

Data File : VW008214.D
Acq On : 12 Jan 2019 01:25
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Jan 12 03:19:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	94907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	167468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	154635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	75685	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	50088	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	7.88	113	50822	52.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.06%	
50) Toluene-d8	10.32	98	203413	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.62	95	70464	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34274	44.249	ug/l	94
3) Chloromethane	2.21	50	47173	46.944	ug/l	99
4) Vinyl Chloride	2.37	62	61381	46.802	ug/l	97
5) Bromomethane	2.78	94	49112	49.988	ug/l	95
6) Chloroethane	2.93	64	42027	42.585	ug/l	96
7) Trichlorofluoromethane	3.26	101	49387	46.319	ug/l	94
8) Diethyl Ether	3.68	74	29401	48.777	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53503	50.541	ug/l	97
10) Methyl Iodide	4.26	142	81663	52.930	ug/l	99
11) Tert butyl alcohol	5.20	59	8033	107.414	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	50598	48.683	ug/l	94
13) Acrolein	3.90	56	18435	259.653	ug/l	99
14) Allyl chloride	4.67	41	93372	49.481	ug/l	99
15) Acrylonitrile	5.37	53	60217	262.401	ug/l	99
16) Acetone	4.13	43	45093	233.816	ug/l	94
17) Carbon Disulfide	4.37	76	159336	49.075	ug/l	98
18) Methyl Acetate	4.67	43	37780	56.040	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	86325	51.090	ug/l	97
20) Methylene Chloride	4.91	84	58639	56.456	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	59120	52.343	ug/l	96
22) Diisopropyl ether	6.31	45	186496	51.821	ug/l	98
23) Vinyl Acetate	6.26	43	476235	251.960	ug/l	99
24) 1,1-Dichloroethane	6.22	63	106782	50.923	ug/l	99
25) 2-Butanone	7.18	43	72134	243.054	ug/l	100
26) 2,2-Dichloropropane	7.16	77	65040	45.777	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	65870	53.453	ug/l	94
28) Bromochloromethane	7.51	49	41601	50.158	ug/l	92
29) Tetrahydrofuran	7.53	42	51527	259.914	ug/l	99
30) Chloroform	7.68	83	106104	53.160	ug/l	96
31) Cyclohexane	7.96	56	96250	42.877	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	89306	51.423	ug/l	99
36) 1,1-Dichloropropene	8.08	75	84284	48.858	ug/l	98
37) Ethyl Acetate	7.25	43	34021	49.226	ug/l	97
38) Carbon Tetrachloride	8.06	117	79107	50.101	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	105088	48.043	ug/l	92
40) Benzene	8.32	78	244703	52.299	ug/l	98
41) Methacrylonitrile	7.49	41	21811	49.959	ug/l	94
42) 1,2-Dichloroethane	8.40	62	67660	51.414	ug/l	99
