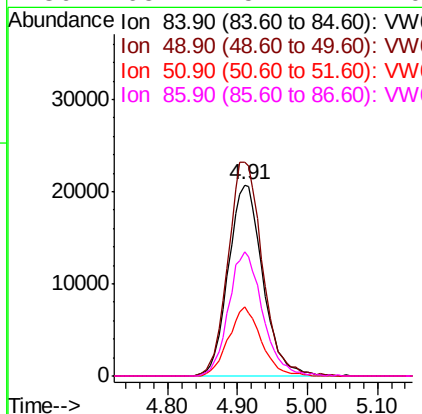
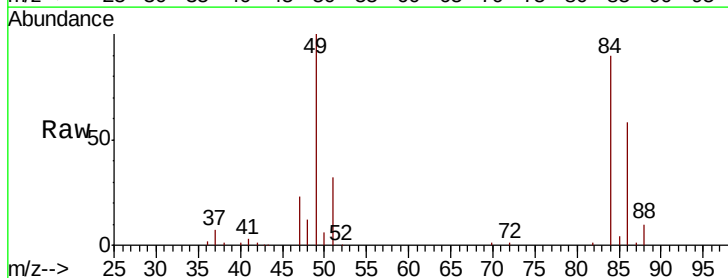
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

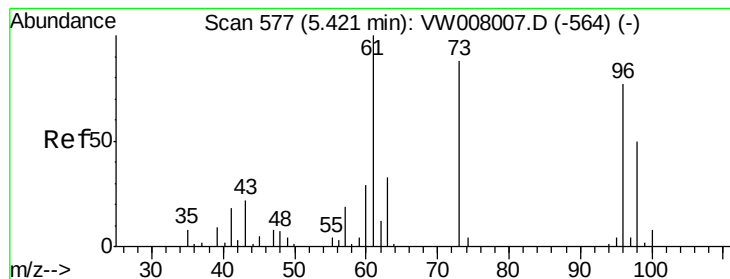
Tgt Ion: 73 Resp: 111243
Ion Ratio Lower Upper
73 100
57 17.5 15.4 23.0



#20
Methylene Chloride
Concen: 85.394 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion: 84 Resp: 70884
Ion Ratio Lower Upper
84 100
49 111.6 87.7 131.5
51 36.1 27.3 40.9
86 65.1 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 102.011 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

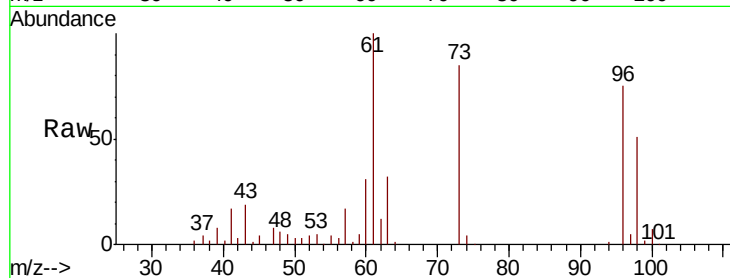
Tgt Ion: 96 Resp: 78328

Ion Ratio Lower Upper

96 100

61 132.6 104.2 156.2

98 68.1 51.8 77.6

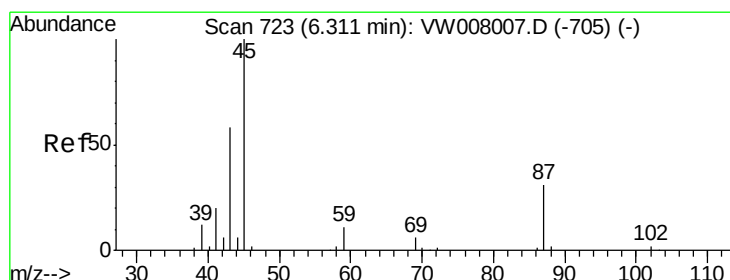
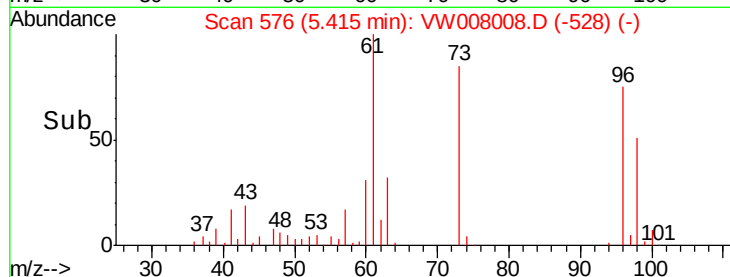
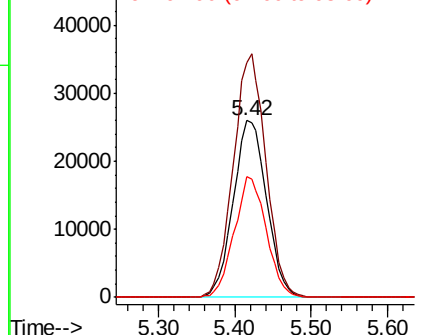


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 103.202 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Tgt Ion: 45 Resp: 177104

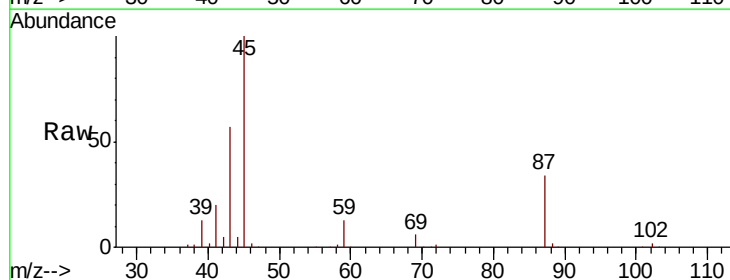
Ion Ratio Lower Upper

45 100

43 57.1 48.1 72.1

87 33.7 25.8 38.8

59 12.3 8.7 13.1



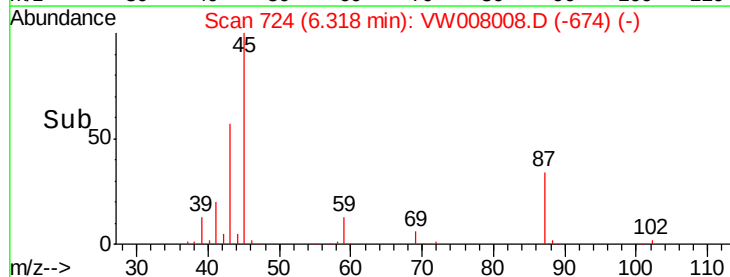
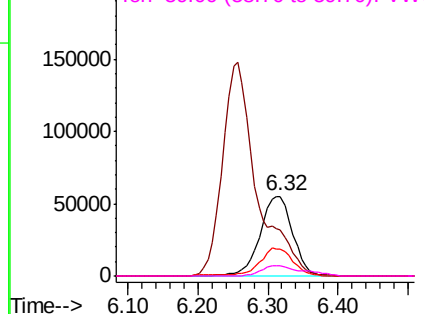
Abundance

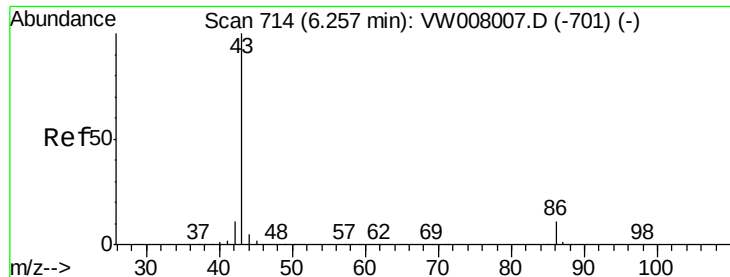
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 523.880 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

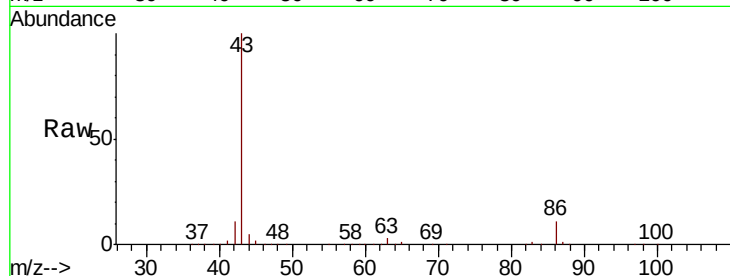
VSTDIC100

Tgt Ion: 43 Resp: 503003

Ion Ratio Lower Upper

43 100

86 11.5 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

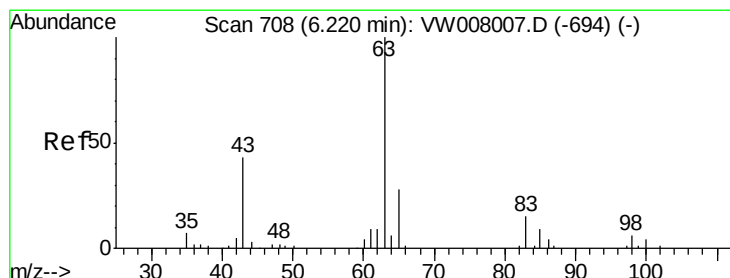
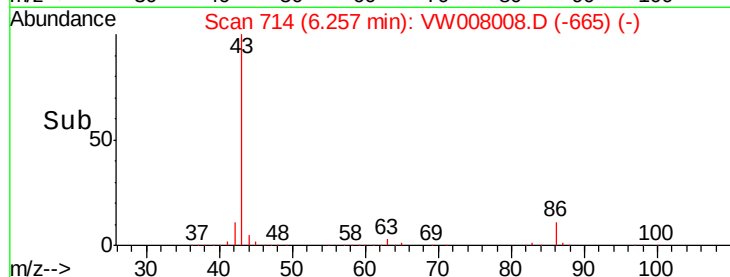
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 102.123 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

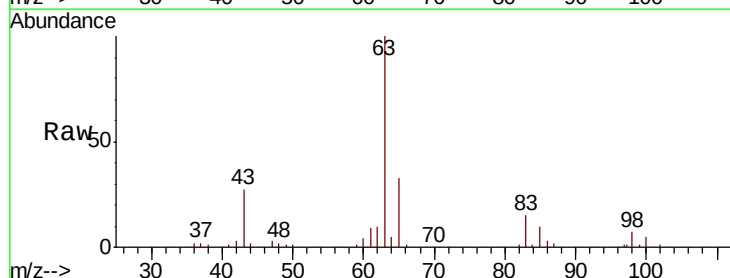
Tgt Ion: 63 Resp: 130212

Ion Ratio Lower Upper

63 100

98 6.9 3.2 9.6

100 4.8 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

60000

50000

40000

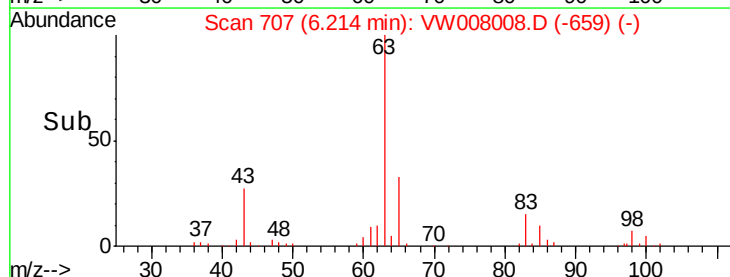
30000

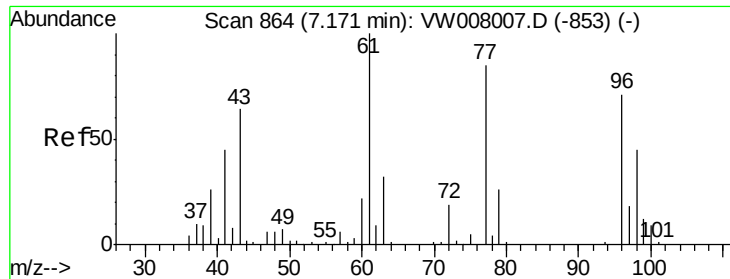
20000

10000

0

Time-->

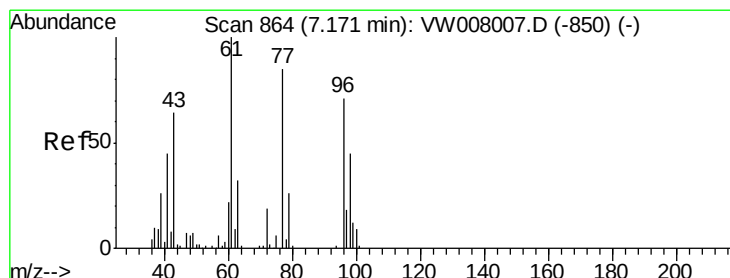
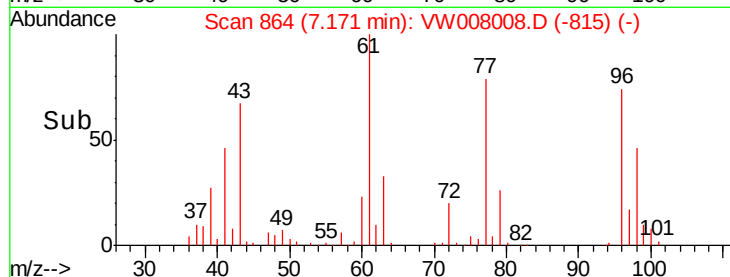
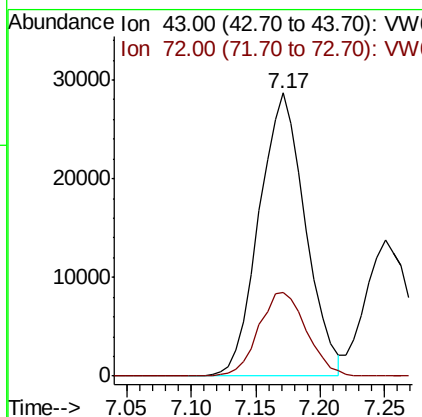
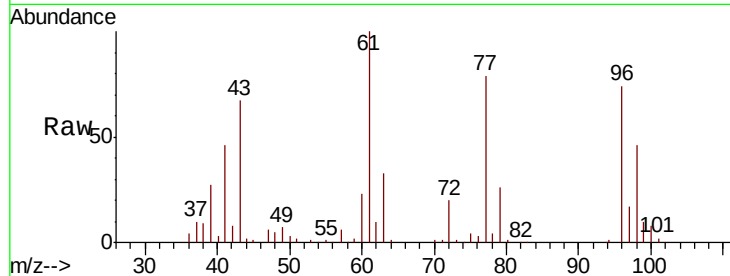




#25
2-Butanone
Concen: 504.269 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

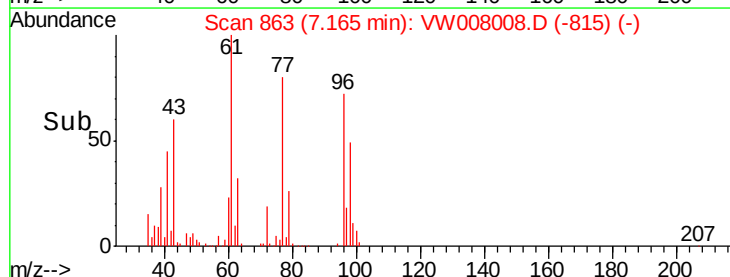
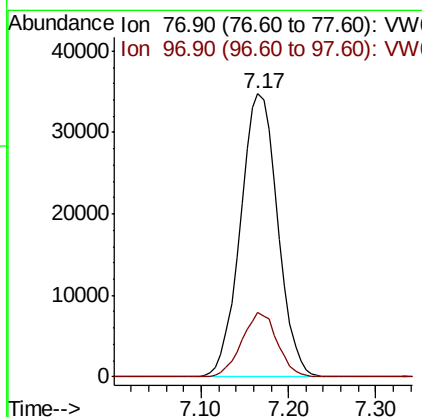
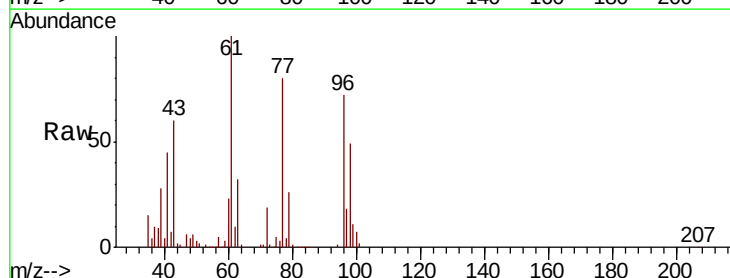
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

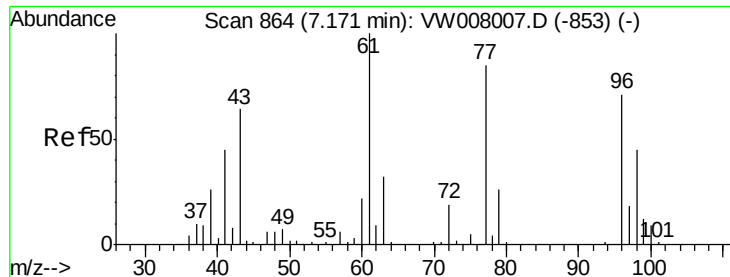
Tgt Ion: 43 Resp: 71504
Ion Ratio Lower Upper
43 100
72 29.5 23.8 35.8



#26
2,2-Dichloropropane
Concen: 97.779 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion: 77 Resp: 102717
Ion Ratio Lower Upper
77 100
97 21.7 11.0 33.0



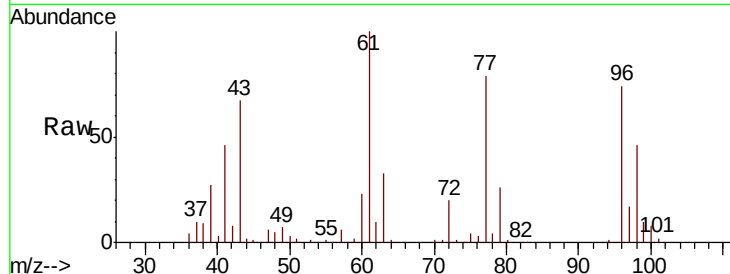


#27

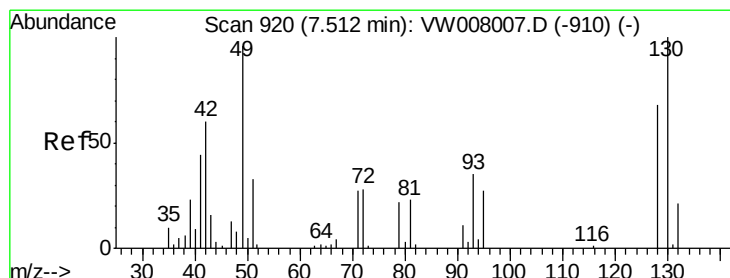
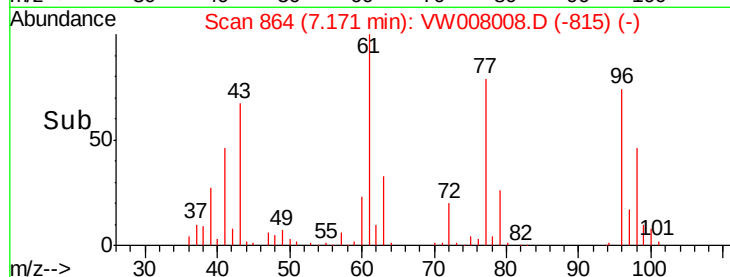
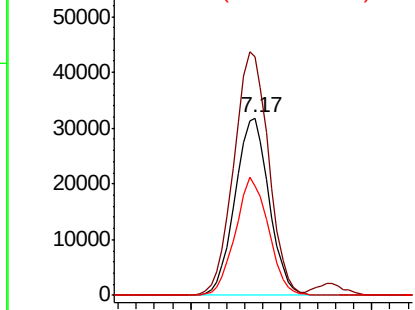
cis-1,2-Dichloroethene
Concen: 101.497 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 83015
Ion Ratio Lower Upper
96 100
61 140.3 0.0 286.4
98 64.5 0.0 130.6



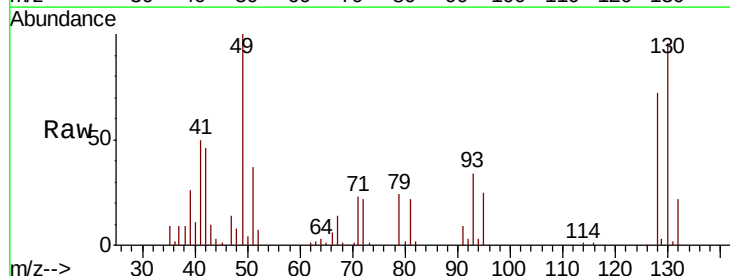
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



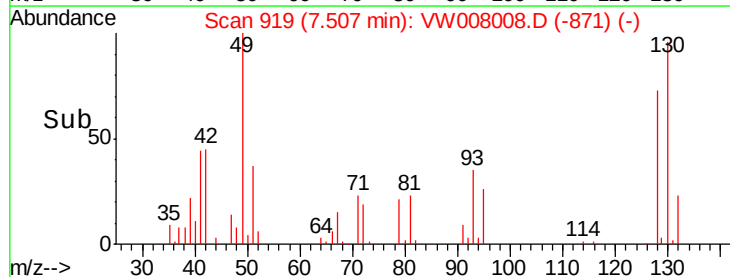
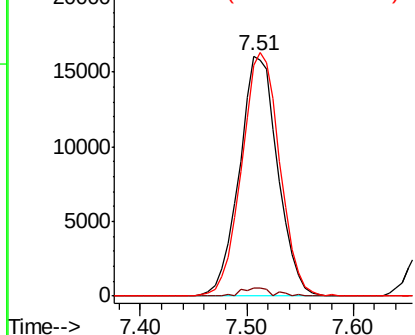
#28

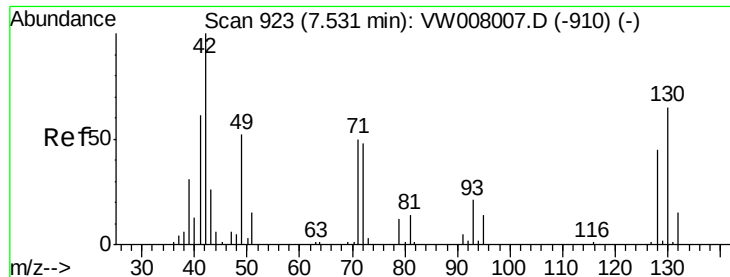
Bromochloromethane
Concen: 99.231 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion: 49 Resp: 40667
Ion Ratio Lower Upper
49 100
129 2.2 0.0 0.8#
130 100.4 78.5 117.7



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 507.507 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

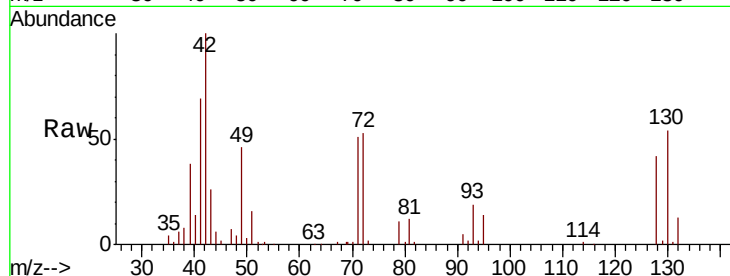
Tgt Ion: 42 Resp: 44700

Ion Ratio Lower Upper

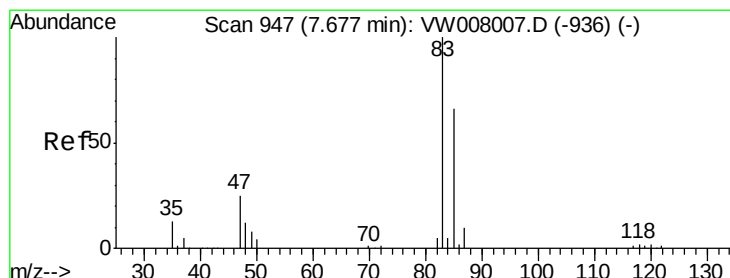
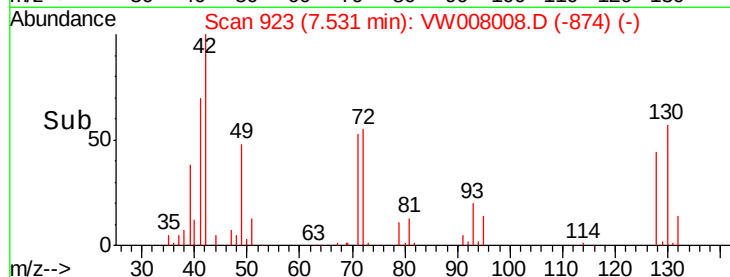
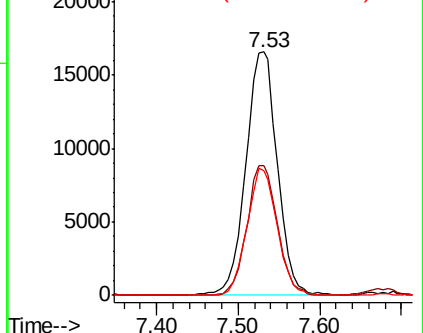
42 100