43) Isopropyl Acetate	8.43	43	68227	49.375	ug/l	99
44) Trichloroethene	9.09	130	63606	53.105	ug/l	99
45) 1,2-Dichloropropane	9.37	63	62064	53.496	ug/l	92
46) Dibromomethane	9.46	93	30838	54.124	ug/l	96
47) Bromodichloromethane	9.65	83	77934	53.868	ug/l #	97
48) Methyl methacrylate	9.44	41	32641	50.061	ug/l	89
49) 1,4-Dioxane	9.47	88	10021	1093.648	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	170350	254.680	ug/l	100
52) Toluene	10.39	92	157347	52.657	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	77196	51.297	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	92596	51.889	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	43354	54.196	ug/l	98
56) Ethyl methacrylate	10.65	69	53174	53.675	ug/l	99
57) 1,3-Dichloropropane	10.93	76	78685	53.783	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	130349	254.721	ug/l	98
59) 2-Hexanone	10.97	43	112814	249.408	ug/l	98
60) Dibromochloromethane	11.13	129	51673	58.824	ug/l	100
61) 1,2-Dibromoethane	11.24	107	41900	55.201	ug/l	100
64) Tetrachloroethene	10.86	164	54586	54.241	ug/l	92
65) Chlorobenzene	11.66	112	172652	52.701	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	57369	53.840	ug/l	99
67) Ethyl Benzene	11.73	91	303405	50.616	ug/l	99
68) m/p-Xylenes	11.84	106	238168	104.097	ug/l	95
69) o-Xylene	12.17	106	110706	52.251	ug/l	97
70) Styrene	12.18	104	181572	54.713	ug/l	98
71) Bromoform	12.35	173	27730	58.148	ug/l #	96
73) Isopropylbenzene	12.47	105	300270	50.534	ug/l	99
74) N-amyl acetate	12.27	43	62783	47.712	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	49493	52.038	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	63309	91.759	ug/l	27
77) Bromobenzene	12.75	156	66827	53.226	ug/l	91
78) n-propylbenzene	12.81	91	362146	49.741	ug/l	99
79) 2-Chlorotoluene	12.90	91	203718	50.153	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	252731	51.759	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14035	47.370	ug/l	99
82) 4-Chlorotoluene	12.99	91	213171	49.830	ug/l	98
83) tert-Butylbenzene	13.21	119	219586	50.832	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	254469	50.529	ug/l	98
85) sec-Butylbenzene	13.39	105	316087	49.951	ug/l	99
86) p-Isopropyltoluene	13.50	119	274431	50.222	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	137141	53.847	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	134178	52.510	ug/l	99
89) n-Butylbenzene	13.83	91	263279	49.194	ug/l	98
90) Hexachloroethane	14.10	117	49167	53.270	ug/l	94
91) 1,2-Dichlorobenzene	13.88	146	118090	52.758	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7736	50.541	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011119\
Quantitation Report (Not Reviewed)

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VSTDCCC050

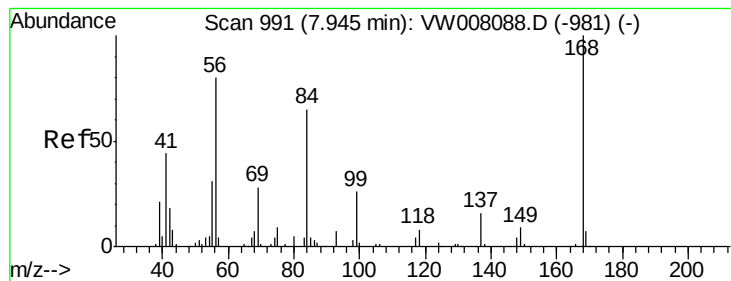
Quant Time: Jan 12 03:19:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	78739	52.985	ug/l	99
94) Hexachlorobutadiene	15.24	225	44747	56.257	ug/l	99
95) Naphthalene	15.38	128	147931	53.312	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	68249	53.874	ug/l	97

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

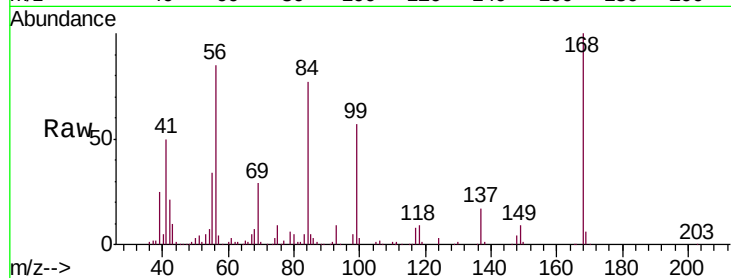
VSTDCCC050

Tgt Ion:168 Resp: 94907

Ion Ratio Lower Upper

168 100

99 57.1 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

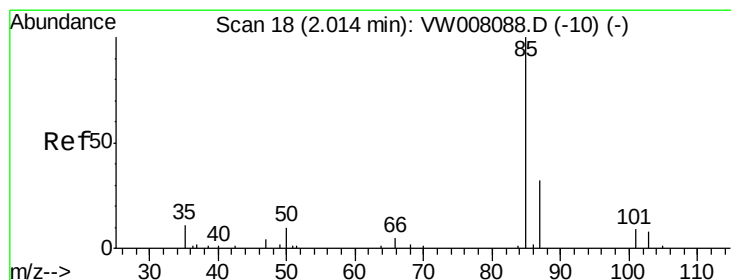
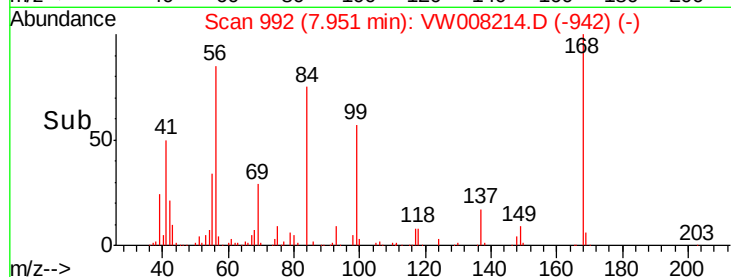
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 44.249 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW008214.D

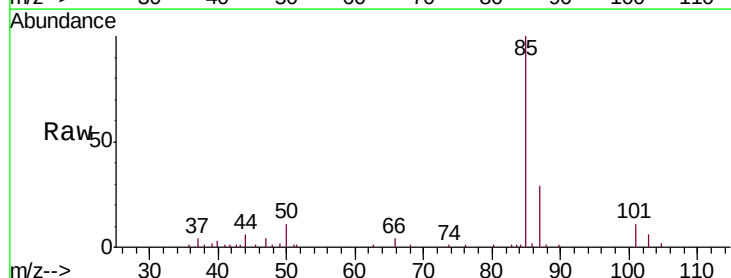
Acq: 12 Jan 2019 01:25

Tgt Ion: 85 Resp: 34274

Ion Ratio Lower Upper

85 100

87 28.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

6000

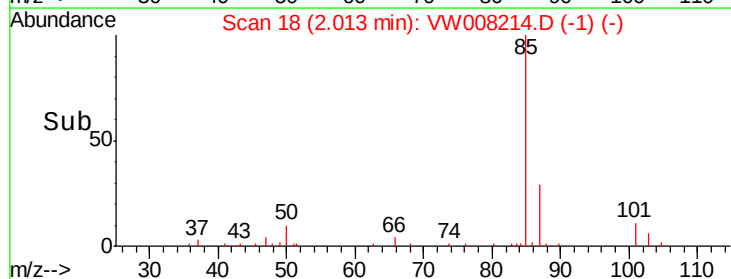
4000

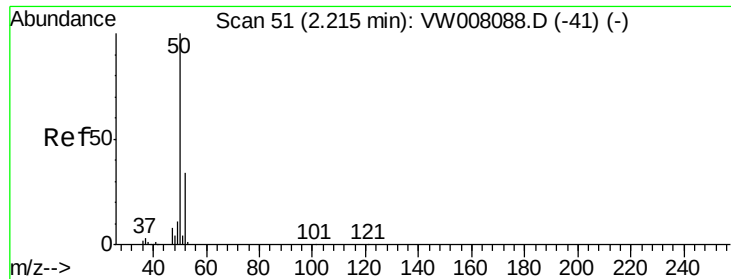
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 46.944 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