72 51.5 39.0 58.6

71 49.7 39.1 58.7



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



#30

Chloroform

Concen: 103.192 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW008008.D

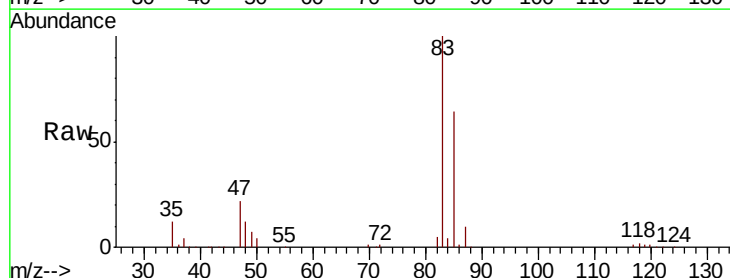
Acq: 02 Jan 2019 14:36

Tgt Ion: 83 Resp: 147463

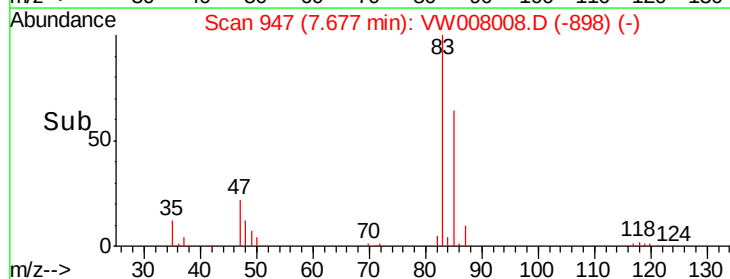
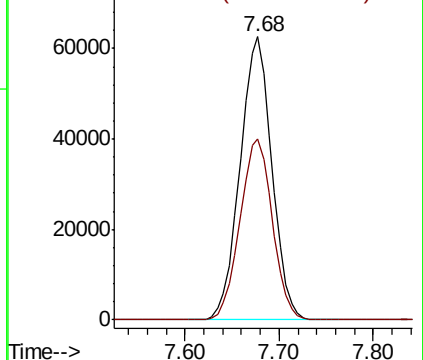
Ion Ratio Lower Upper

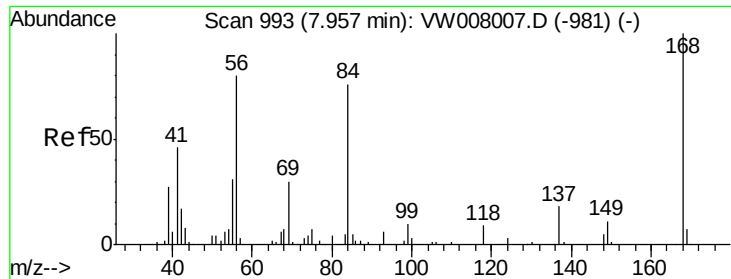
83 100

85 64.2 52.7 79.1



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

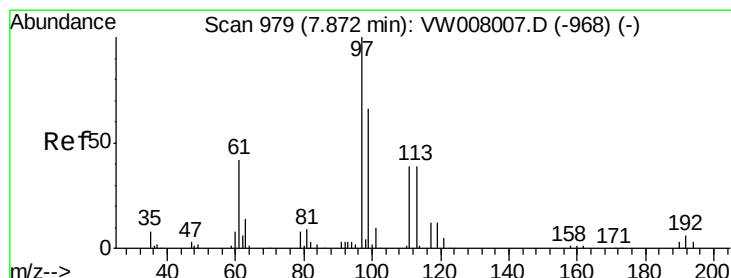
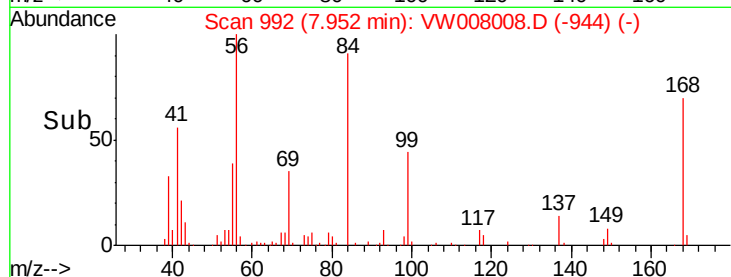
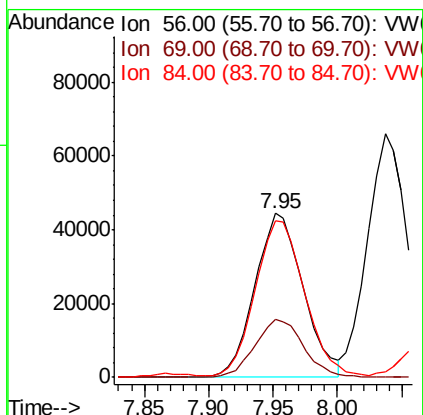
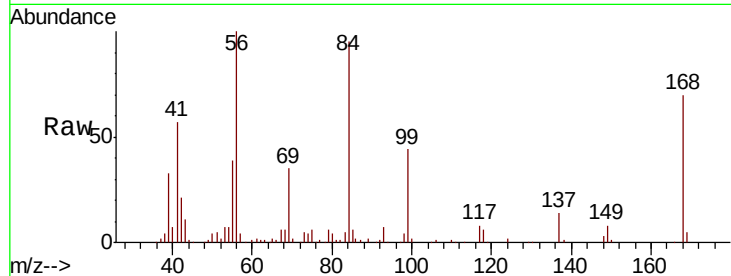




#31
Cyclohexane
Concen: 97.475 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

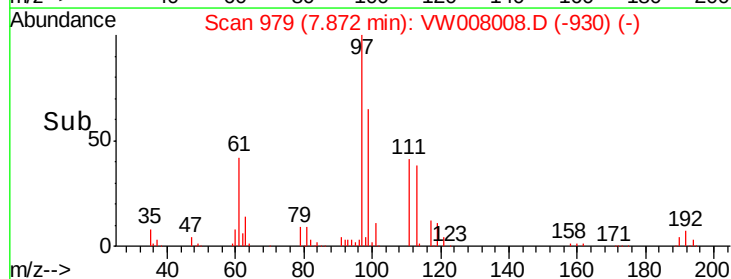
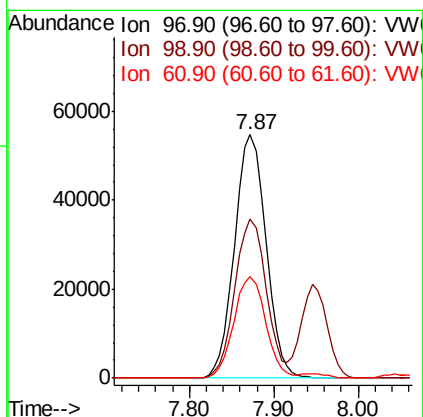
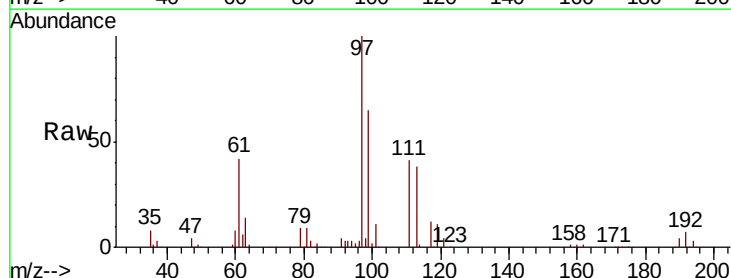
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

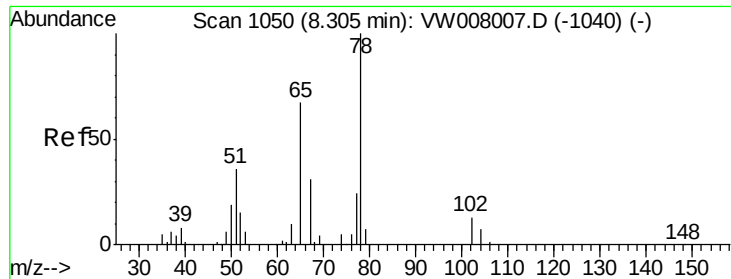
Tgt Ion: 56 Resp: 115840
Ion Ratio Lower Upper
56 100
69 35.2 29.8 44.6
84 93.5 75.2 112.8



#32
1,1,1-Trichloroethane
Concen: 101.416 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion: 97 Resp: 138675
Ion Ratio Lower Upper
97 100
99 65.5 51.5 77.3
61 42.1 33.4 50.0

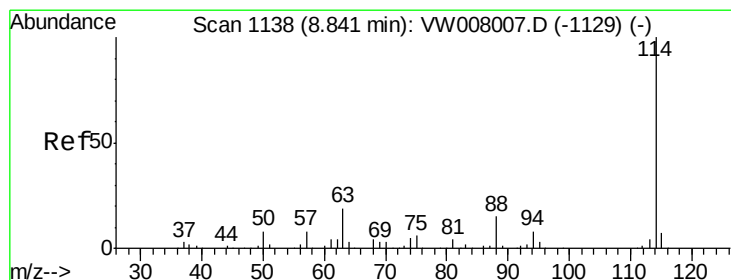
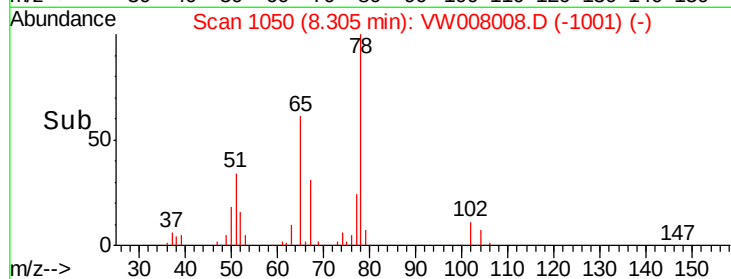
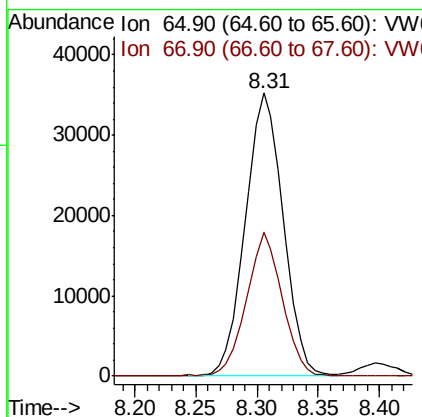
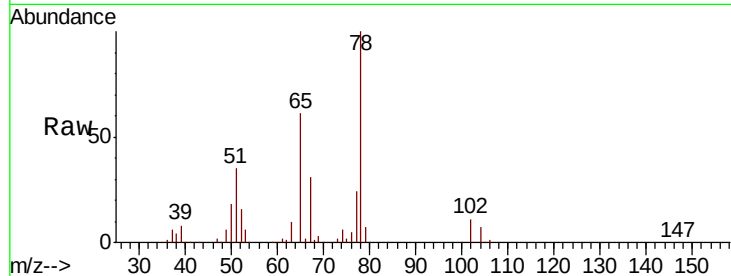




#33
 1,2-Dichloroethane-d4
 Concen: 97.686 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

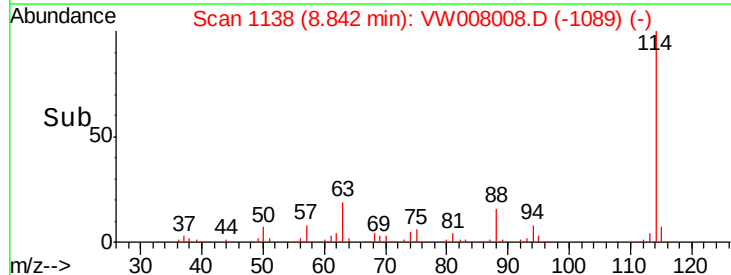
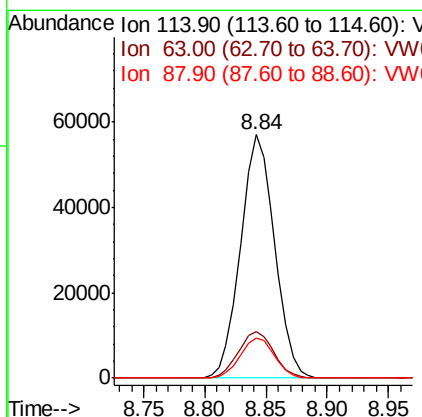
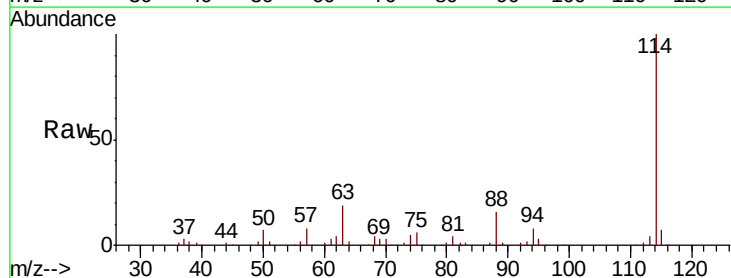
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

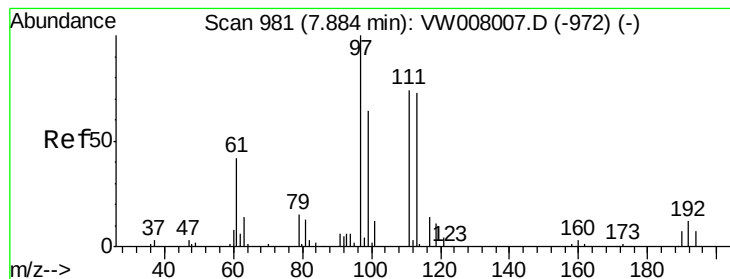
Tgt Ion: 65 Resp: 75948
 Ion Ratio Lower Upper
 65 100
 67 48.2 0.0 94.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

Tgt Ion: 114 Resp: 110147
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 37.8
 88 16.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 97.390 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

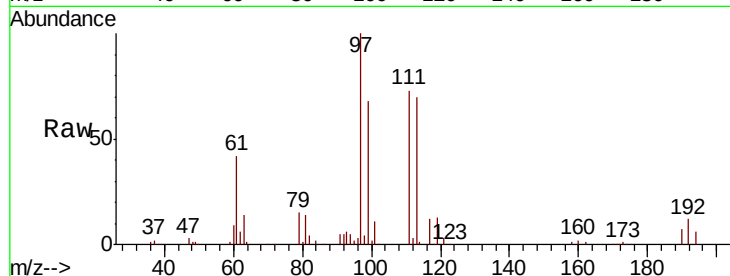
Tgt Ion: 113 Resp: 67625

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

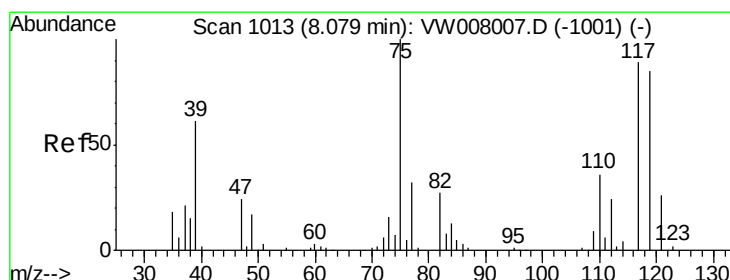
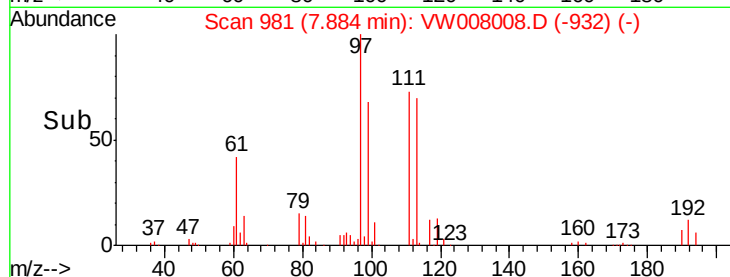
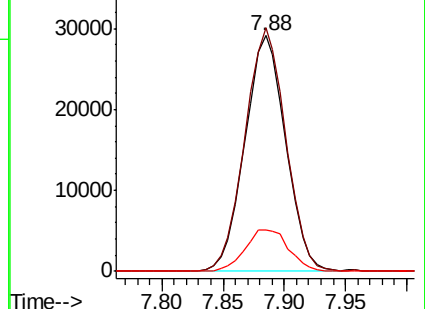
192 18.8 14.8 22.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 103.413 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.01 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

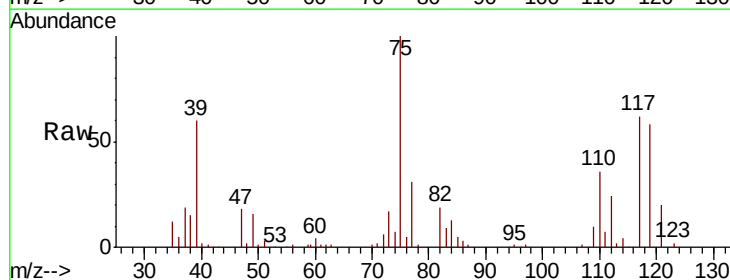
Tgt Ion: 75 Resp: 112364

Ion Ratio Lower Upper

75 100

110 36.5 18.1 54.3

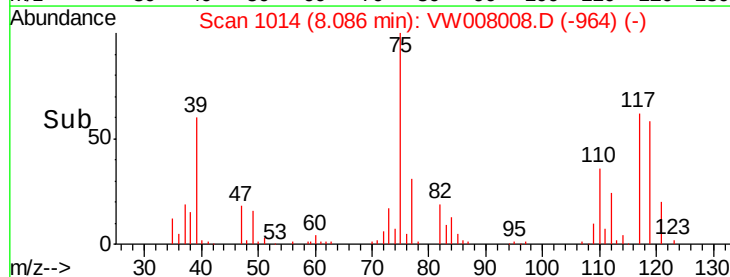
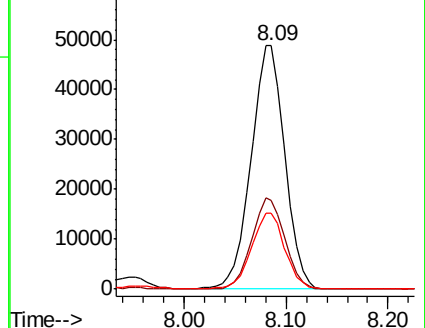
77 31.1 25.3 37.9

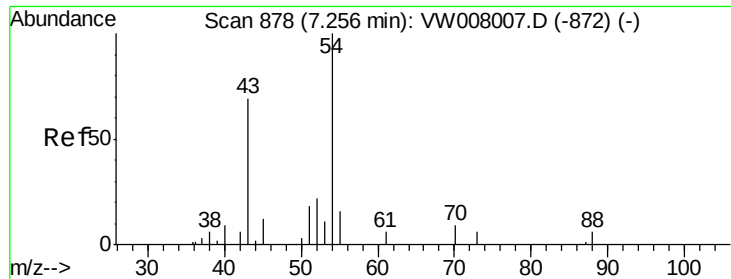


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

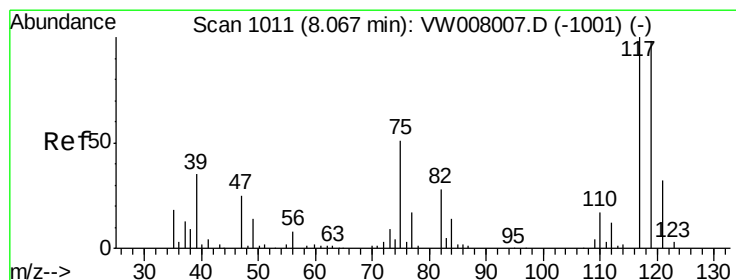
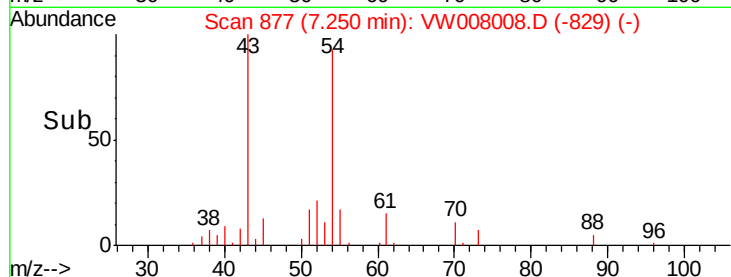
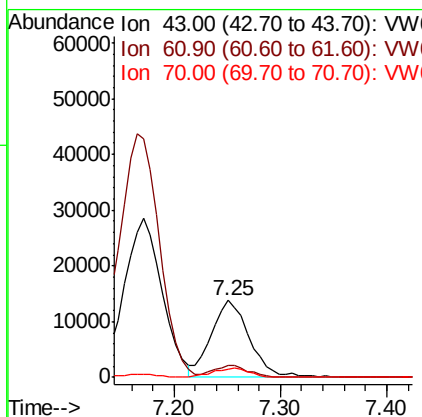
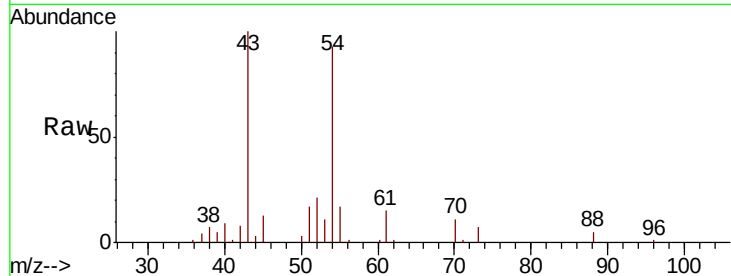




#37
Ethyl Acetate
Concen: 104.931 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

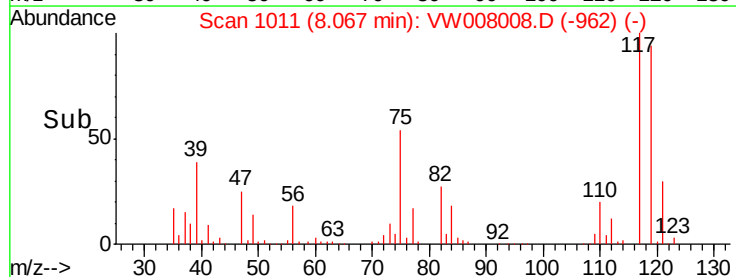
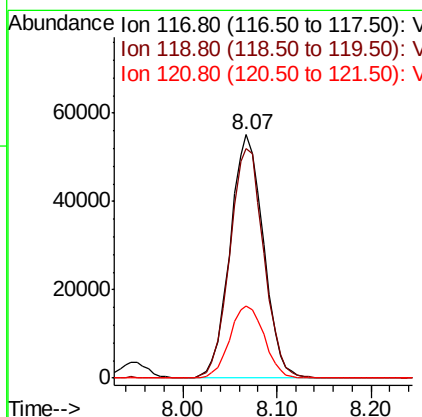
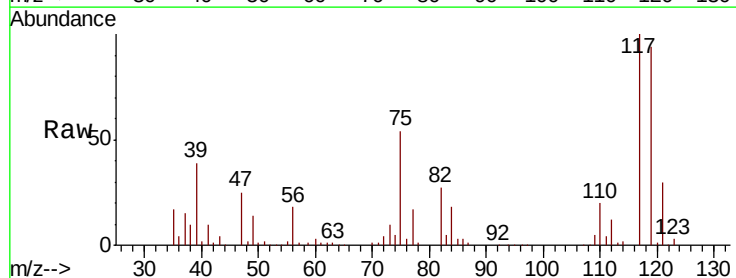
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

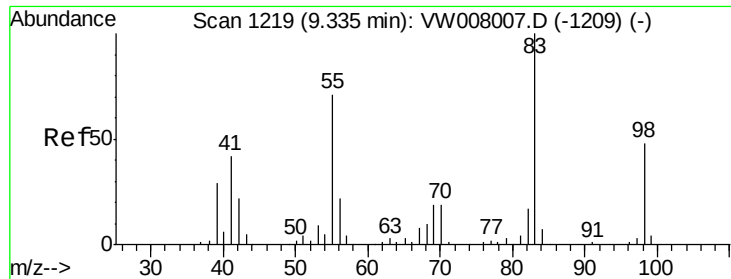
Tgt Ion: 43 Resp: 34247
Ion Ratio Lower Upper
43 100
61 14.3 11.4 17.2
70 11.8 9.4 14.0



#38
Carbon Tetrachloride
Concen: 103.974 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion: 117 Resp: 135391
Ion Ratio Lower Upper
117 100
119 94.4 78.7 118.1
121 29.6 25.8 38.8

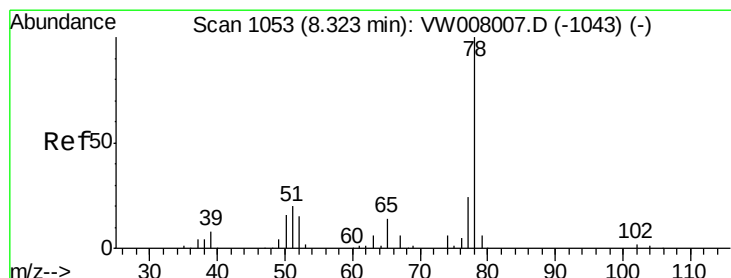
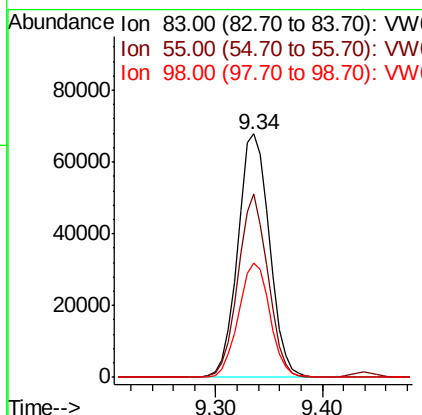
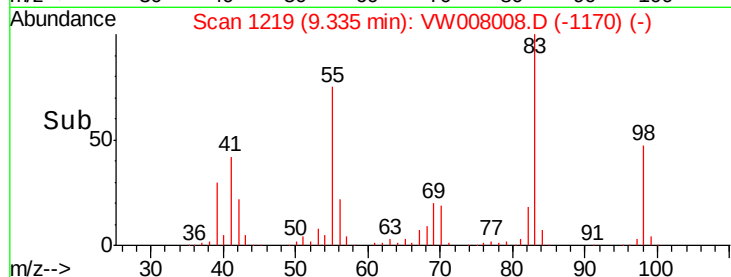
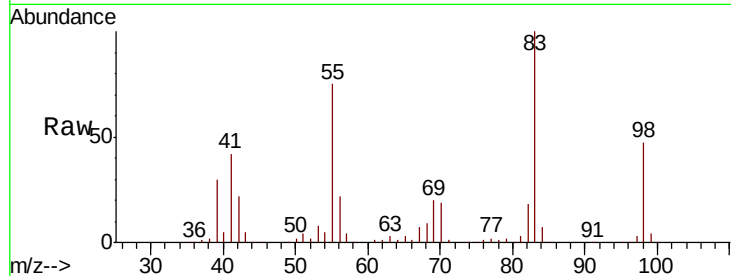