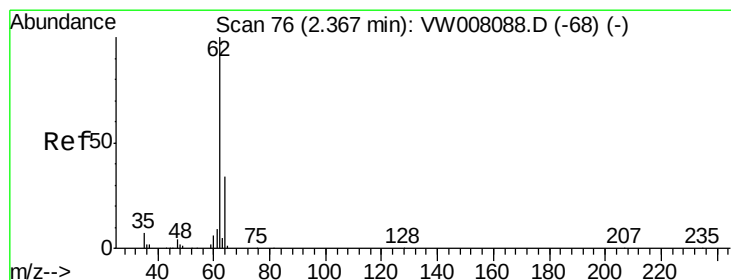
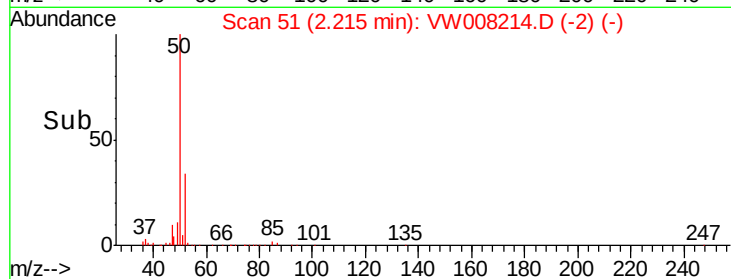
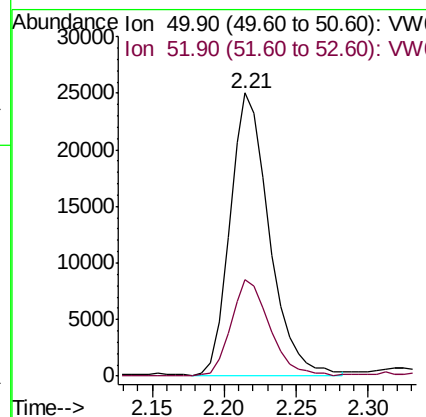
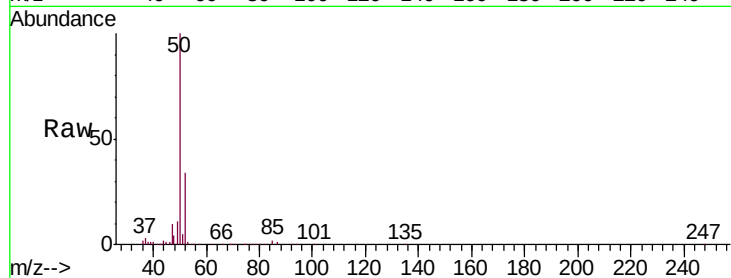
VSTDCCC050

Tgt Ion: 50 Resp: 47173

Ion Ratio Lower Upper

50 100

52 33.9 26.8 40.2



#4

Vinyl Chloride

Concen: 46.802 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008214.D

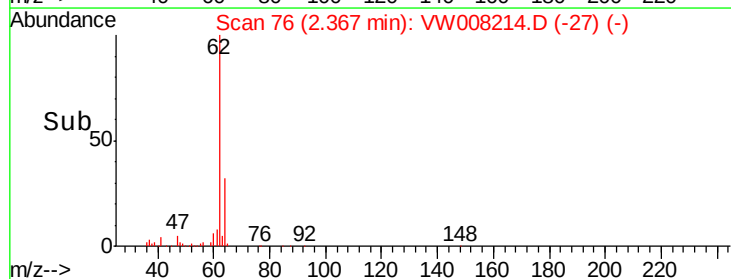
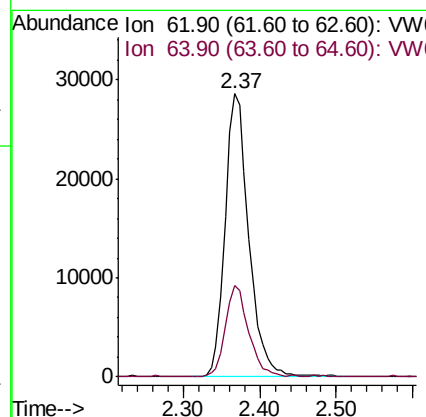
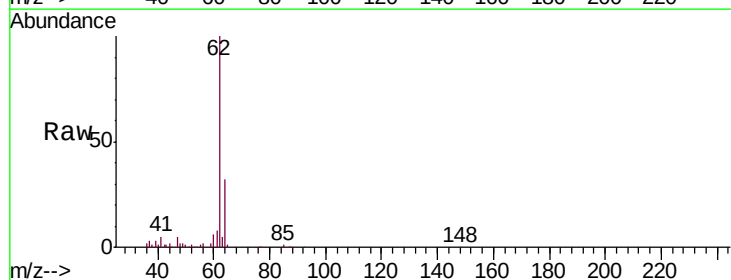
Acq: 12 Jan 2019 01:25

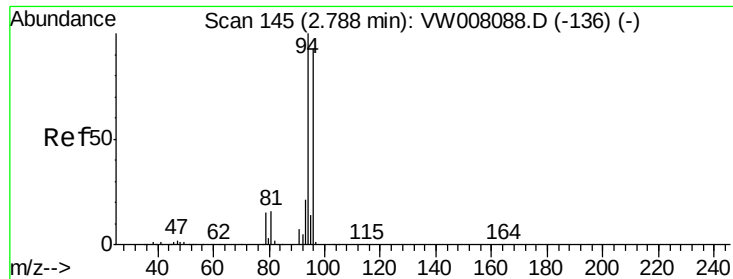
Tgt Ion: 62 Resp: 61381

Ion Ratio Lower Upper

62 100

64 32.1 27.0 40.6





#5

Bromomethane

Concen: 49.988 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

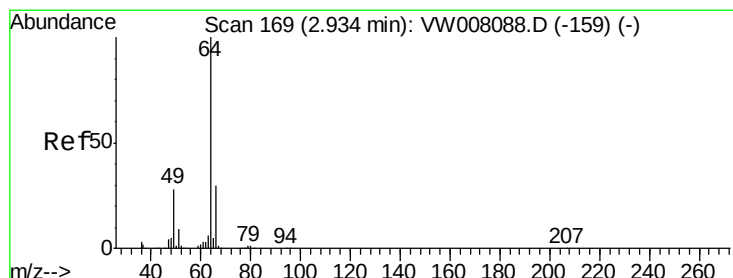
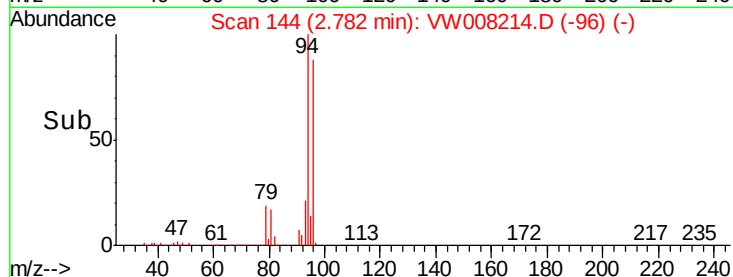
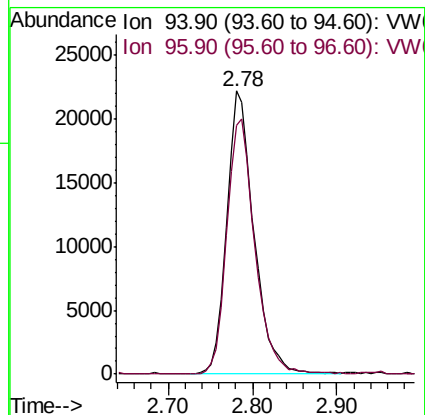
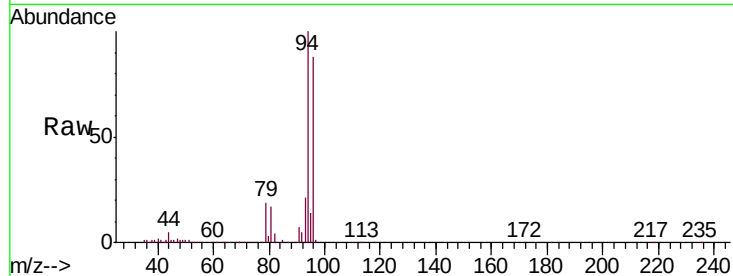
VSTDCCC050