#39
Methylcyclohexane
Concen: 104.538 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

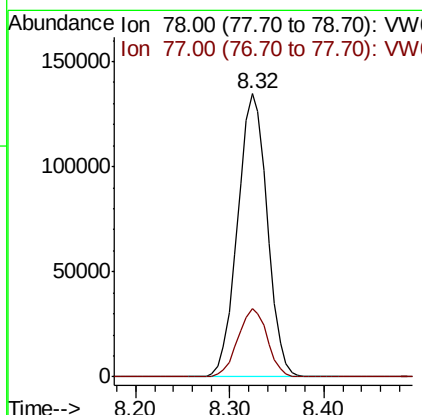
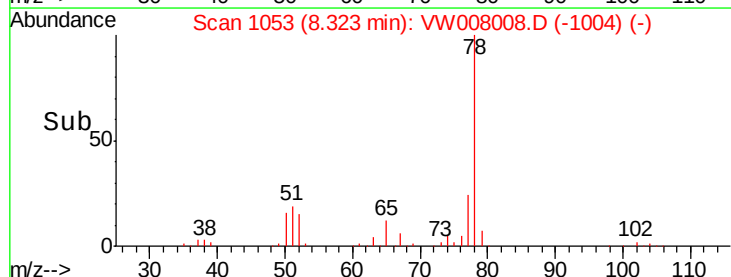
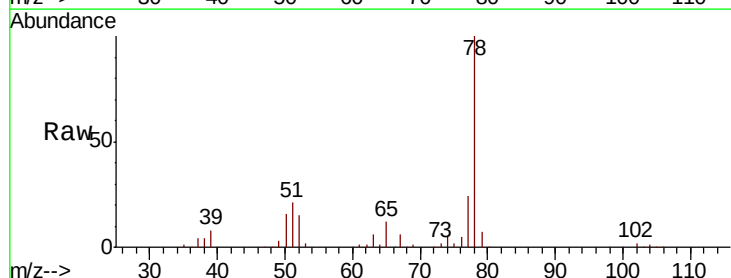
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

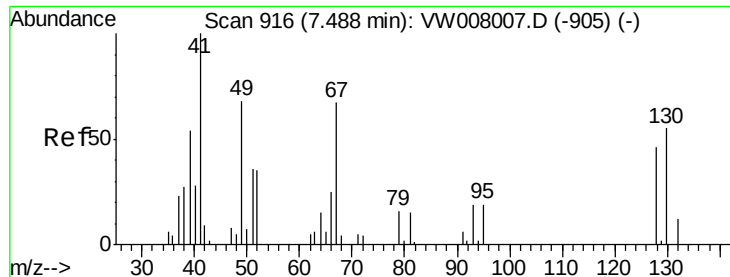
Tgt Ion: 83 Resp: 141585
Ion Ratio Lower Upper
83 100
55 75.5 56.8 85.2
98 47.1 38.6 58.0



#40
Benzene
Concen: 103.014 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion: 78 Resp: 295284
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6

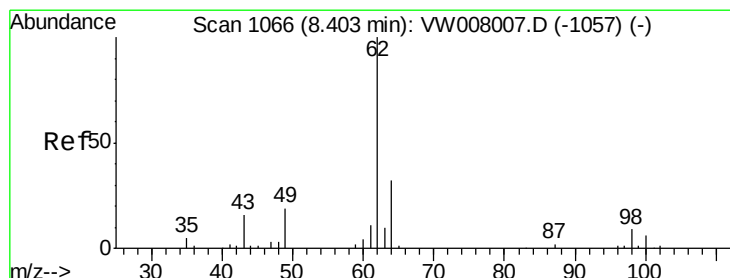
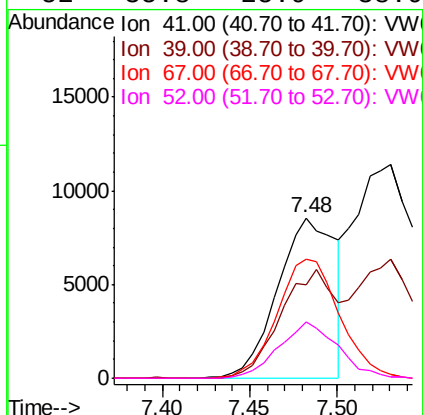
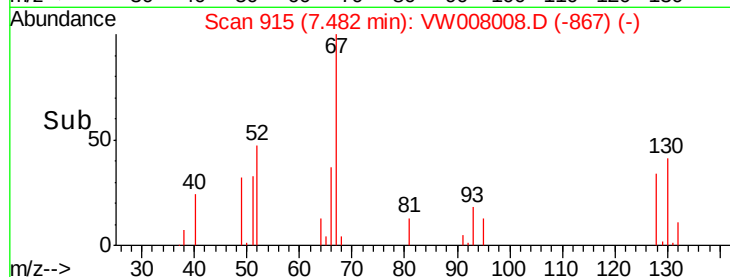
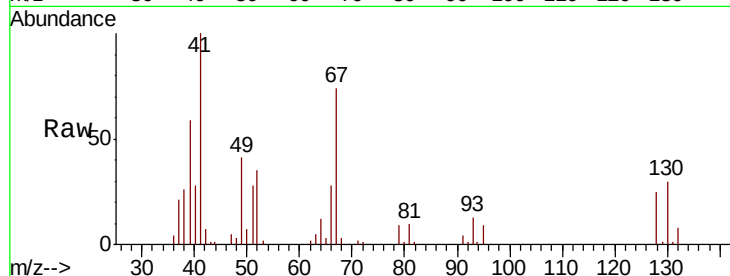




#41
Methacrylonitrile
Concen: 98.392 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

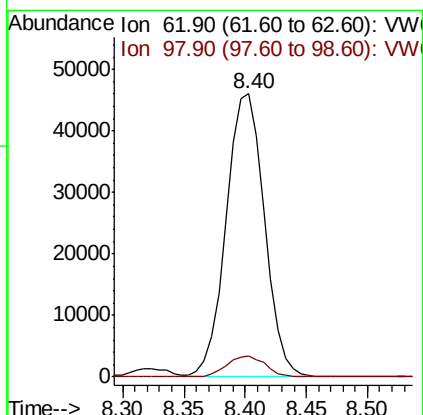
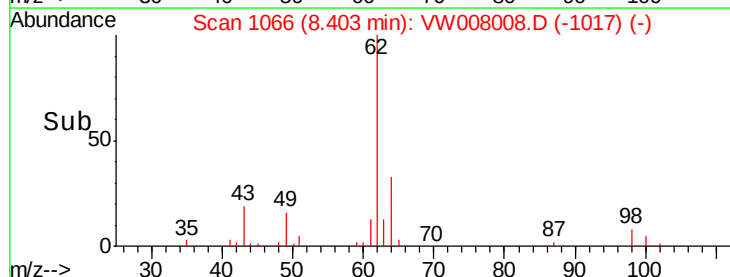
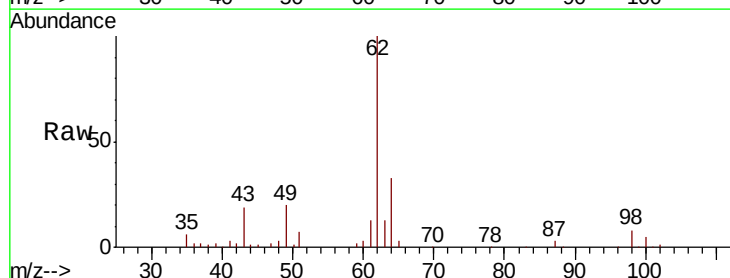
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

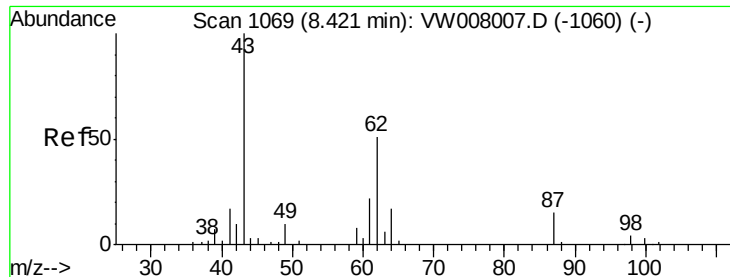
Tgt Ion:	41	Resp:	19786
Ion	Ratio	Lower	Upper
41	100		
39	63.1	48.6	72.8
67	79.9	55.6	83.4
52	35.8	25.9	38.9



#42
1,2-Dichloroethane
Concen: 104.415 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion:	62	Resp:	99722
Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	15.6





#43

Isopropyl Acetate

Concen: 105.764 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC100

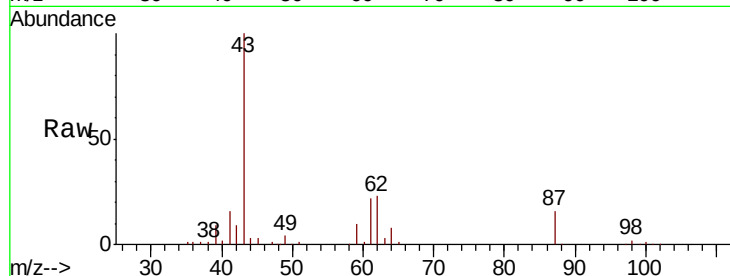
Tgt Ion: 43 Resp: 68971

Ion Ratio Lower Upper

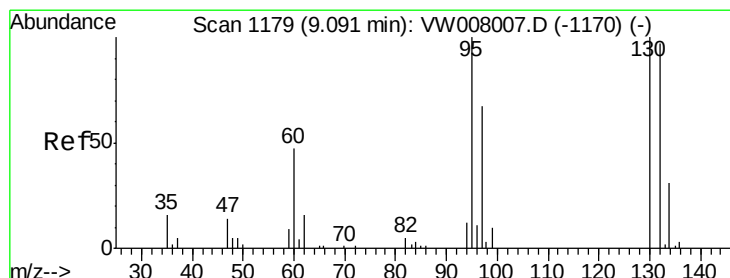
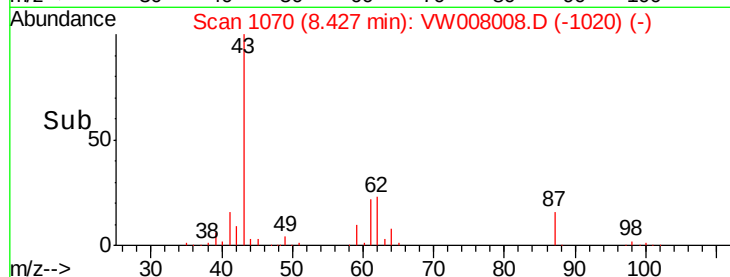
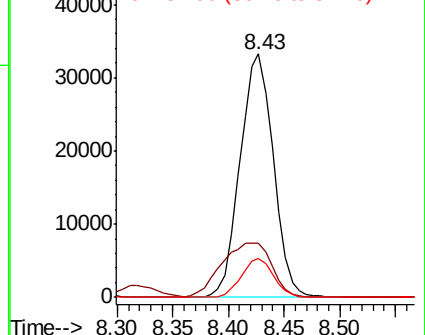
43 100

61 33.4 26.4 39.6

87 15.4 12.0 18.0



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: 102.130 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008008.D

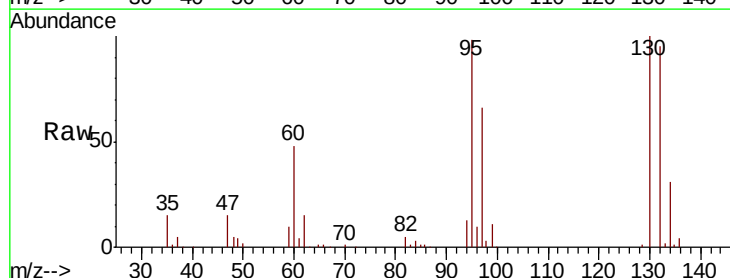
Acq: 02 Jan 2019 14:36

Tgt Ion: 130 Resp: 86388

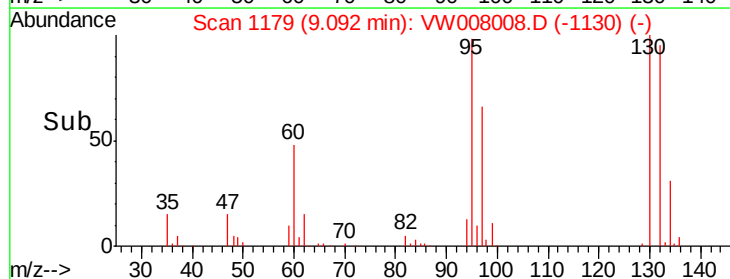
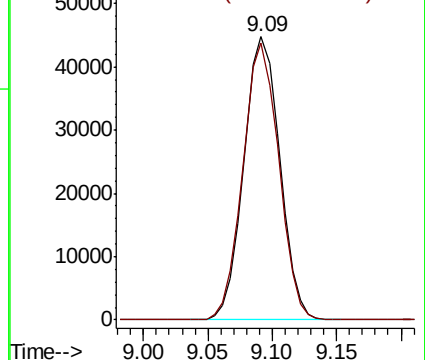
Ion Ratio Lower Upper

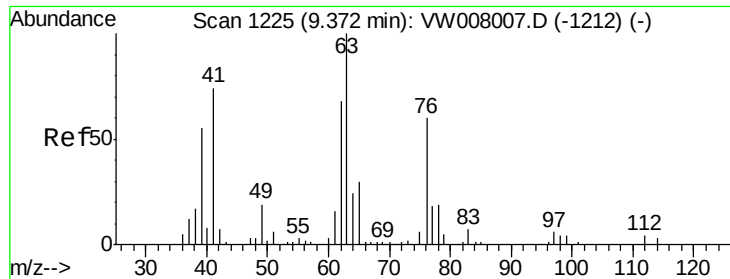
130 100

95 97.8 0.0 200.0



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

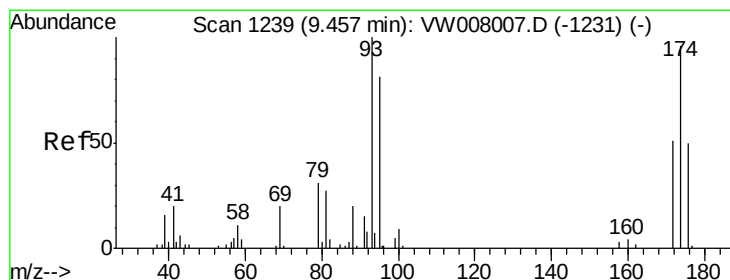
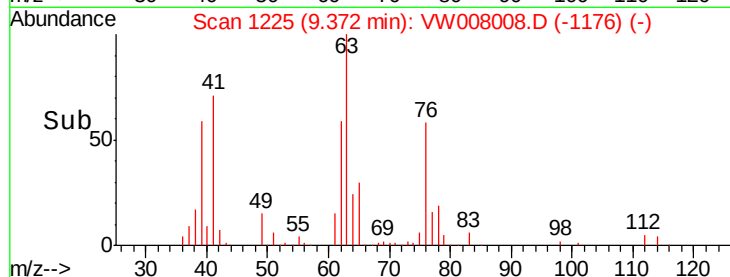
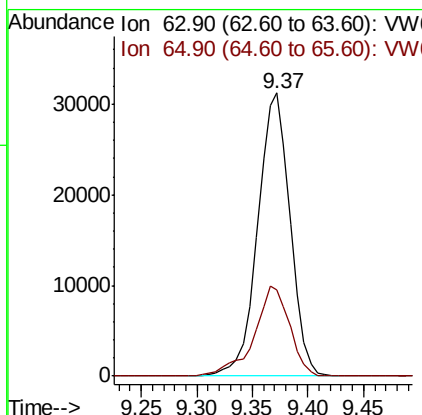
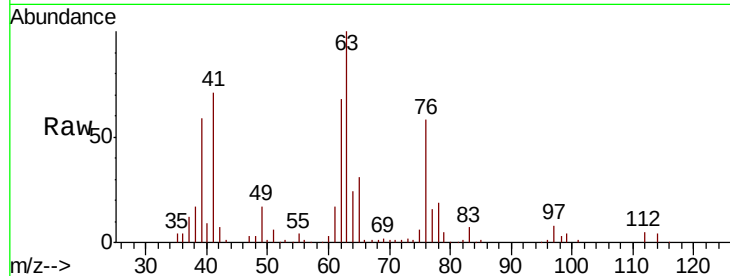




#45
 1,2-Dichloropropane
 Concen: 101.864 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

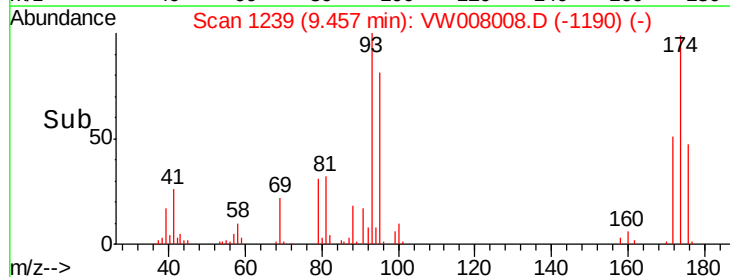
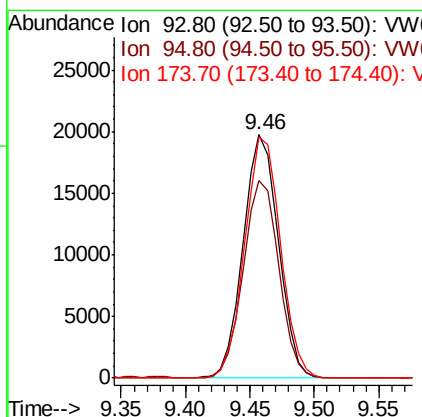
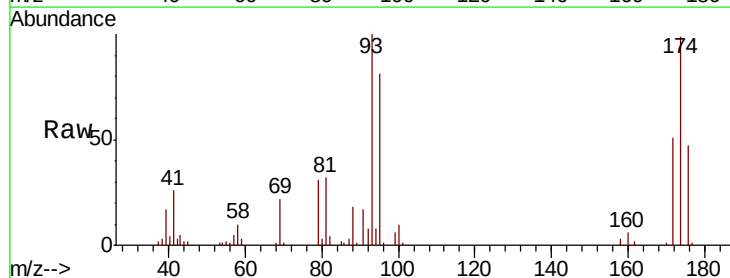
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

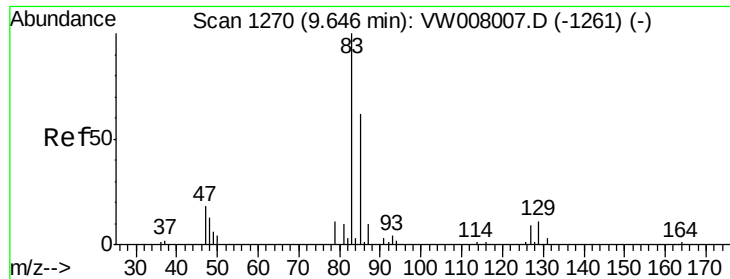
Tgt Ion: 63 Resp: 63201
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.2 36.4



#46
 Dibromomethane
 Concen: 103.159 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

Tgt Ion: 93 Resp: 37421
 Ion Ratio Lower Upper
 93 100
 95 81.8 63.9 95.9
 174 100.5 79.0 118.6





#47

Bromodichloromethane

Concen: 103.176 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

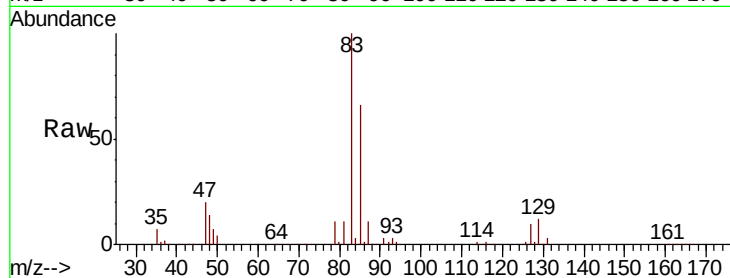
Tgt Ion: 83 Resp: 104829

Ion Ratio Lower Upper

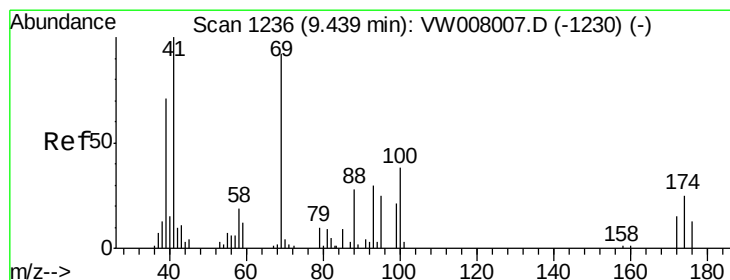
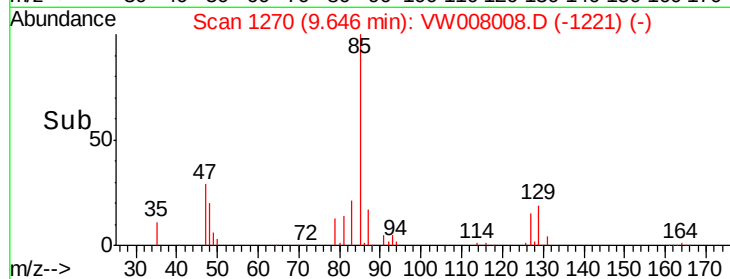
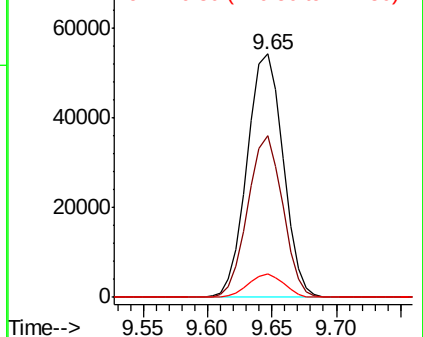
83 100

85 66.2 49.5 74.3

127 9.8 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 104.586 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

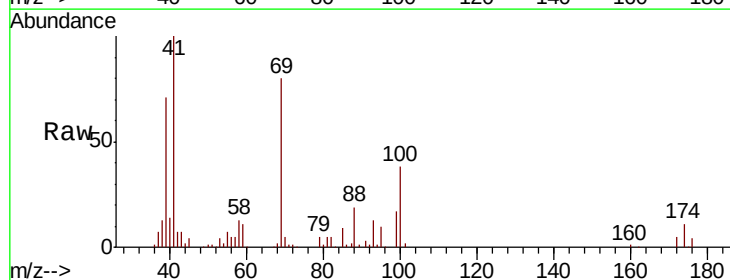
Tgt Ion: 41 Resp: 34389

Ion Ratio Lower Upper

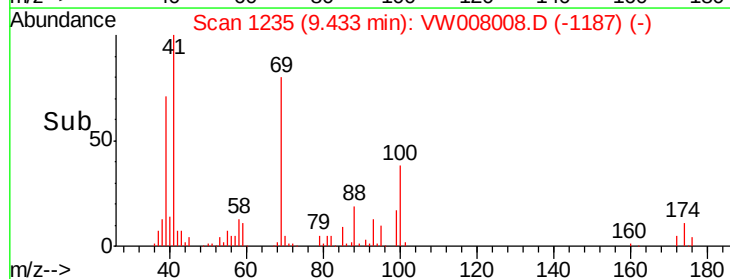
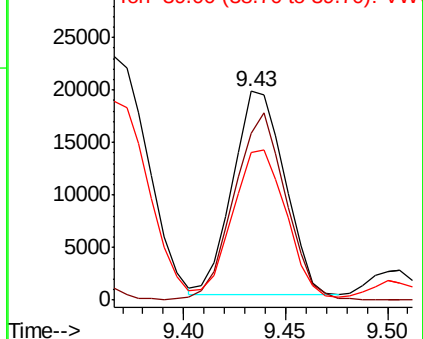
41 100

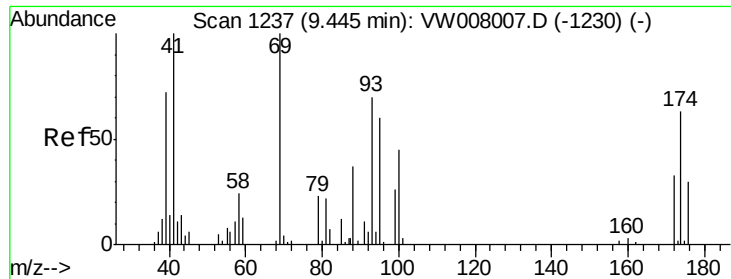
69 91.3 72.3 108.5

39 73.3 58.7 88.1



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

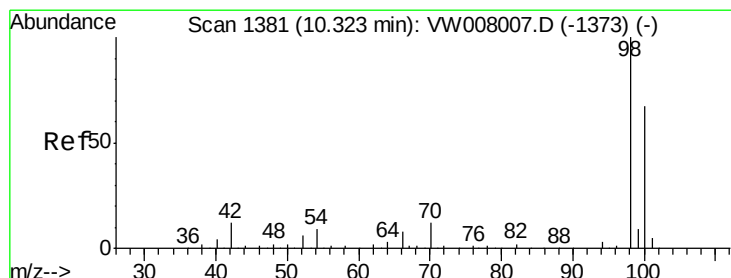
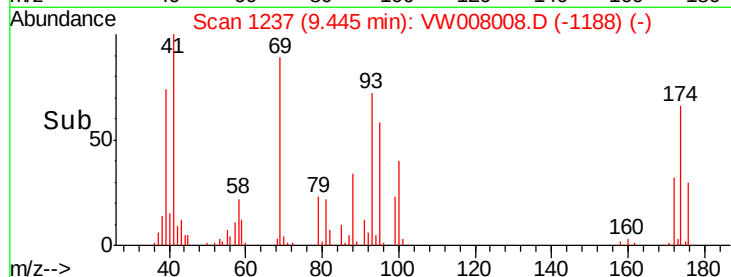
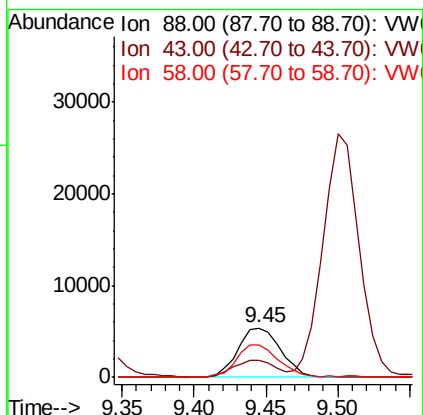
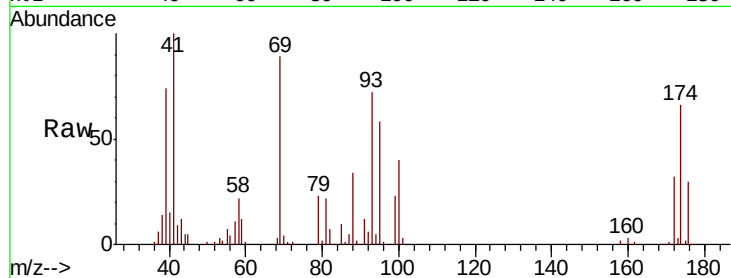




#49
1,4-Dioxane
Concen: 2063.640 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

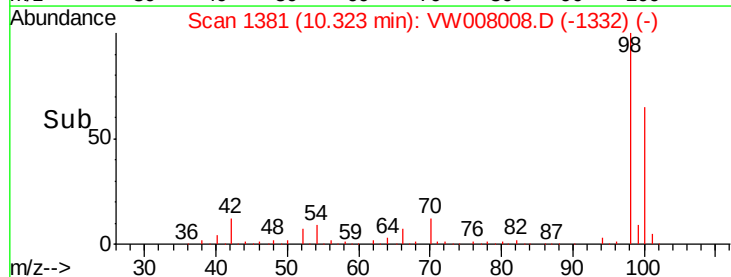
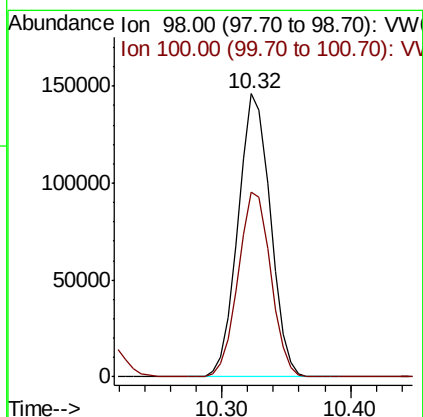
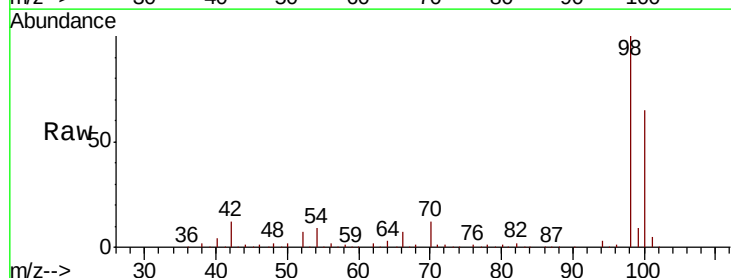
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

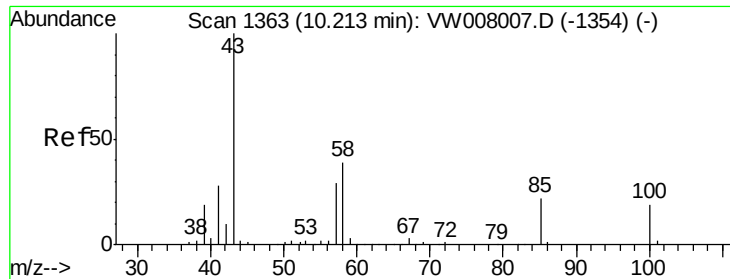
Tgt Ion: 88 Resp: 11078
Ion Ratio Lower Upper
88 100
43 33.6 26.8 40.2
58 64.8 55.8 83.6



#50
Toluene-d8
Concen: 97.555 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion: 98 Resp: 254108
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3

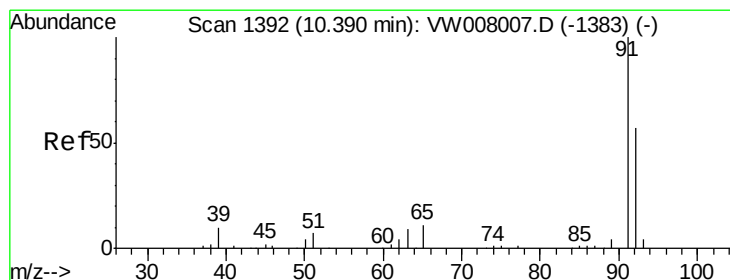
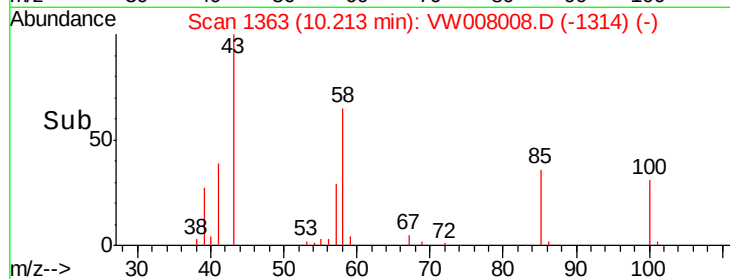
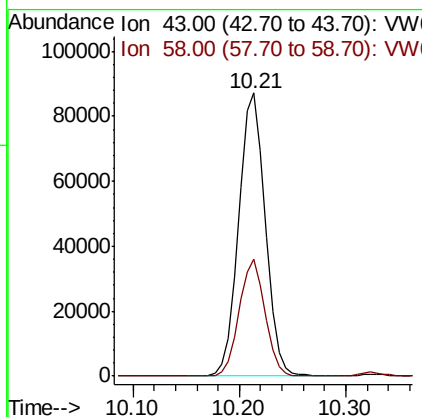
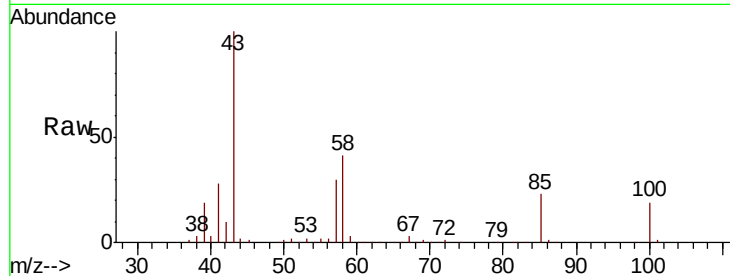




#51
 4-Methyl-2-Pentanone
 Concen: 507.138 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

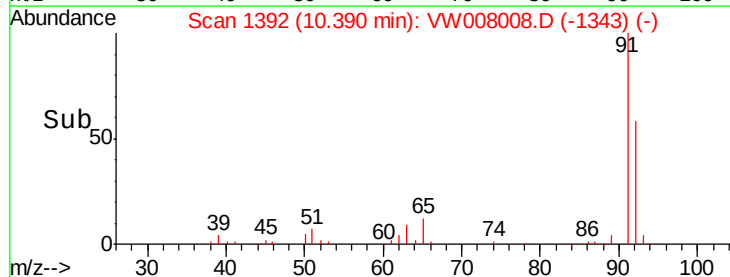
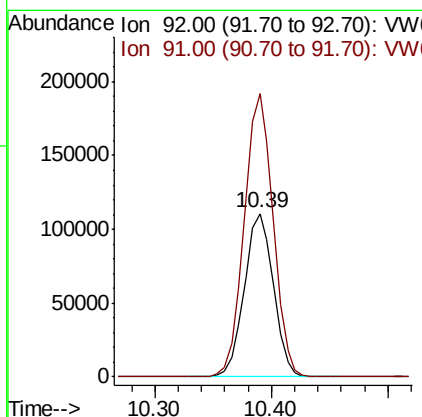
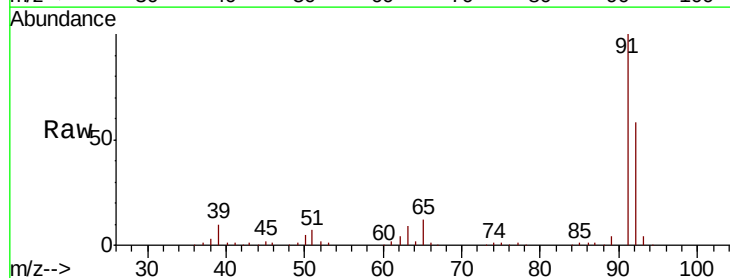
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

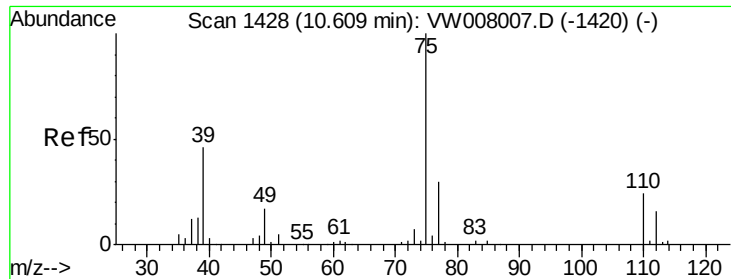
Tgt Ion: 43 Resp: 153086
 Ion Ratio Lower Upper
 43 100
 58 40.0 32.0 48.0



#52
 Toluene
 Concen: 101.907 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

Tgt Ion: 92 Resp: 192843
 Ion Ratio Lower Upper
 92 100
 91 172.6 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 106.209 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

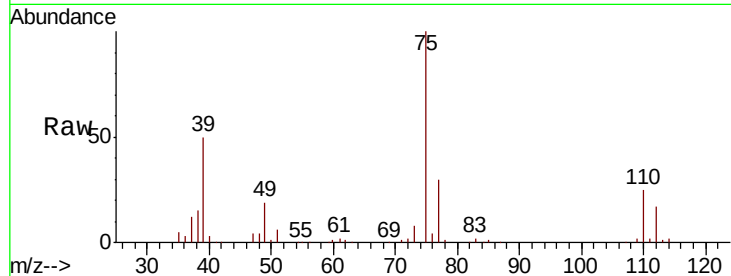
VSTDIC100

Tgt Ion: 75 Resp: 103765

Ion Ratio Lower Upper

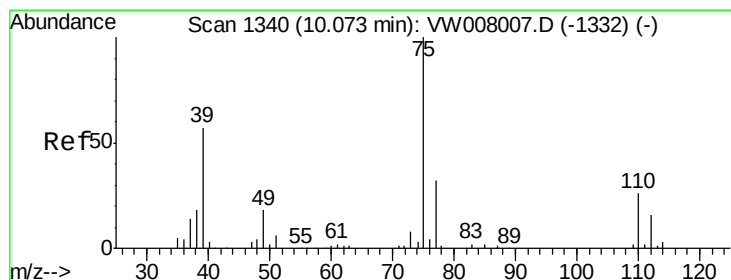
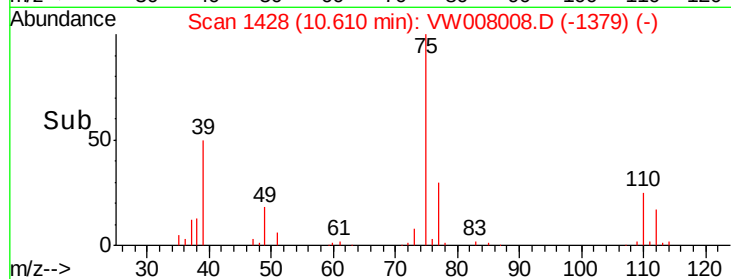
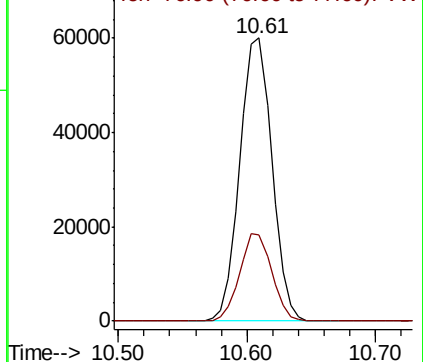
75 100

77 30.4 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 104.798 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

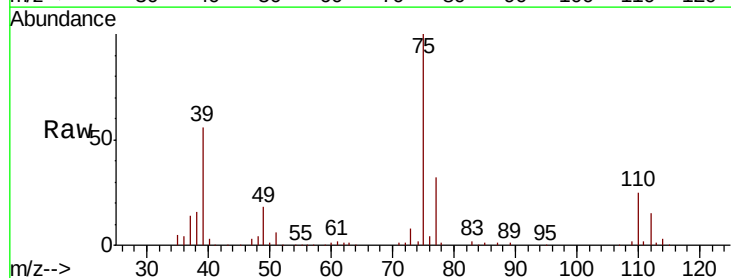
Tgt Ion: 75 Resp: 114251

Ion Ratio Lower Upper

75 100

77 31.6 25.9 38.9

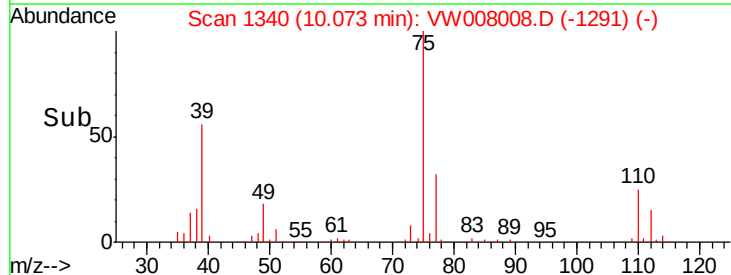
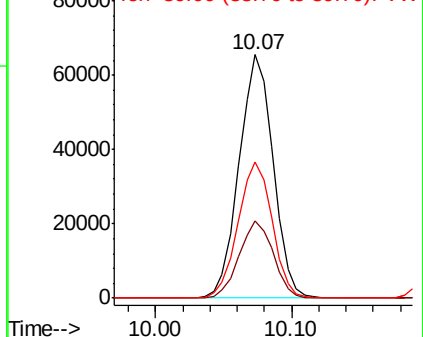
39 55.9 45.4 68.0

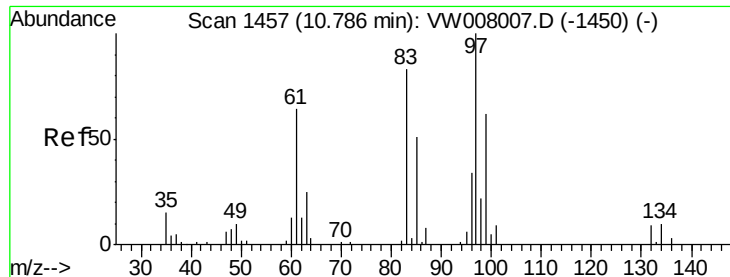


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 103.320 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

Tgt Ion: 97 Resp: 50745

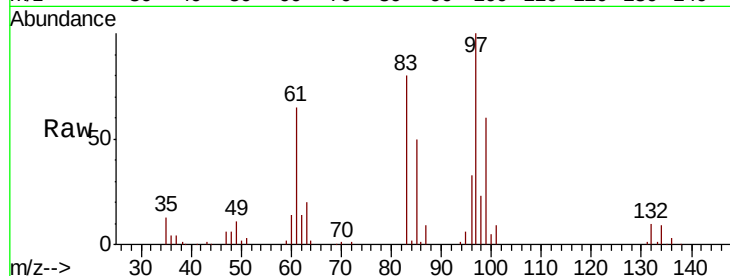
Ion Ratio Lower Upper

97 100

83 80.2 66.2 99.2

85 49.6 41.0 61.4

99 60.1 49.3 73.9



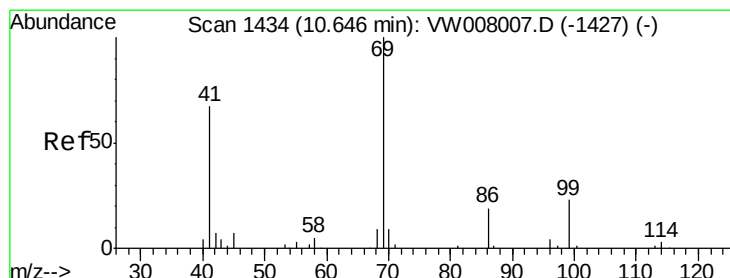
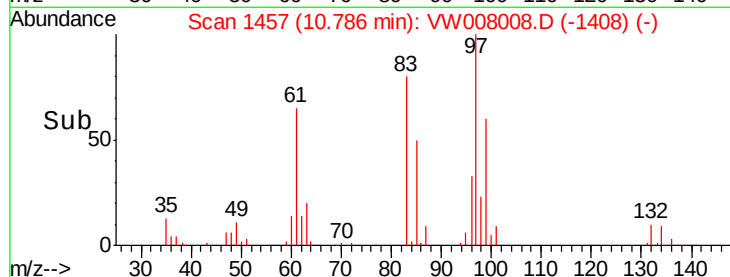
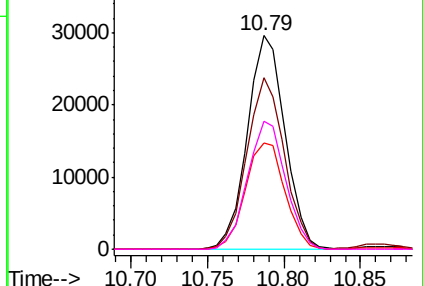
Abundance

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: 107.629 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

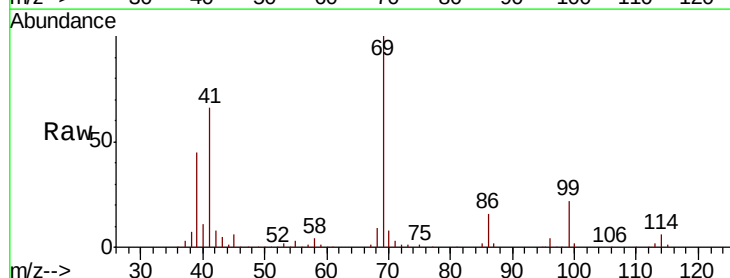
Tgt Ion: 69 Resp: 59760

Ion Ratio Lower Upper

69 100

41 65.1 52.6 79.0

39 44.1 35.8 53.6

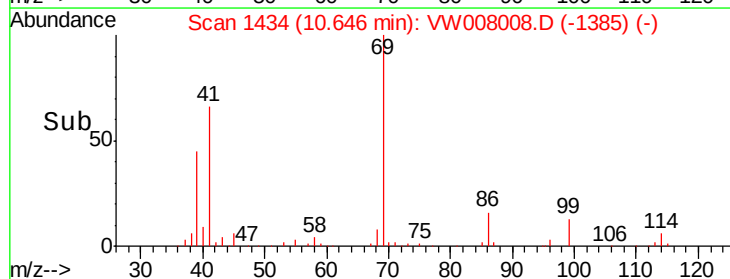
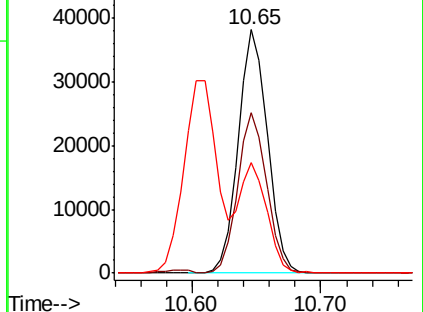


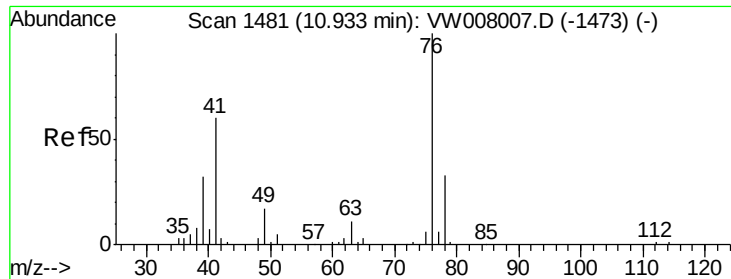
Abundance

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

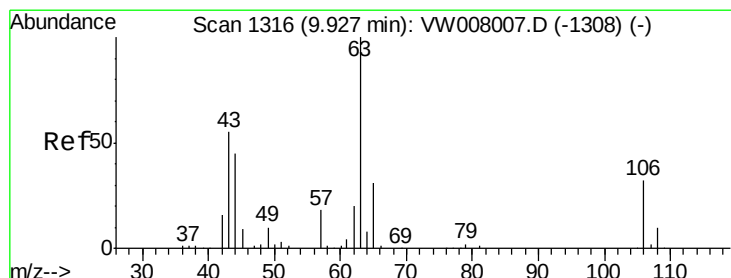
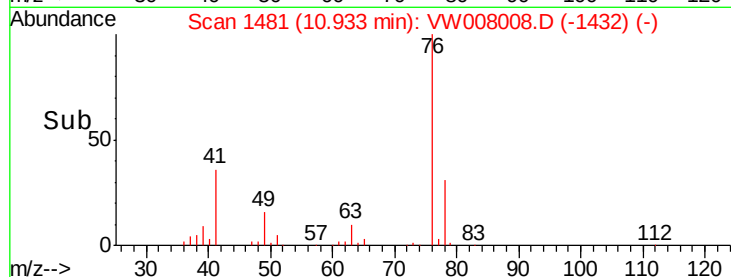
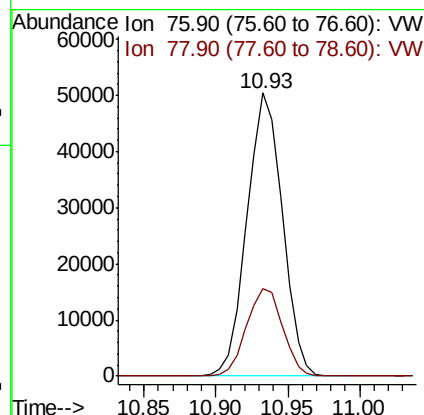
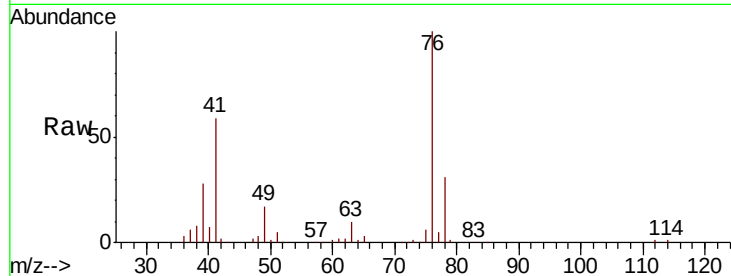




#57
 1,3-Dichloropropane
 Concen: 102.717 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

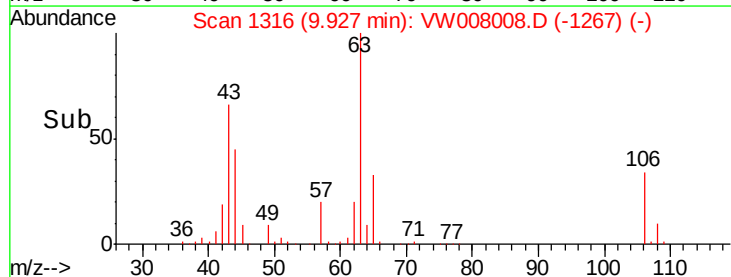
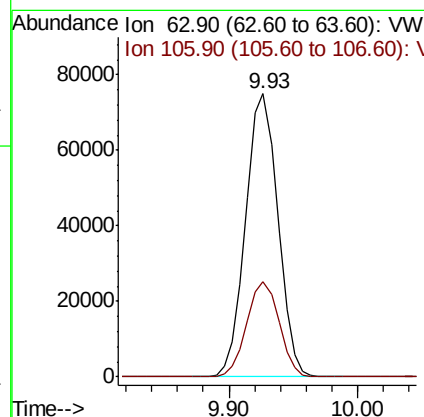
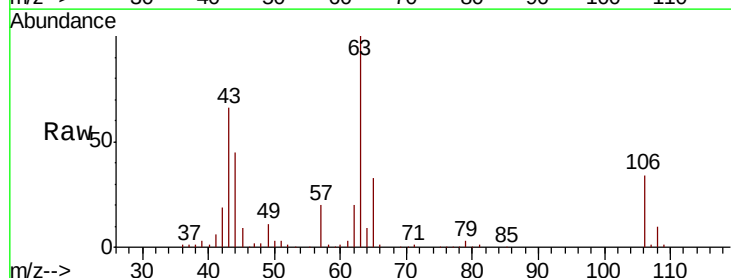
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