Tgt Ion: 94 Resp: 49112

Ion Ratio Lower Upper

94 100

96 87.7 74.1 111.1



#6

Chloroethane

Concen: 42.585 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008214.D

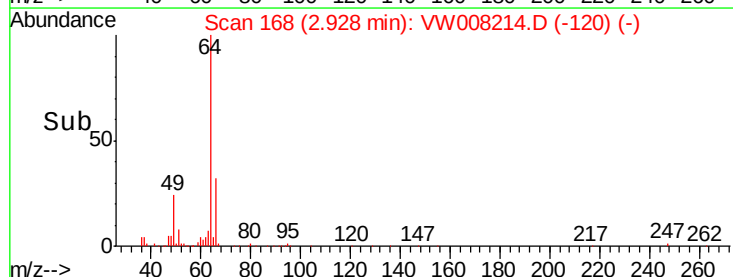
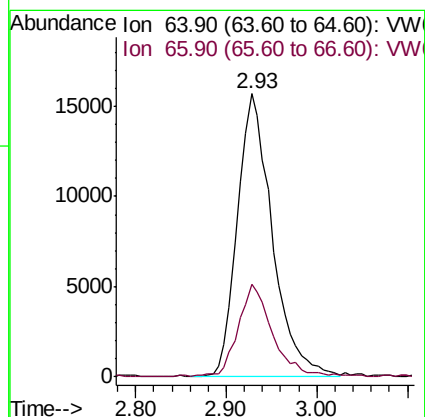
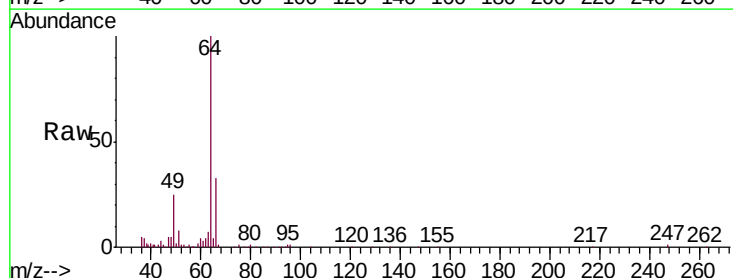
Acq: 12 Jan 2019 01:25