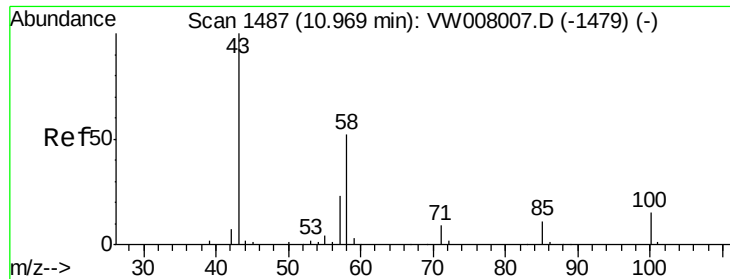
Tgt Ion: 76 Resp: 85722
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.7 40.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 492.720 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

Tgt Ion: 63 Resp: 129747
 Ion Ratio Lower Upper
 63 100
 106 33.7 26.9 40.3

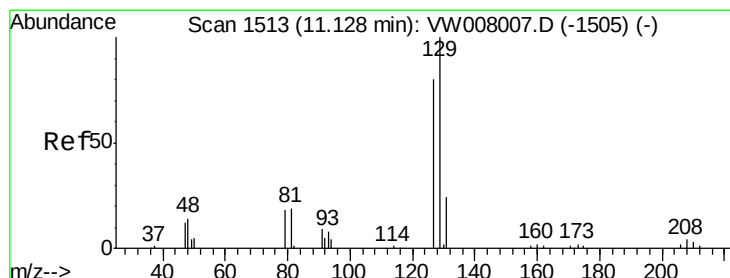
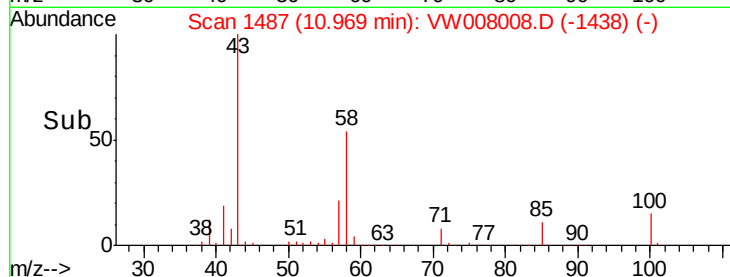
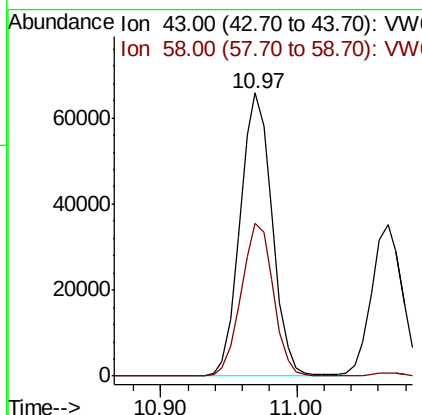
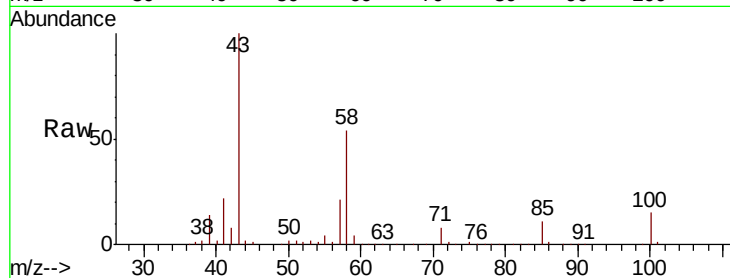




#59
2-Hexanone
Concen: 519.265 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

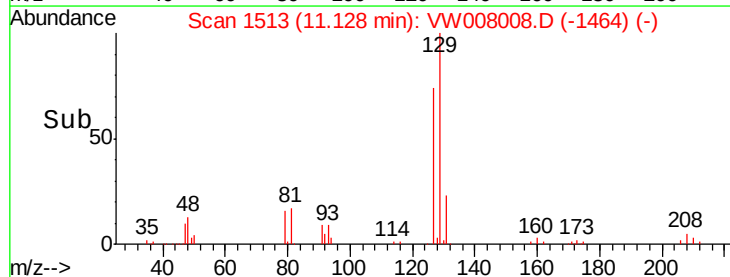
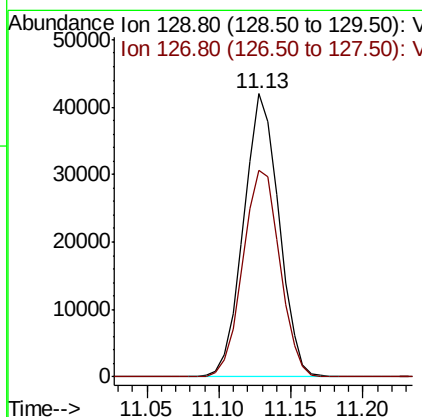
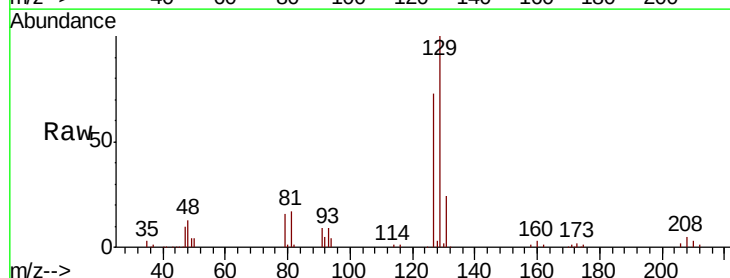
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

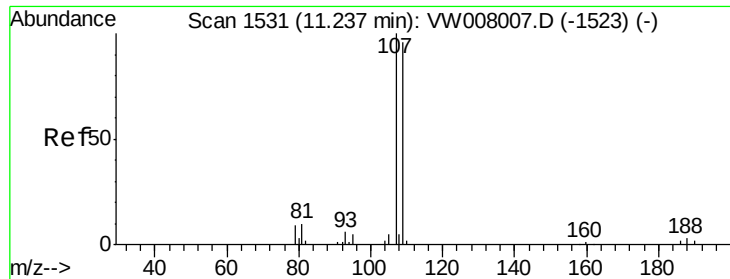
Tgt Ion: 43 Resp: 108211
Ion Ratio Lower Upper
43 100
58 53.8 27.1 81.2



#60
Dibromochloromethane
Concen: 105.984 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion: 129 Resp: 71252
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 104.402 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

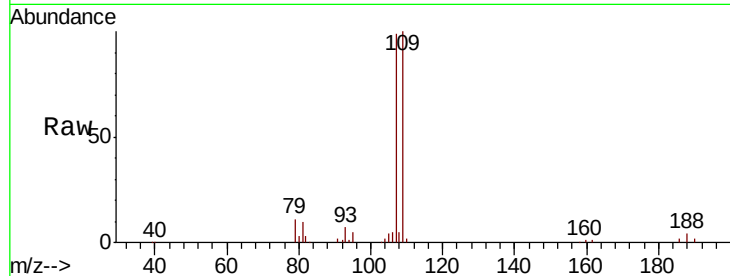
VSTDIC100

Tgt Ion: 107 Resp: 51314

Ion Ratio Lower Upper

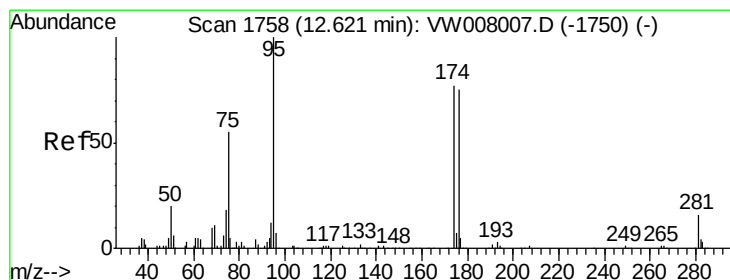
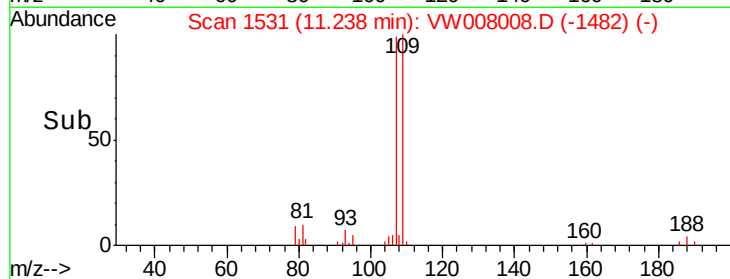
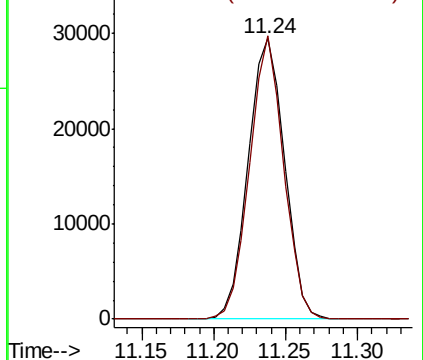
107 100

109 94.2 77.2 115.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 97.137 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

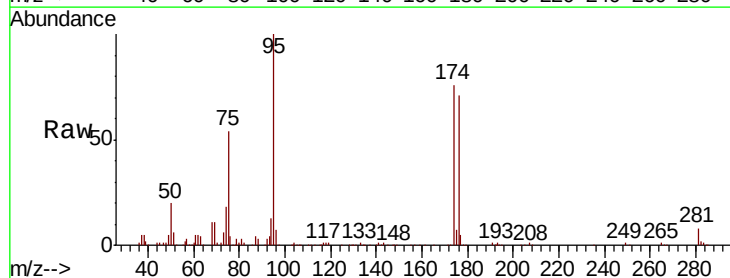
Tgt Ion: 95 Resp: 97034

Ion Ratio Lower Upper

95 100

174 75.5 0.0 149.6

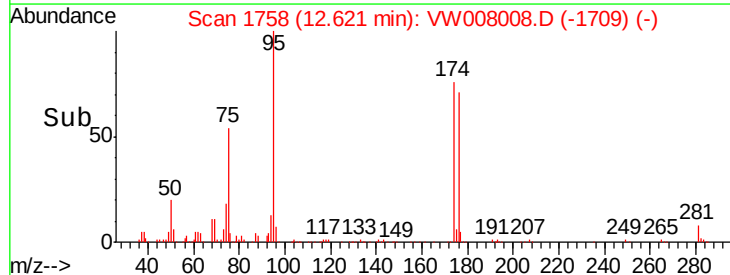
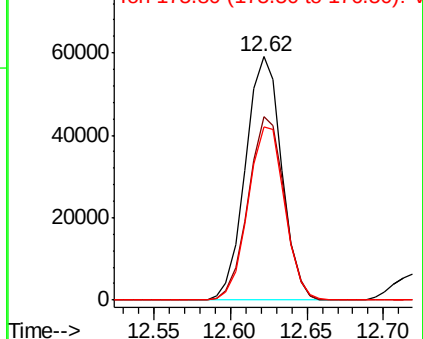
176 72.3 0.0 145.4

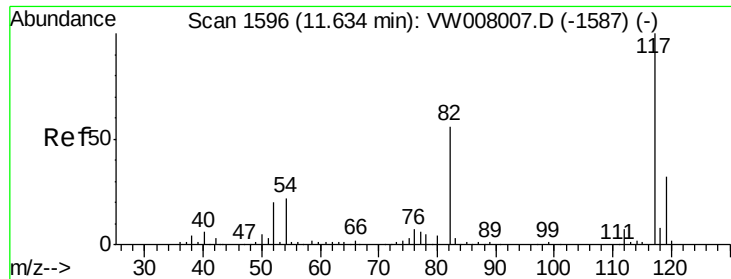


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

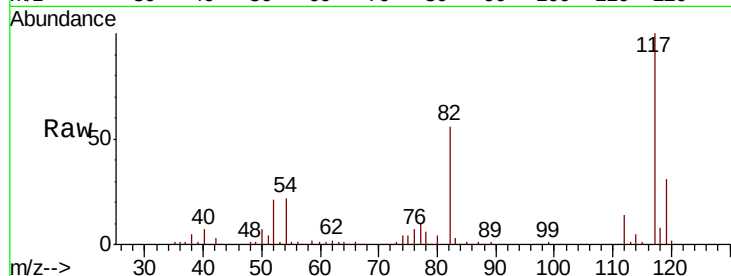




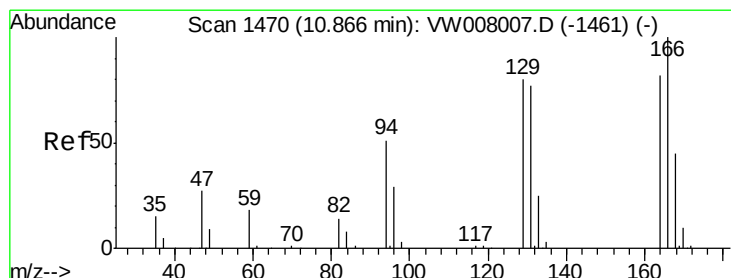
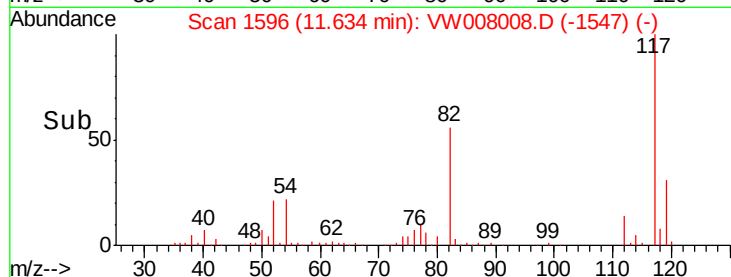
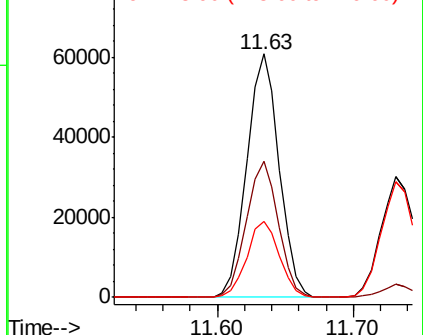
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 101074
Ion Ratio Lower Upper
117 100
82 55.9 44.8 67.2
119 31.5 25.6 38.4

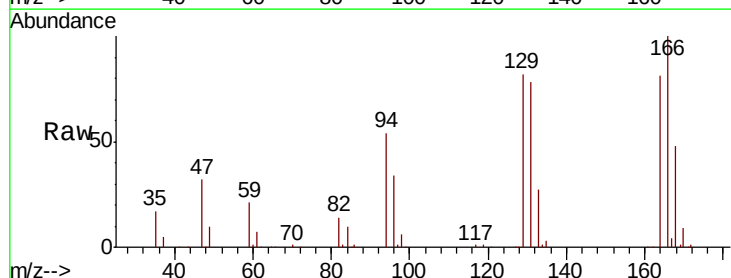


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

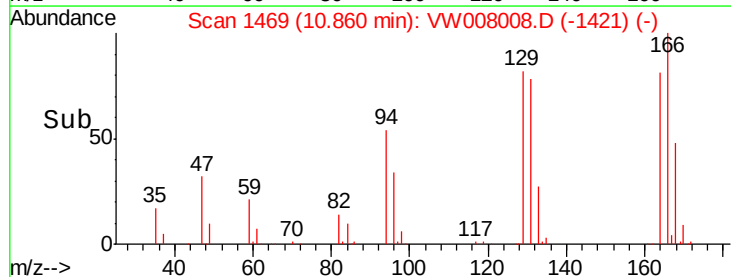
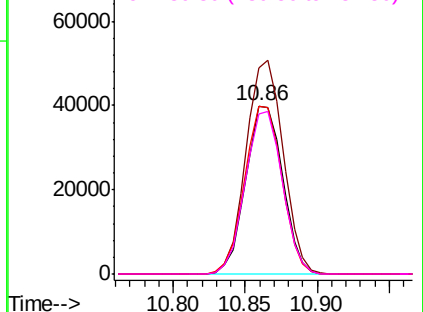


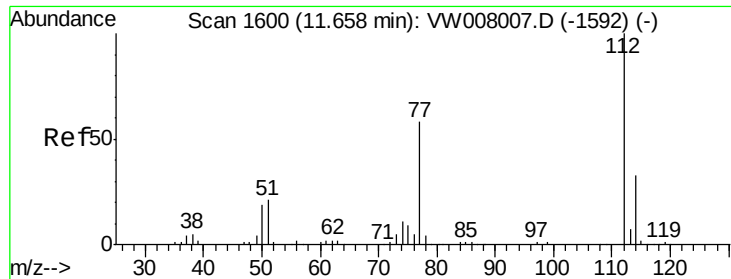
#64
Tetrachloroethene
Concen: 101.362 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion:164 Resp: 70769
Ion Ratio Lower Upper
164 100
166 122.8 98.1 147.1
129 100.2 78.0 117.0
131 95.5 75.8 113.8



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

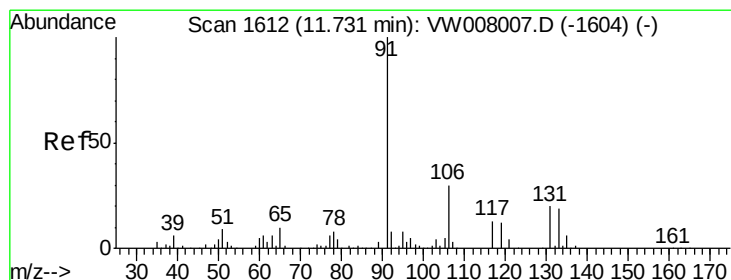
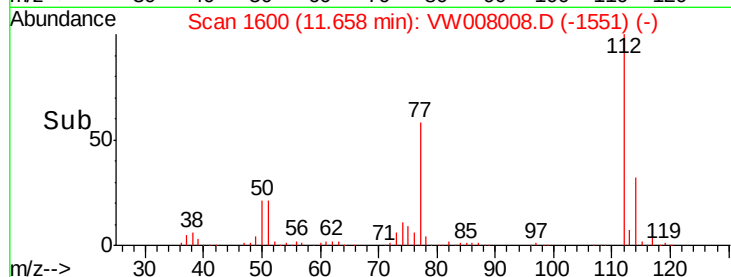
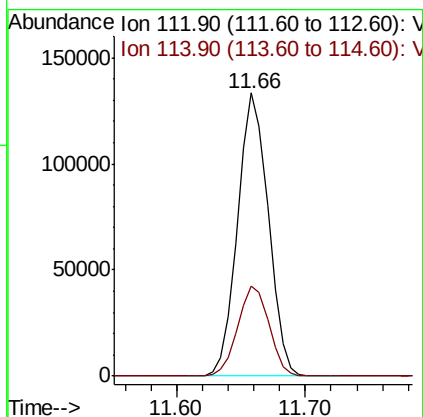
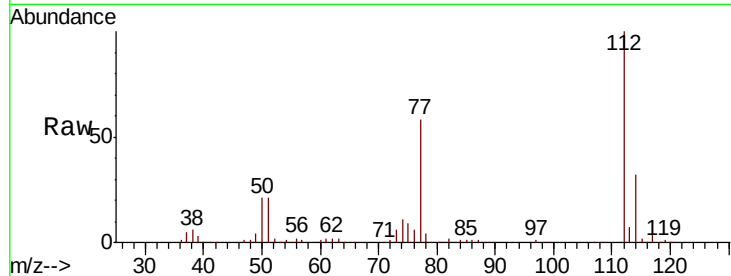




#65
Chlorobenzene
Concen: 102.003 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

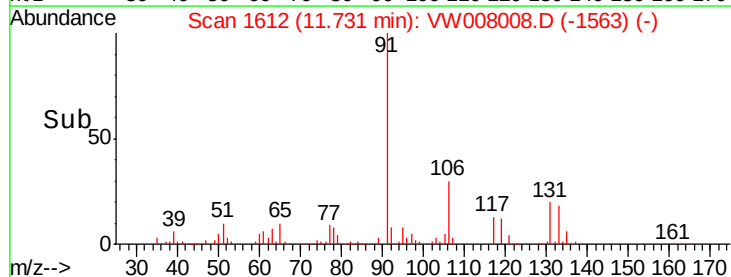
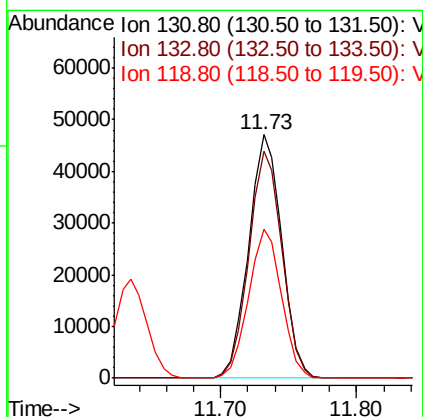
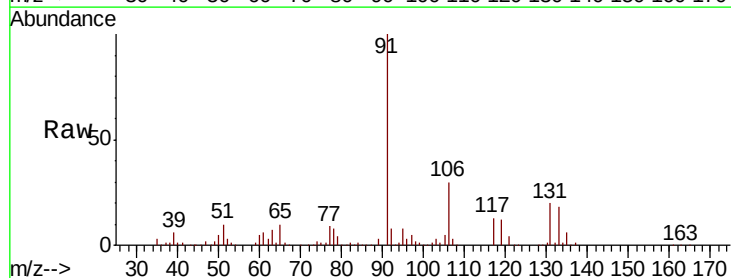
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

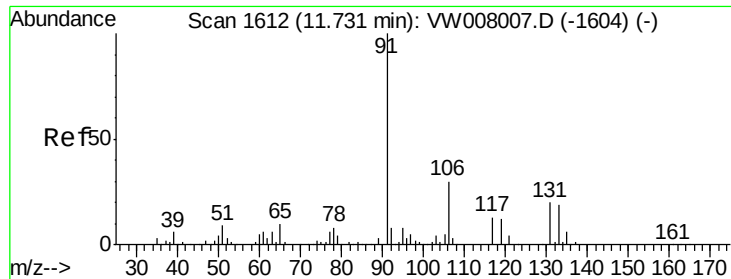
Tgt Ion:112 Resp: 220343
Ion Ratio Lower Upper
112 100
114 31.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 102.815 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion:131 Resp: 80429
Ion Ratio Lower Upper
131 100
133 93.1 49.1 147.3
119 60.8 30.6 91.6

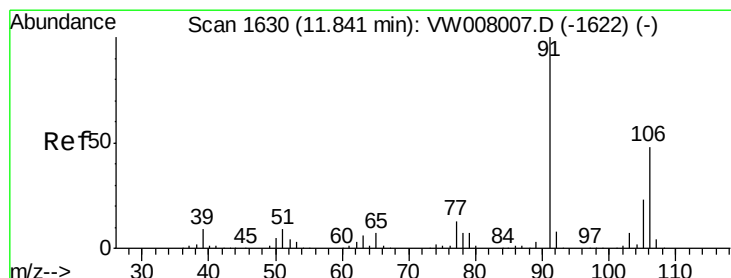
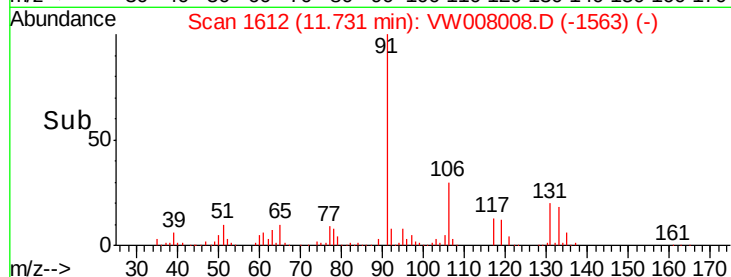
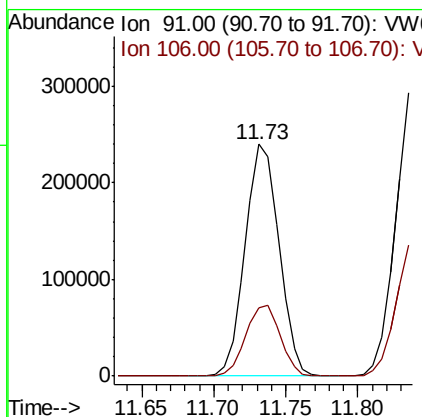
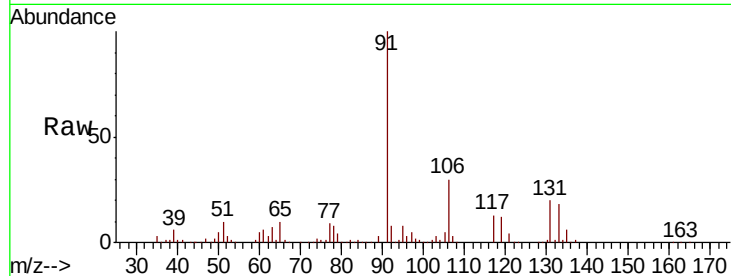




#67
Ethyl Benzene
Concen: 101.995 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