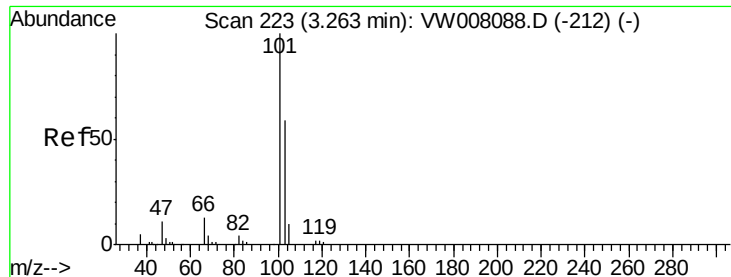
Tgt Ion: 64 Resp: 42027

Ion Ratio Lower Upper

64 100

66 32.5 24.2 36.2



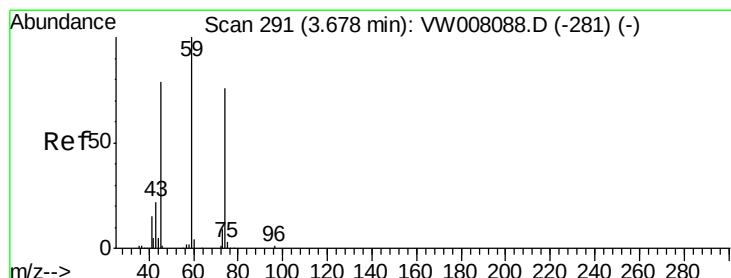
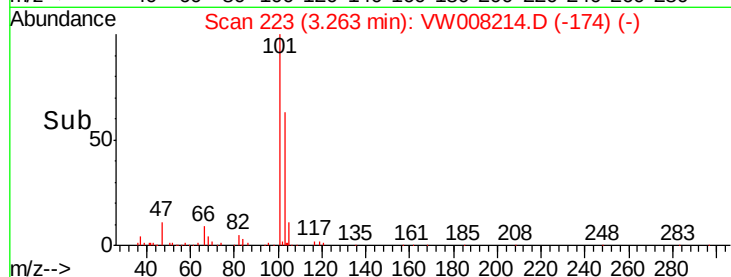
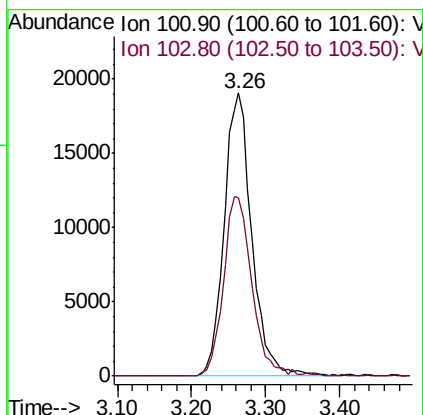
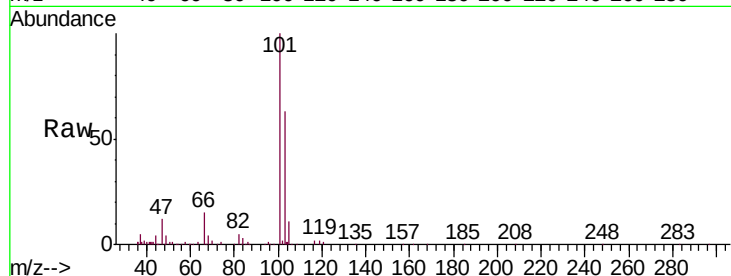


#7

Trichlorofluoromethane
 Concen: 46.319 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
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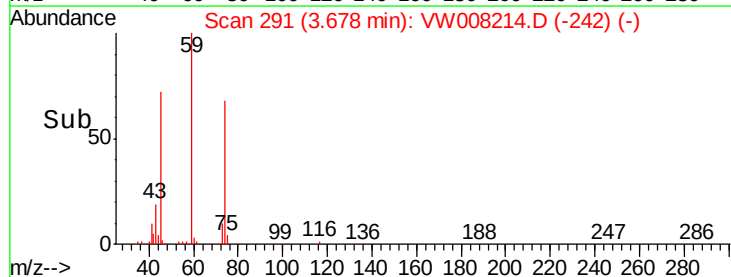
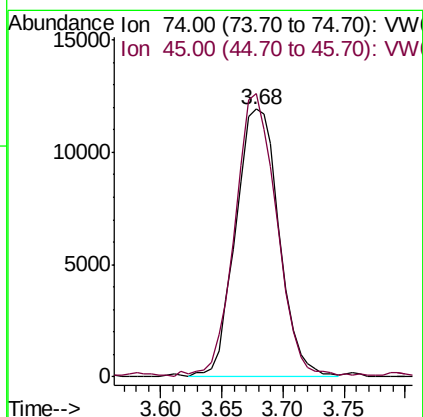
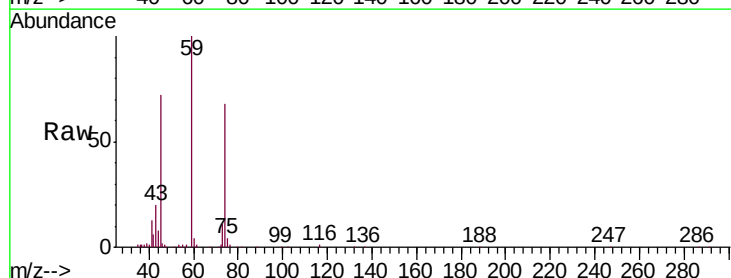
Tgt Ion:101 Resp: 49387
 Ion Ratio Lower Upper
 101 100
 103 62.9 47.0 70.6