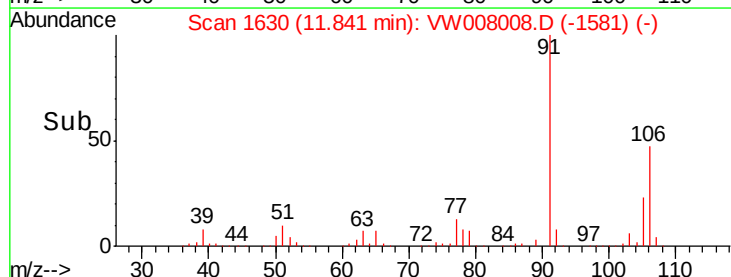
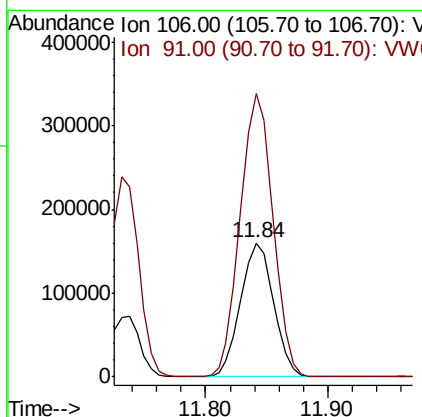
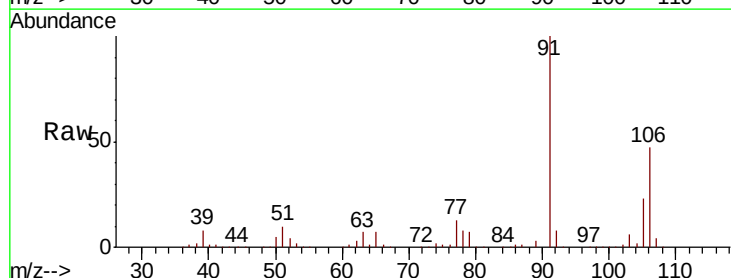
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

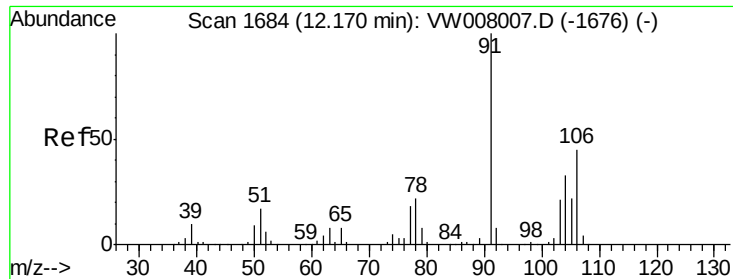
Tgt Ion: 91 Resp: 391072
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5



#68
m/p-Xylenes
Concen: 202.836 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion: 106 Resp: 300672
Ion Ratio Lower Upper
106 100
91 210.0 165.8 248.8

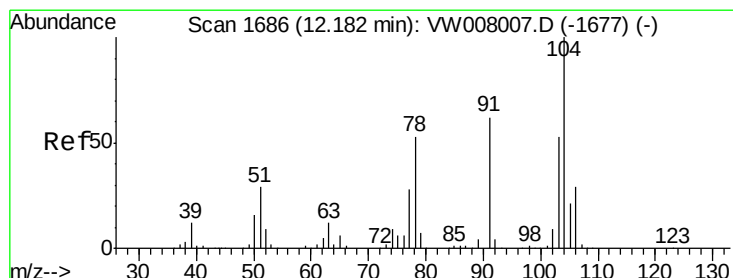
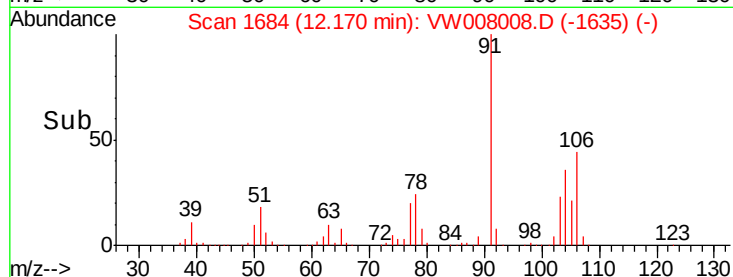
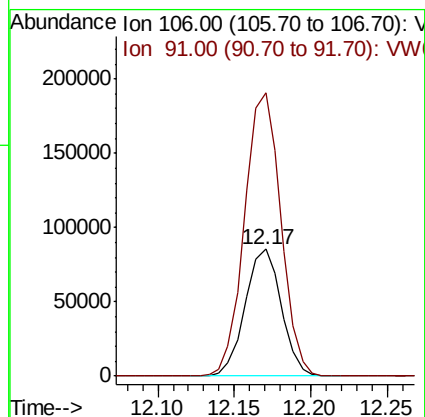
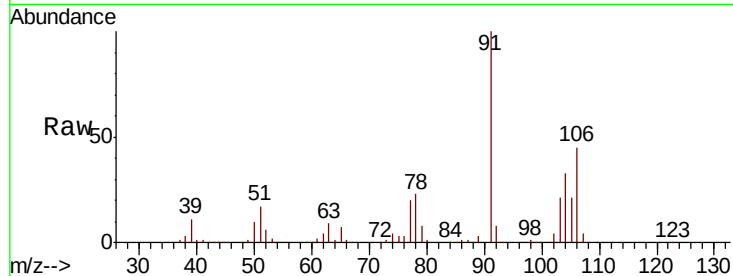




#69
o-Xylene
Concen: 101.742 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

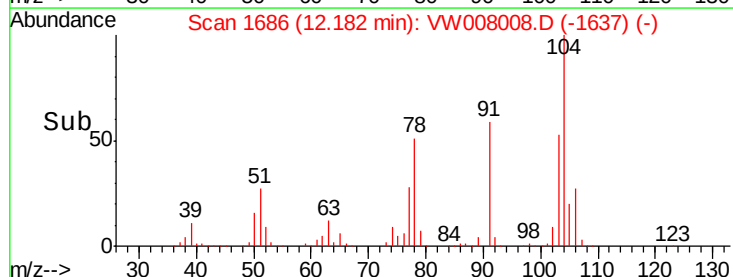
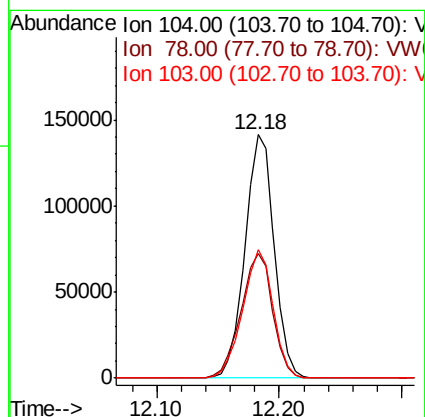
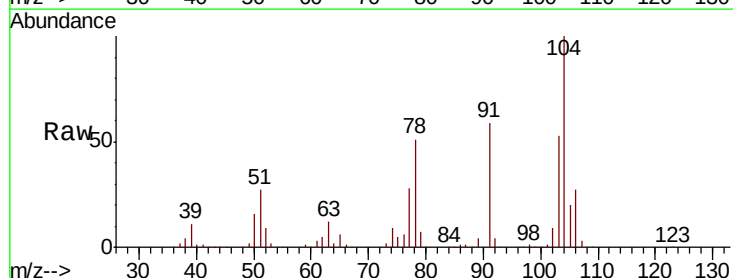
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

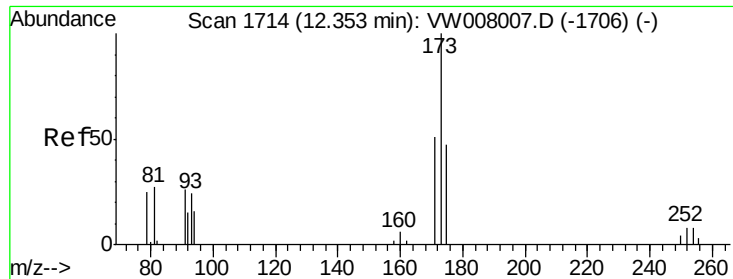
Tgt Ion:106 Resp: 140334
Ion Ratio Lower Upper
106 100
91 224.4 110.6 331.6



#70
Styrene
Concen: 103.844 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion:104 Resp: 233457
Ion Ratio Lower Upper
104 100
78 55.7 44.0 66.0
103 55.3 44.6 66.8

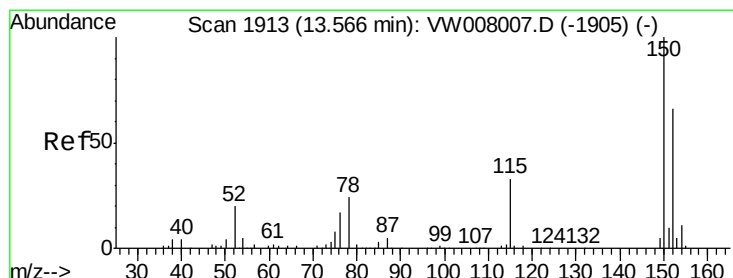
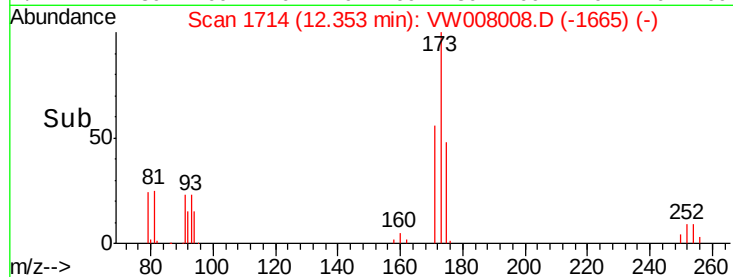
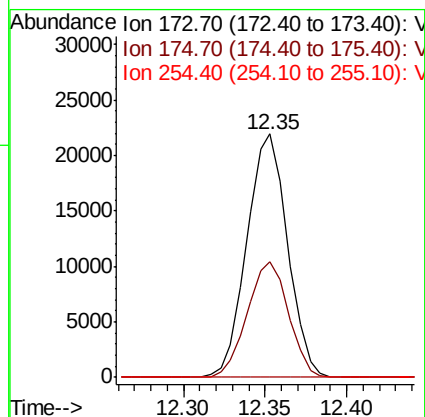
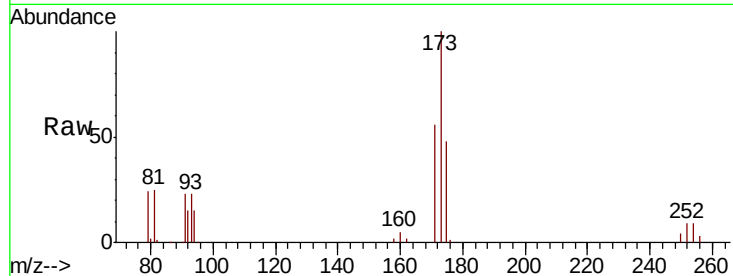




#71
Bromoform
Concen: 104.714 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

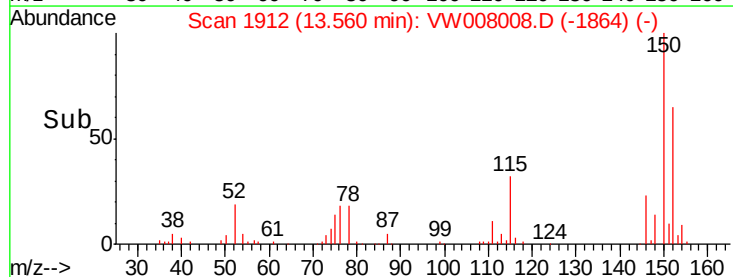
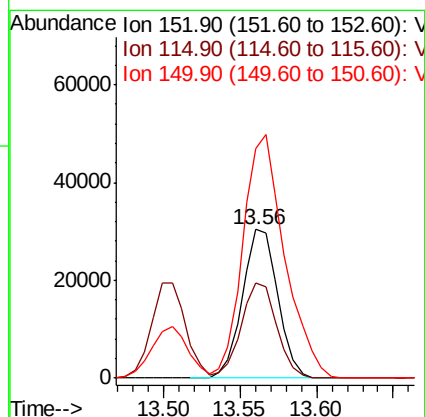
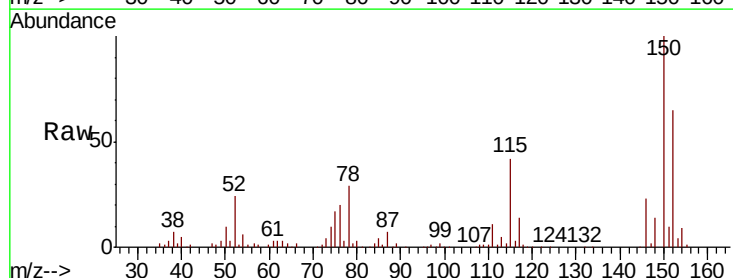
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

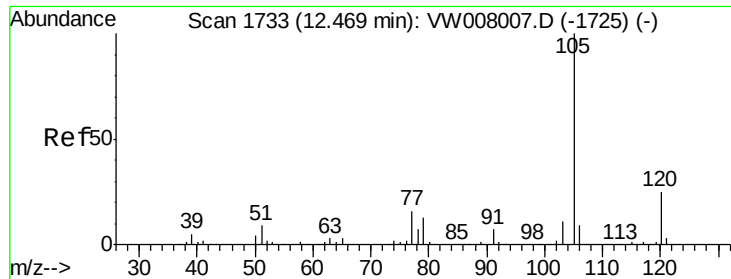
Tgt Ion:173 Resp: 37951
Ion Ratio Lower Upper
173 100
175 48.1 23.6 71.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion:152 Resp: 48832
Ion Ratio Lower Upper
152 100
115 64.4 32.1 96.5
150 192.8 0.0 345.0





#73

Isopropylbenzene

Concen: 104.607 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

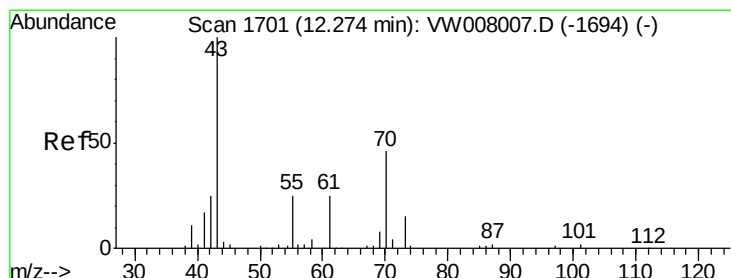
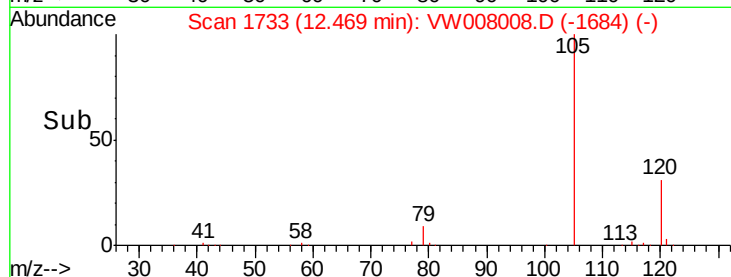
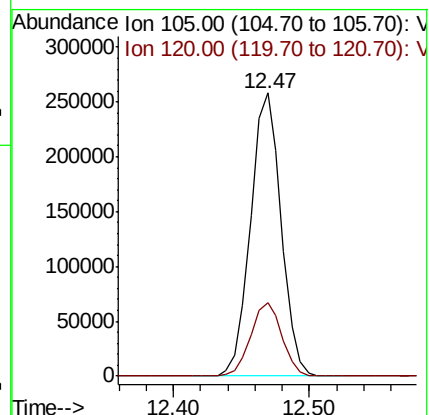
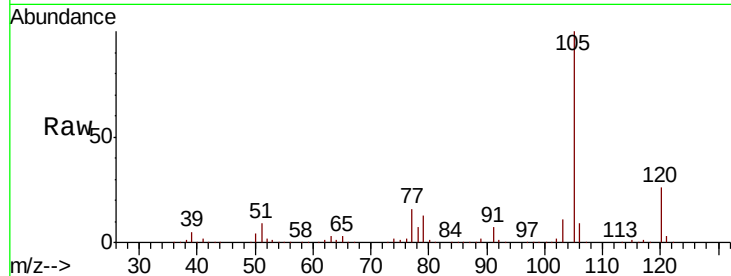
VSTDIC100

Tgt Ion: 105 Resp: 406190

Ion Ratio Lower Upper

105 100

120 26.2 12.8 38.3



#74

N-ethyl acetate

Concen: 105.528 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Tgt Ion: 43 Resp: 63785

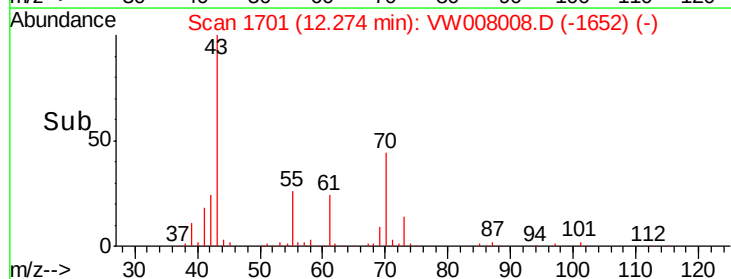
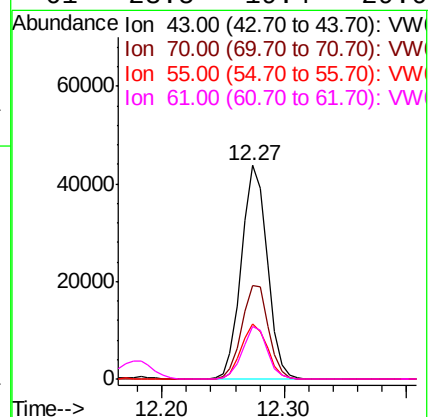
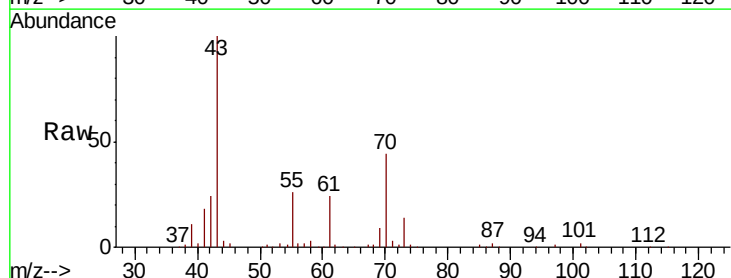
Ion Ratio Lower Upper

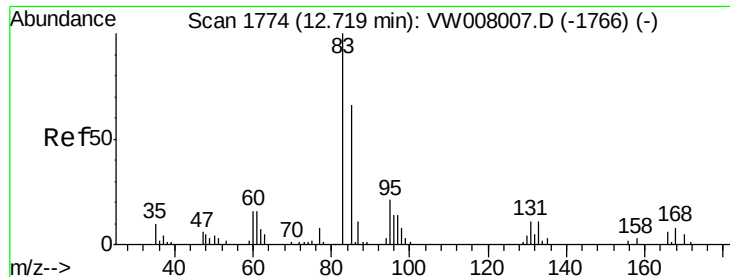
43 100

70 44.9 35.2 52.8

55 26.0 21.4 32.0

61 23.5 19.4 29.0

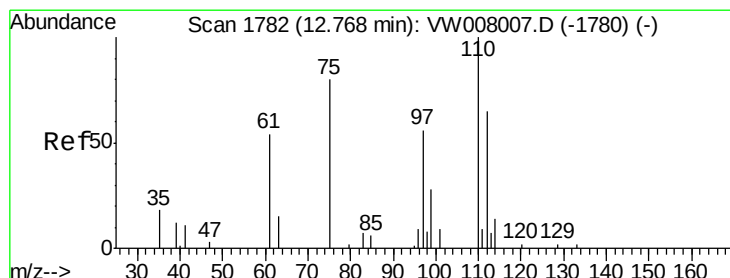
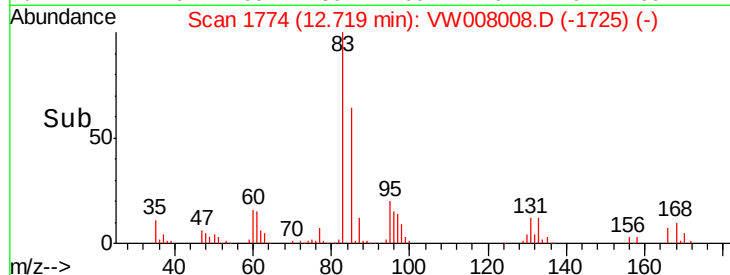
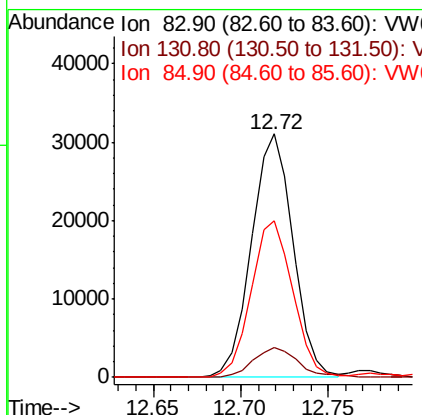
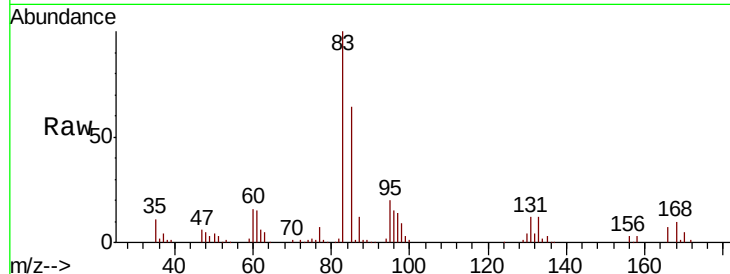




#75
 1,1,2,2-Tetrachloroethane
 Concen: 103.436 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

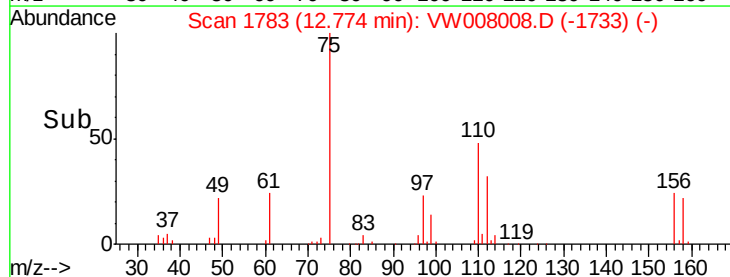
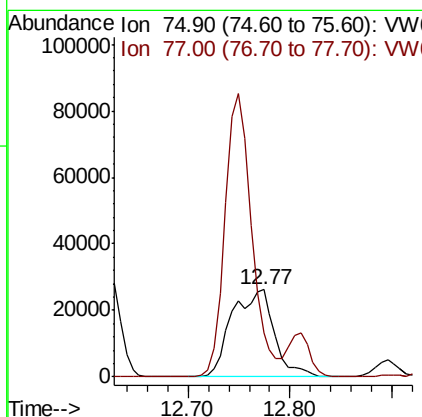
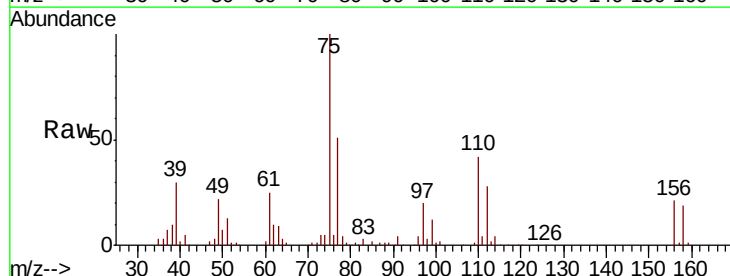
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

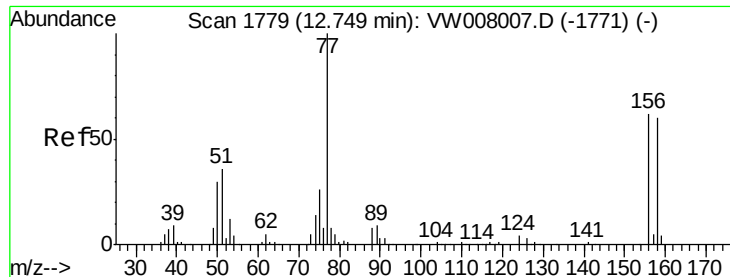
Tgt Ion: 83 Resp: 51104
 Ion Ratio Lower Upper
 83 100
 131 13.4 6.5 19.5
 85 64.6 32.8 98.3



#76
 1,2,3-Trichloropropane
 Concen: 112.287 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

Tgt Ion: 75 Resp: 76378
 Ion Ratio Lower Upper
 75 100
 77 0.0 186.2 558.6#





#77

Bromobenzene

Concen: 103.597 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

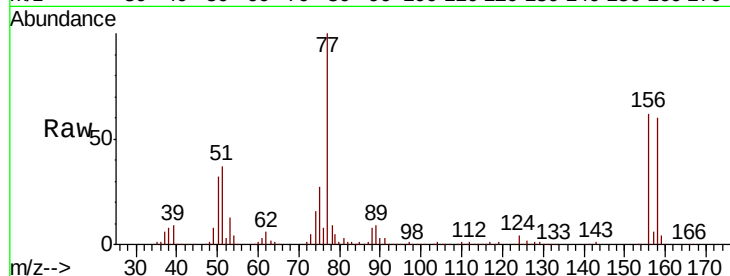
Tgt Ion:156 Resp: 86463

Ion Ratio Lower Upper

156 100

77 180.9 87.9 263.8

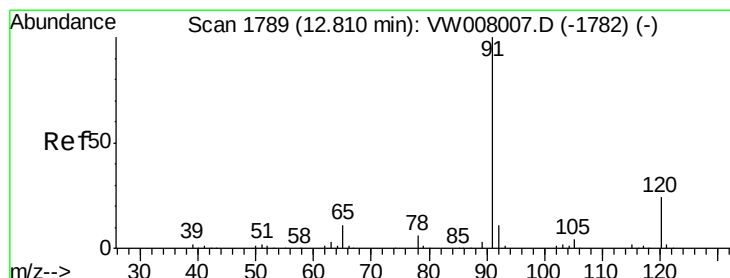
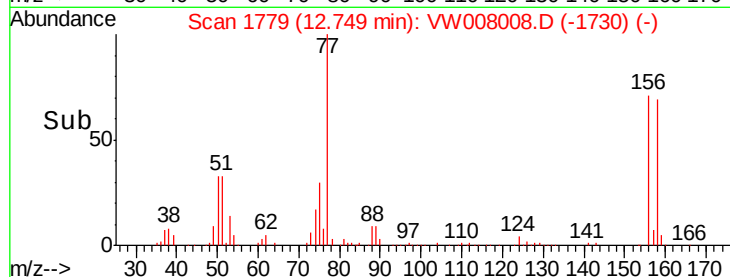
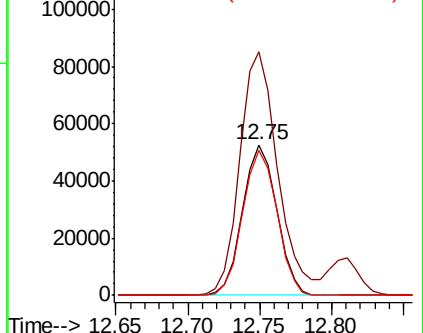
158 96.8 47.8 143.4



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: 104.209 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW008008.D

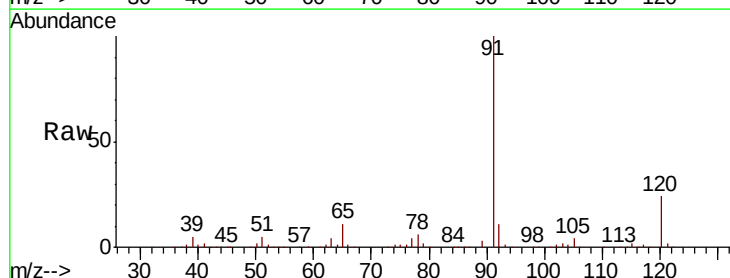
Acq: 02 Jan 2019 14:36

Tgt Ion: 91 Resp: 469150

Ion Ratio Lower Upper

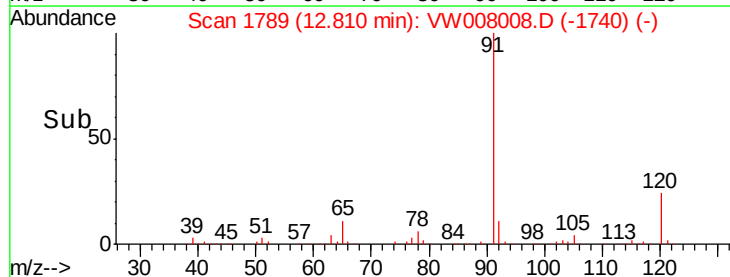
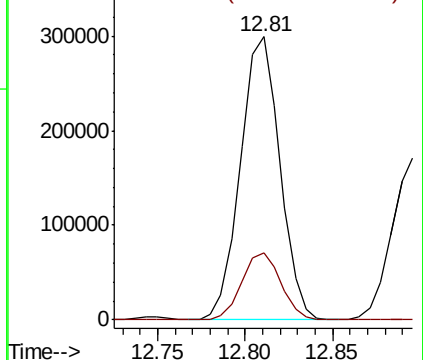
91 100

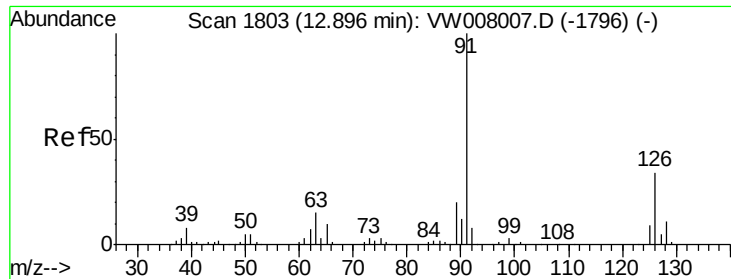
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

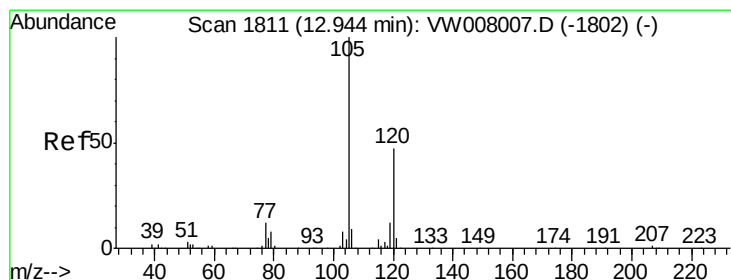
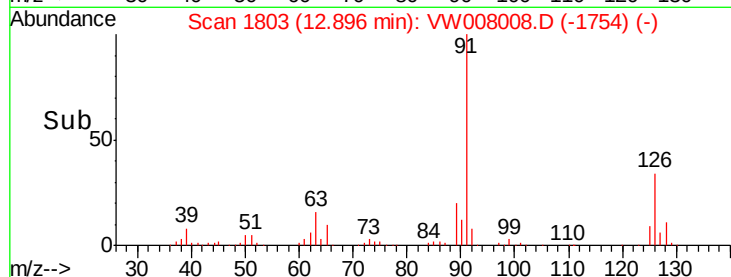
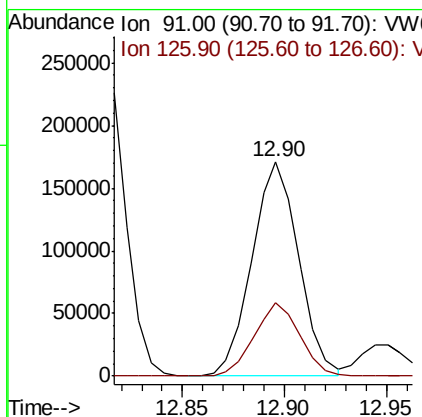
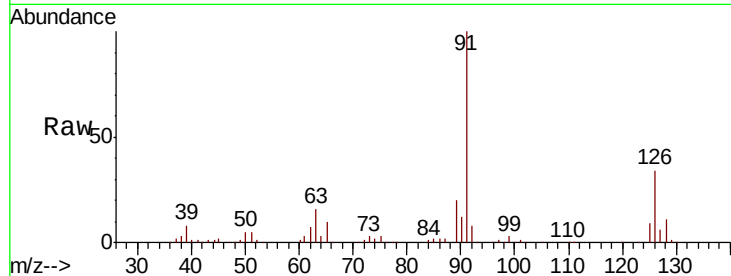




#79
 2-Chlorotoluene
 Concen: 104.691 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

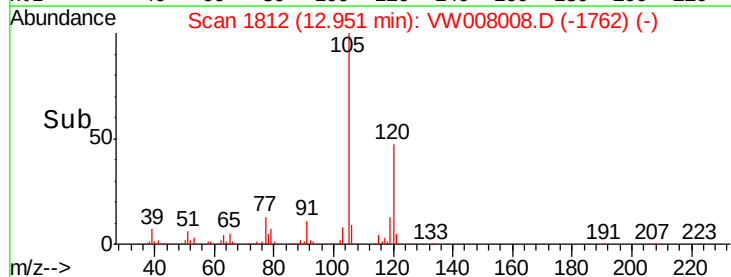
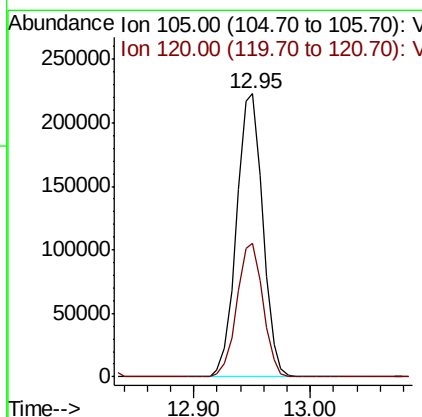
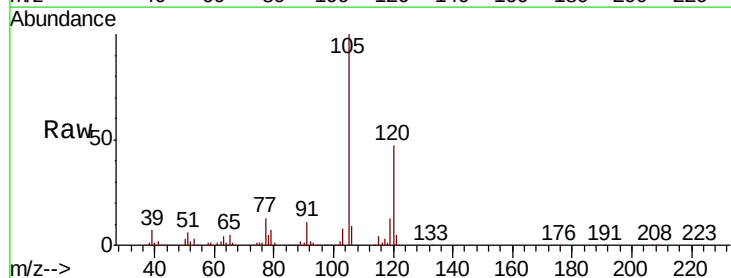
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

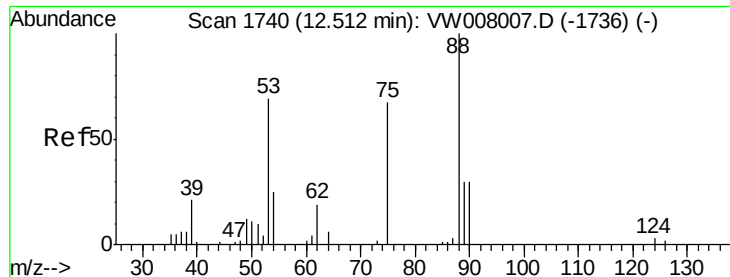
Tgt Ion: 91 Resp: 272404
 Ion Ratio Lower Upper
 91 100
 126 33.2 17.1 51.2



#80
 1,3,5-Trimethylbenzene
 Concen: 104.621 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

Tgt Ion: 105 Resp: 349682
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.3 69.9

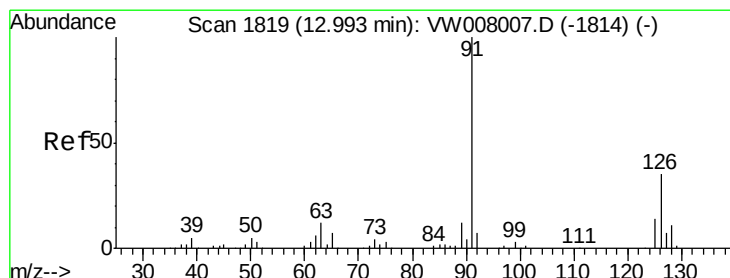
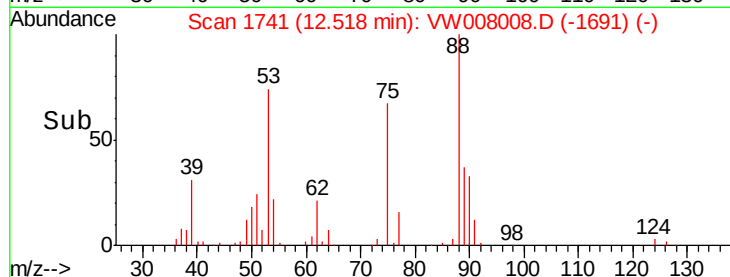
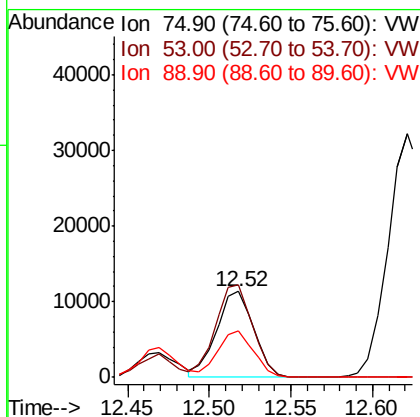
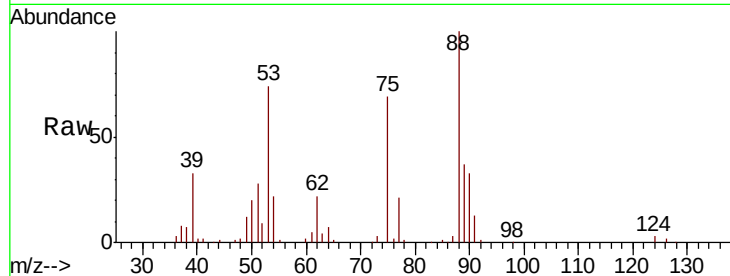




#81
trans-1,4-Dichloro-2-butene
Concen: 110.802 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

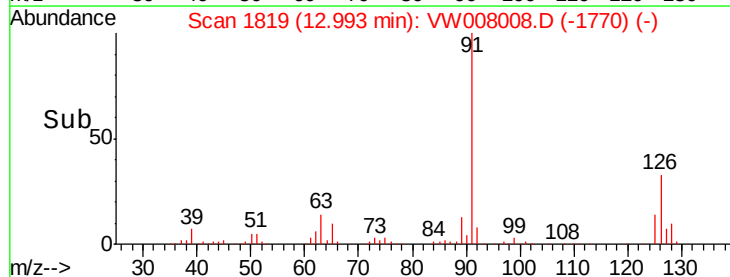
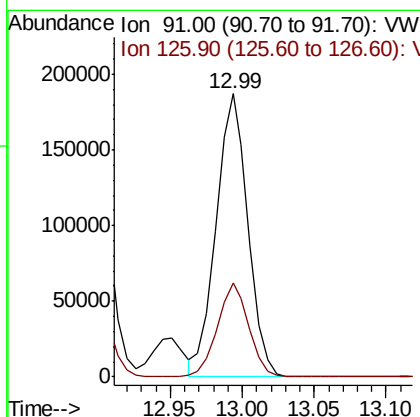
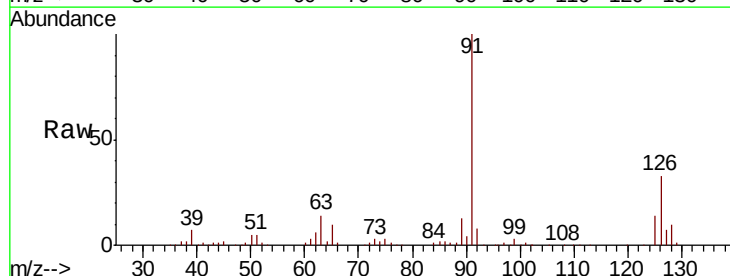
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

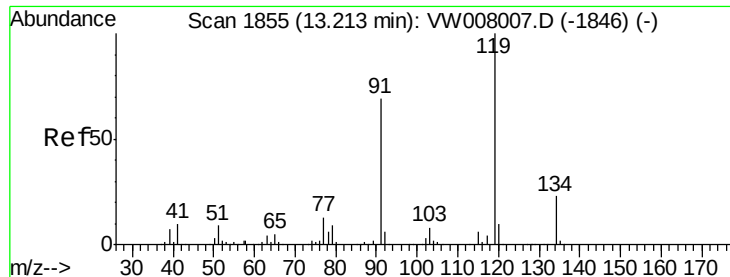
Tgt Ion: 75 Resp: 18202
Ion Ratio Lower Upper
75 100
53 107.4 87.6 131.4
89 51.0 42.2 63.2



#82
4-Chlorotoluene
Concen: 104.177 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion: 91 Resp: 288233
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.1





#83

tert-Butylbenzene

Concen: 104.959 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

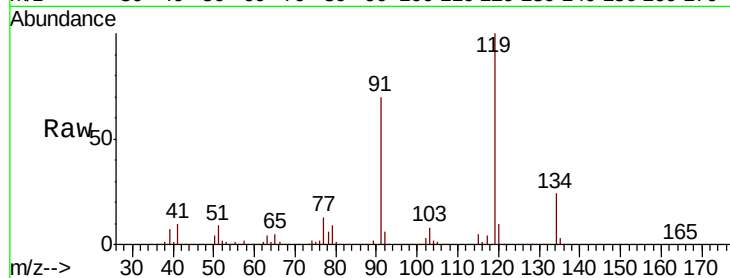
Tgt Ion:119 Resp: 306927

Ion Ratio Lower Upper

119 100

91 69.7 34.7 104.1

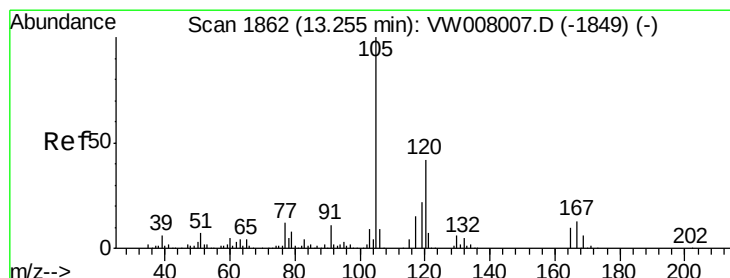
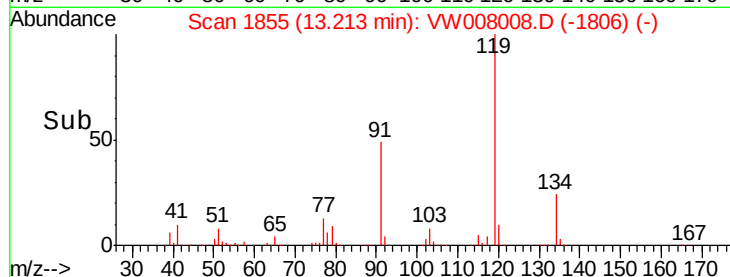
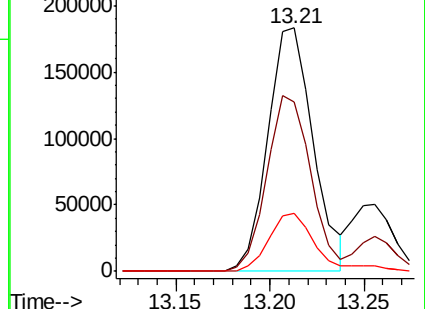
134 24.8 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 102.733 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008008.D

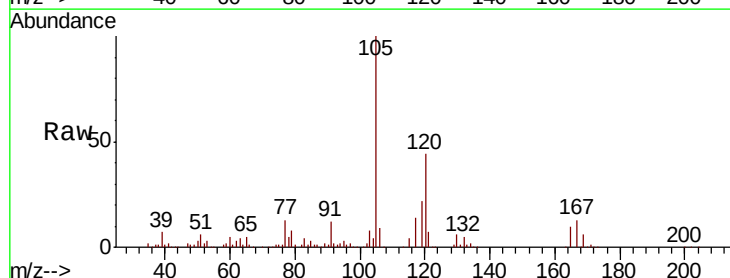
Acq: 02 Jan 2019 14:36

Tgt Ion:105 Resp: 347799

Ion Ratio Lower Upper

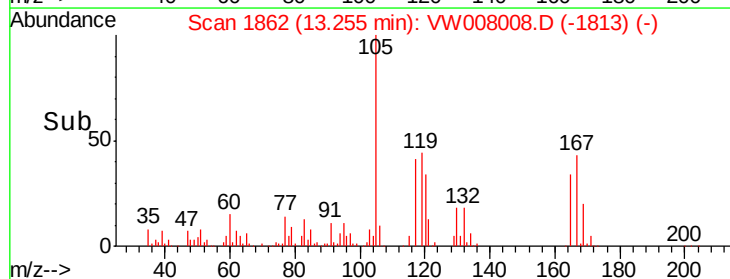
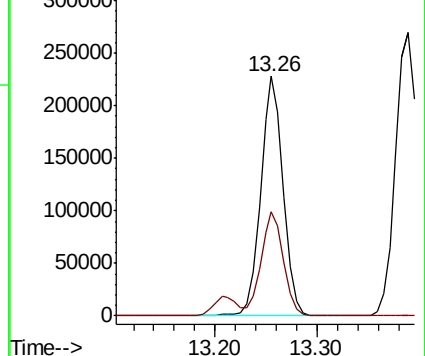
105 100

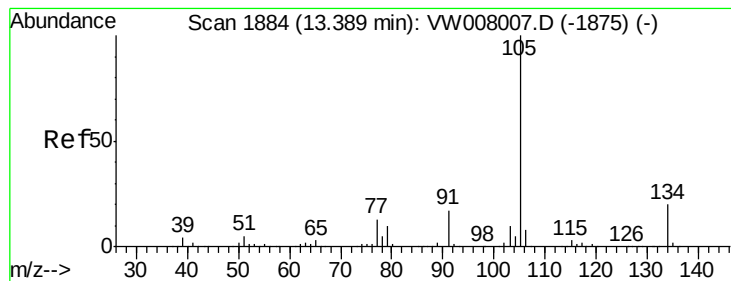
120 43.0 21.5 64.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 103.359 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

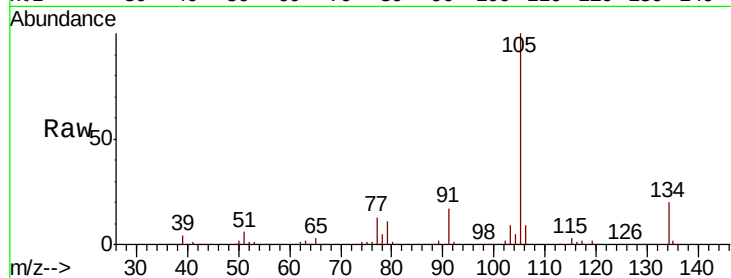
VSTDIC100

Tgt Ion:105 Resp: 415786

Ion Ratio Lower Upper

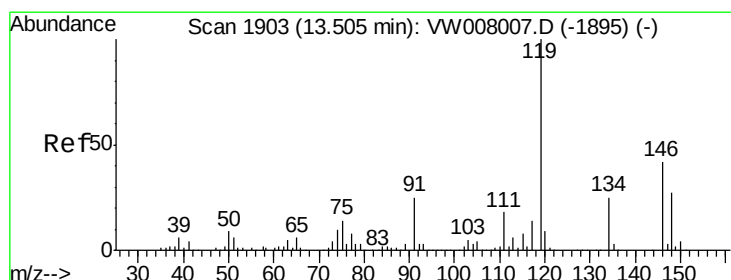
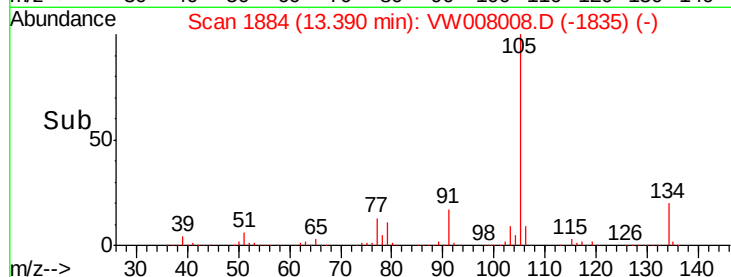
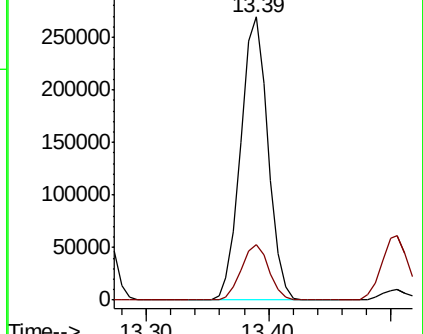
105 100

134 19.9 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 103.817 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

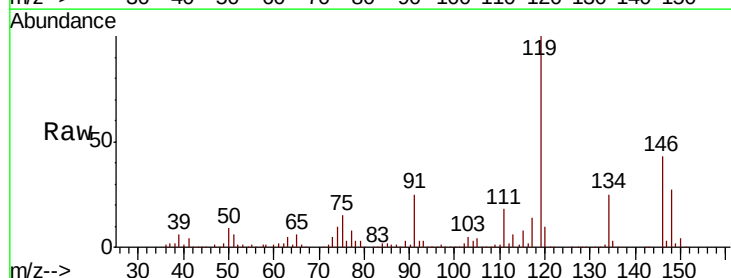
Tgt Ion:119 Resp: 376700

Ion Ratio Lower Upper

119 100

134 25.1 12.5 37.5

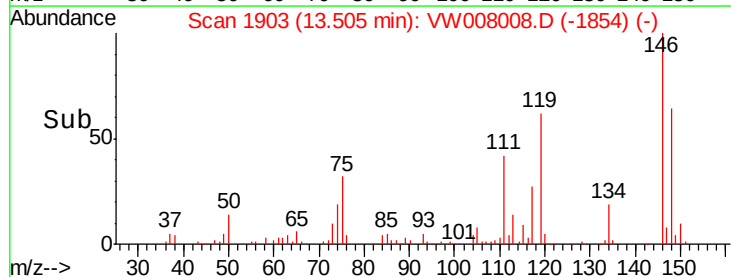
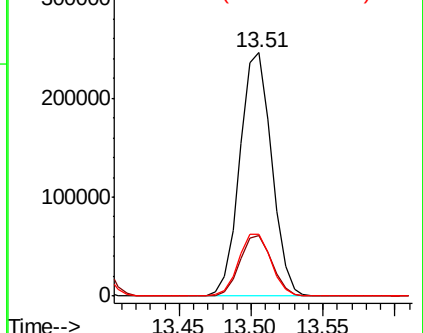
91 26.1 13.1 39.3

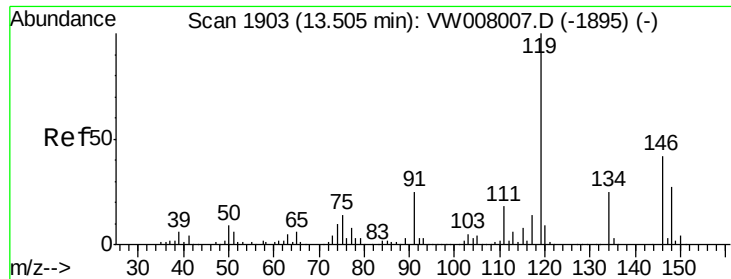


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

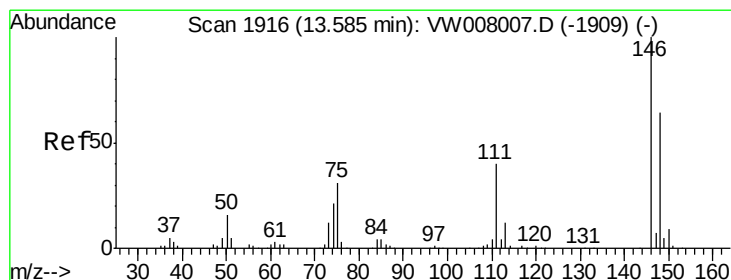
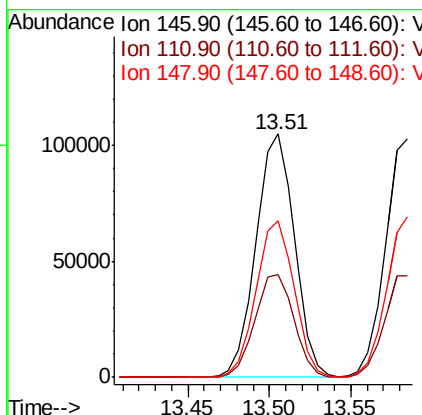
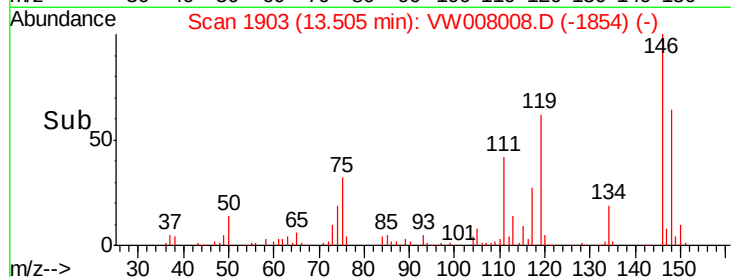
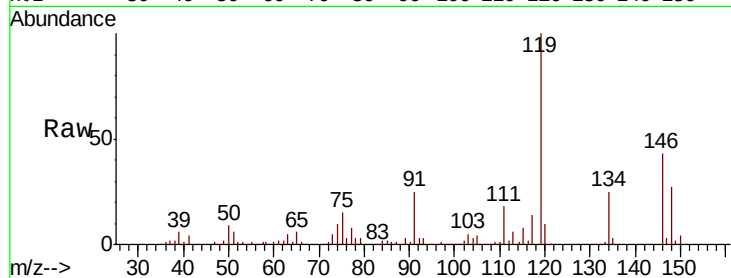




#87
 1,3-Dichlorobenzene
 Concen: 102.323 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

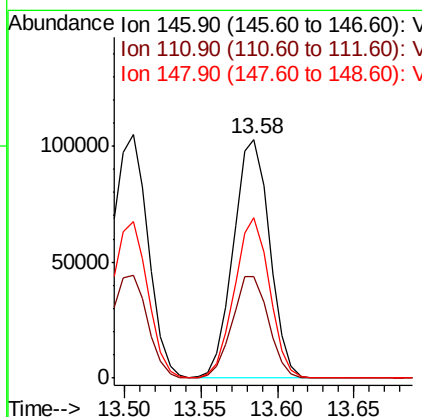
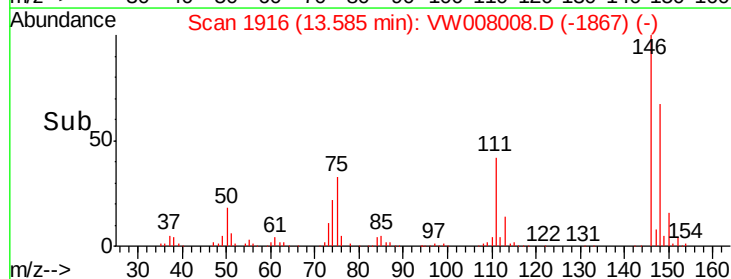
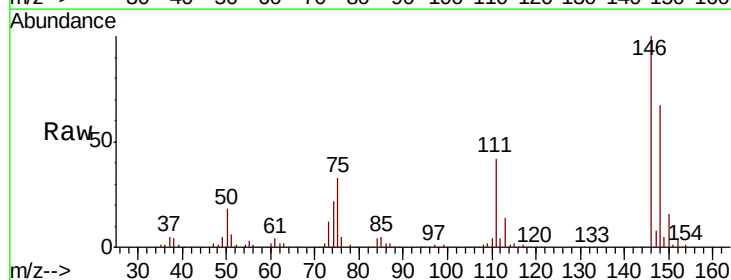
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

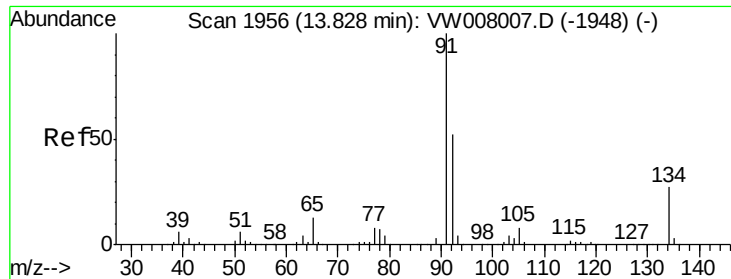
Tgt Ion:146 Resp: 172312
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.4 64.2
 148 63.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 101.659 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

Tgt Ion:146 Resp: 169485
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.9 62.8
 148 64.9 31.9 95.9





#89

n-Butylbenzene

Concen: 103.276 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008008.D

Acq: 02 Jan 2019 14:36

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

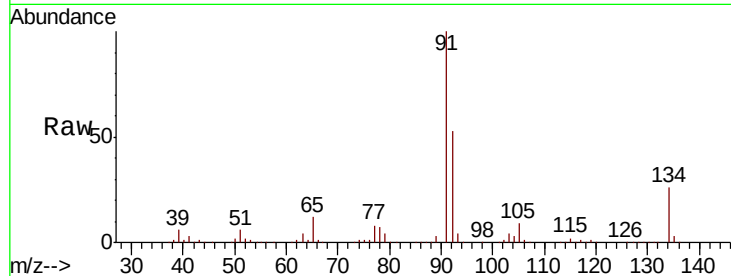
Tgt Ion: 91 Resp: 342763

Ion Ratio Lower Upper

91 100

92 53.6 26.4 79.2

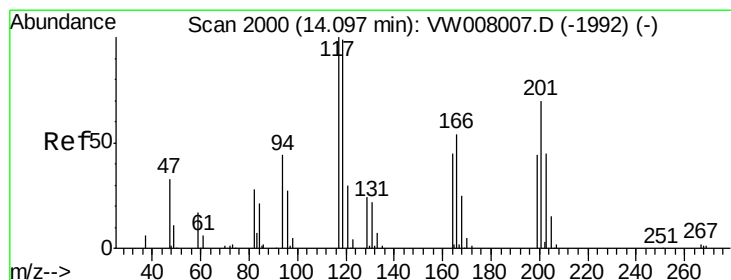
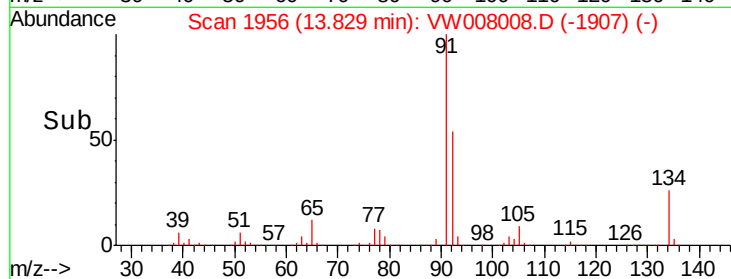
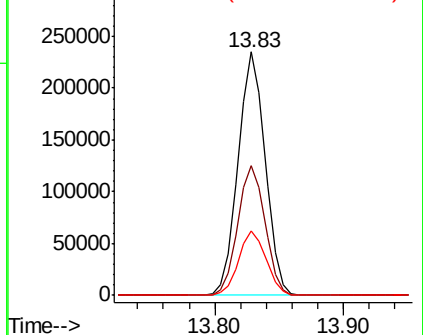
134 26.7 13.4 40.2



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): VW



#90

Hexachloroethane

Concen: 105.485 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008008.D

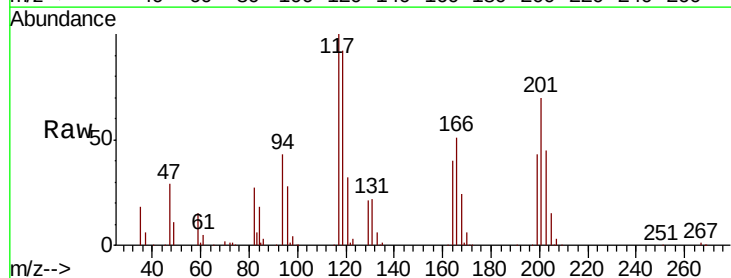
Acq: 02 Jan 2019 14:36

Tgt Ion: 117 Resp: 66414

Ion Ratio Lower Upper

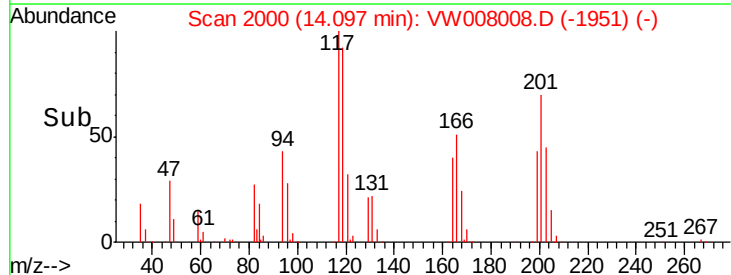
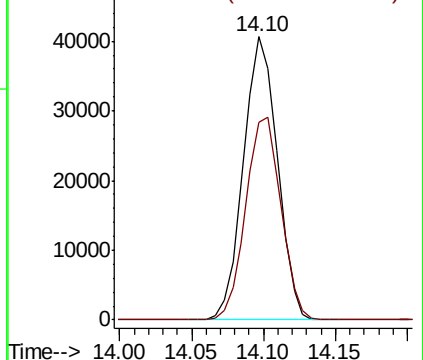
117 100

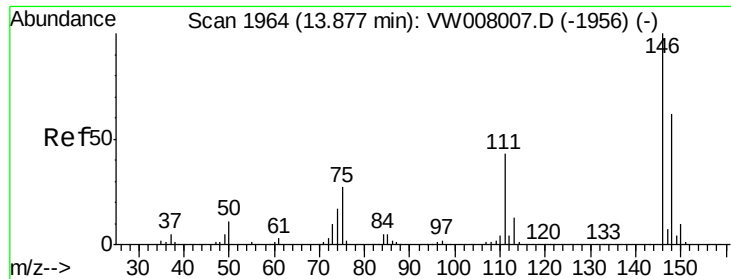
201 74.1 37.1 111.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

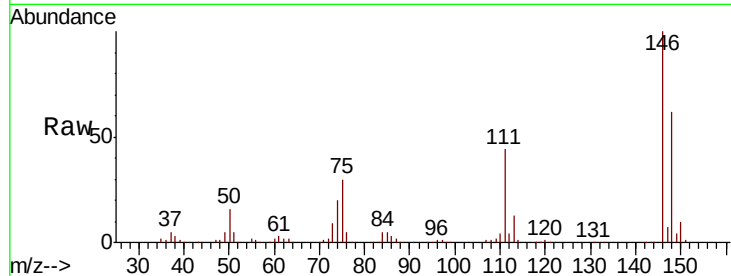




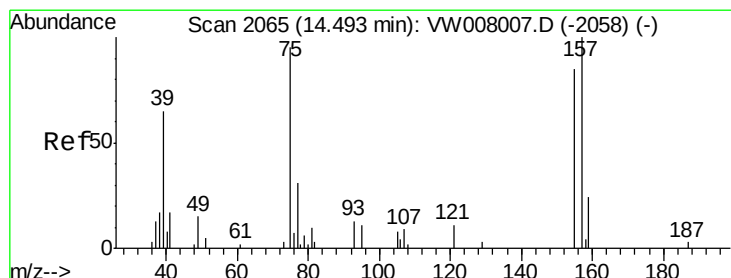
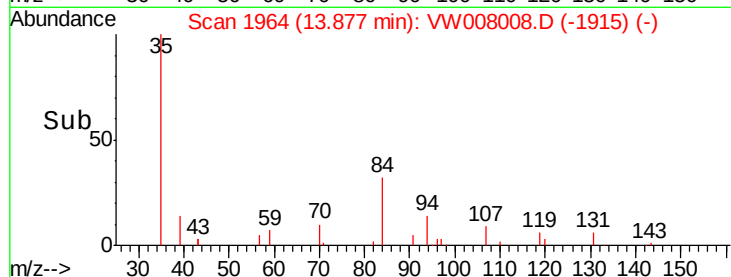
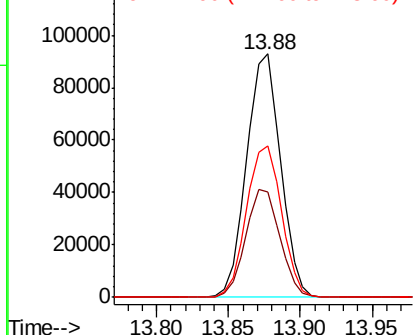
#91
 1,2-Dichlorobenzene
 Concen: 102.257 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 146 Resp: 151322
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.6 67.7
 148 64.3 32.1 96.3

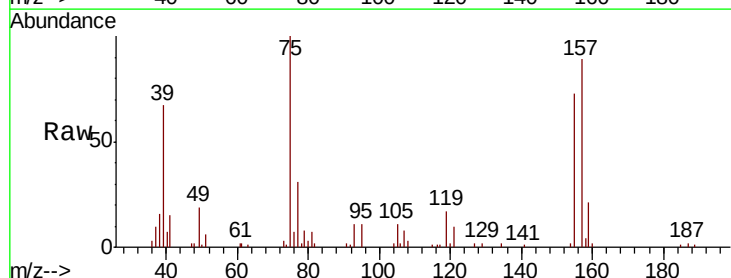


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

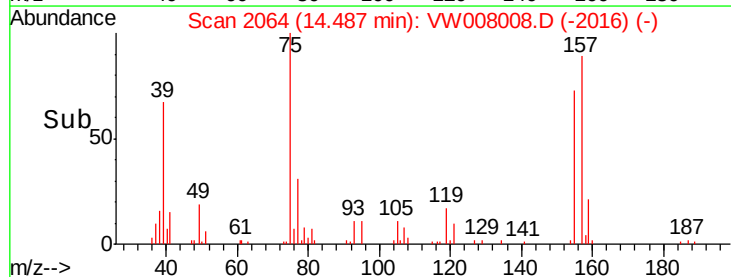
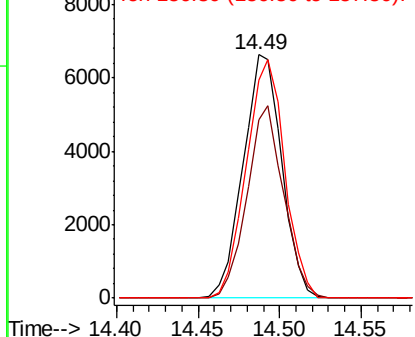


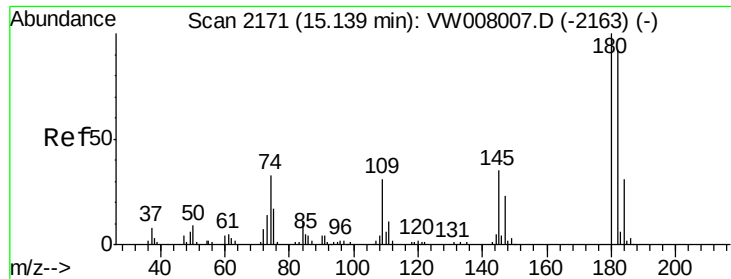
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 109.278 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

Tgt Ion: 75 Resp: 10958
 Ion Ratio Lower Upper
 75 100
 155 74.8 42.4 127.1
 157 97.1 52.3 156.8



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

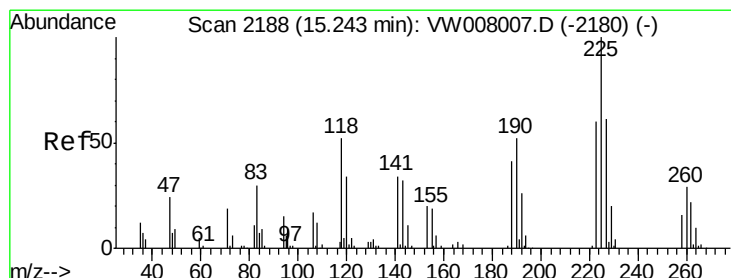
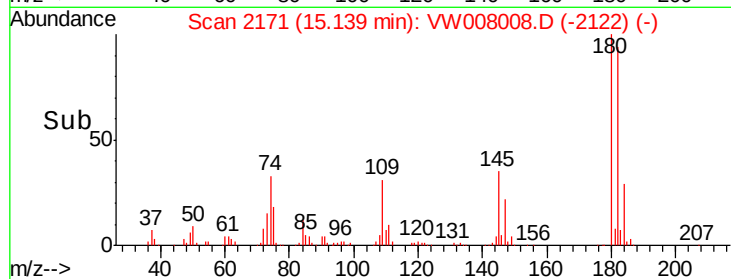
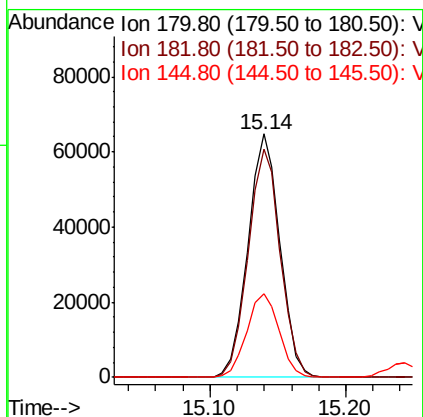
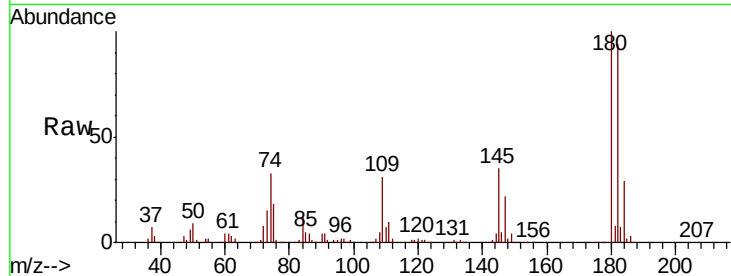




#93
 1,2,4-Trichlorobenzene
 Concen: 102.294 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

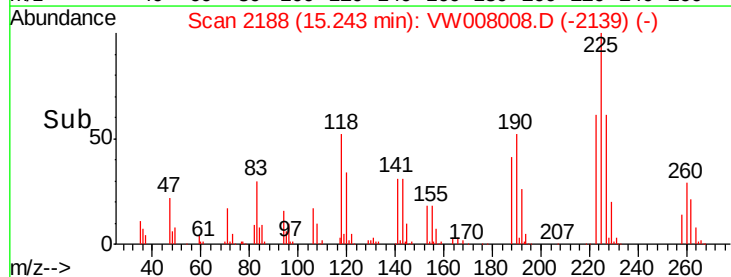
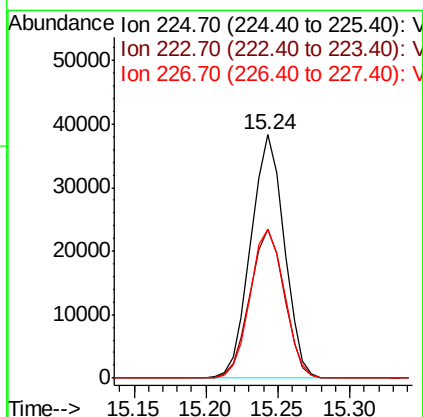
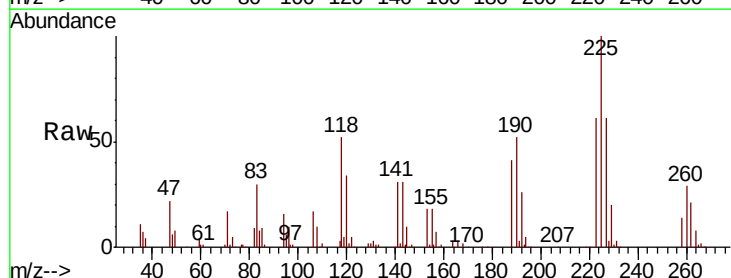
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

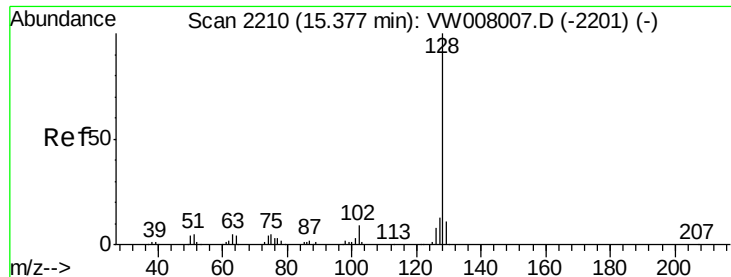
Tgt Ion:180 Resp: 106318
 Ion Ratio Lower Upper
 180 100
 182 94.5 46.6 139.8
 145 35.0 17.2 51.6



#94
 Hexachlorobutadiene
 Concen: 102.798 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008008.D
 Acq: 02 Jan 2019 14:36

Tgt Ion:225 Resp: 61690
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.6 92.0
 227 62.6 31.3 93.8

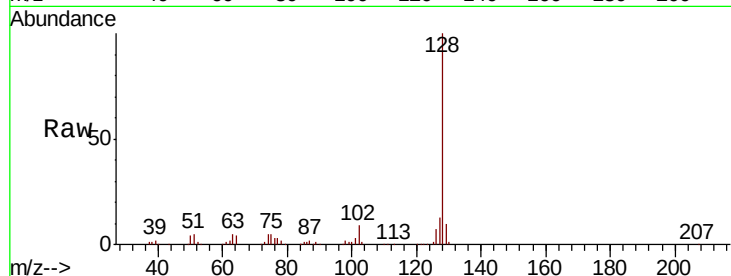




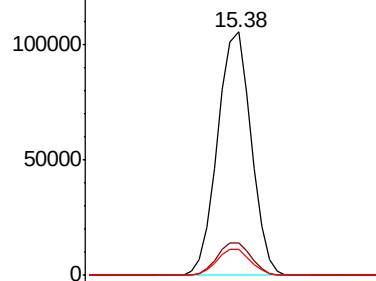
#95
Naphthalene
Concen: 107.075 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

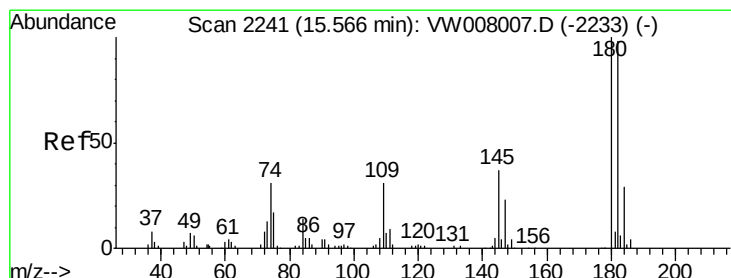
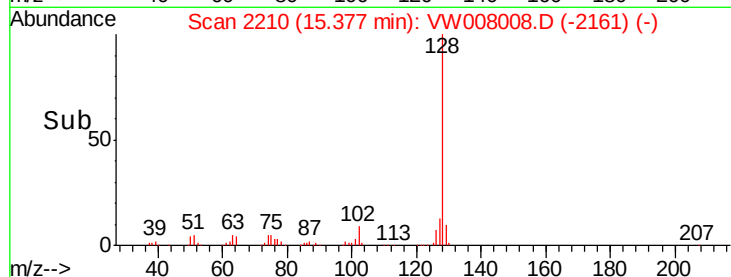
Tgt Ion:128 Resp: 189535
Ion Ratio Lower Upper
128 100
127 13.8 10.8 16.2
129 10.8 8.8 13.2



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

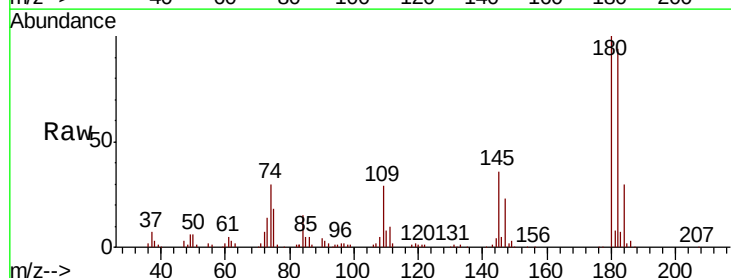


Time-->

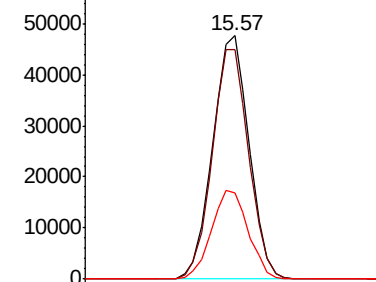


#96
1,2,3-Trichlorobenzene
Concen: 104.176 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW008008.D
Acq: 02 Jan 2019 14:36

Tgt Ion:180 Resp: 89091
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.8
145 36.9 18.7 56.1



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



Time-->