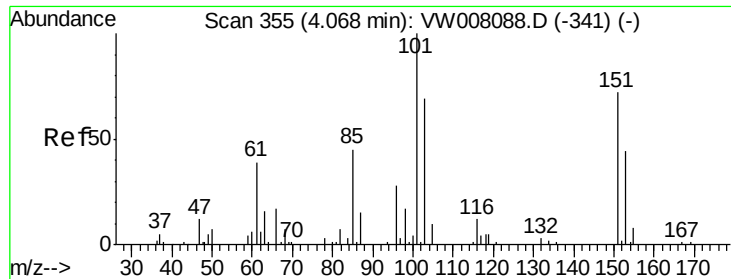


#8

Diethyl Ether
 Concen: 48.777 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

Tgt Ion: 74 Resp: 29401
 Ion Ratio Lower Upper
 74 100
 45 102.6 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.541 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

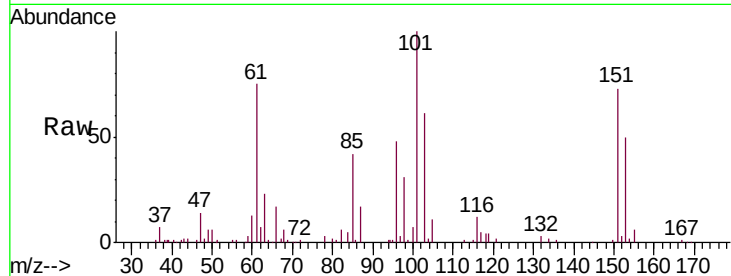
Tgt Ion:101 Resp: 53503

Ion Ratio Lower Upper

101 100

85 42.4 35.9 53.9

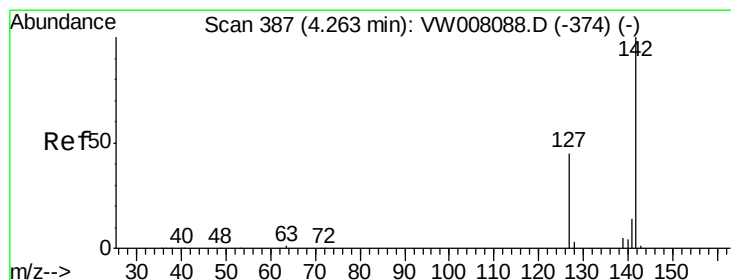
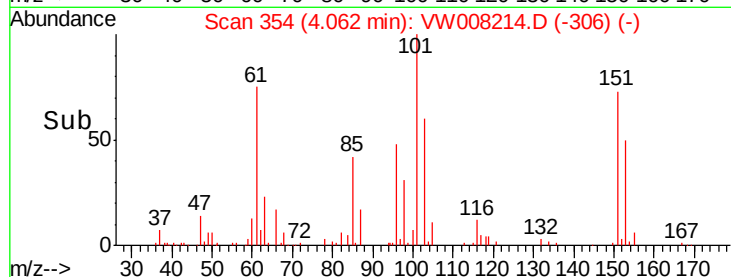
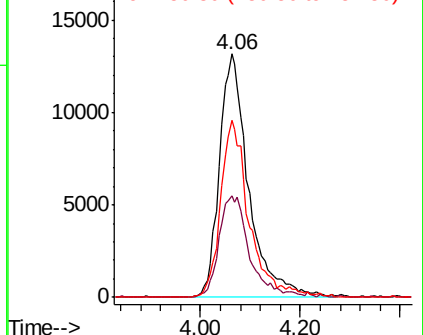
151 71.2 55.8 83.8



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: 52.930 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

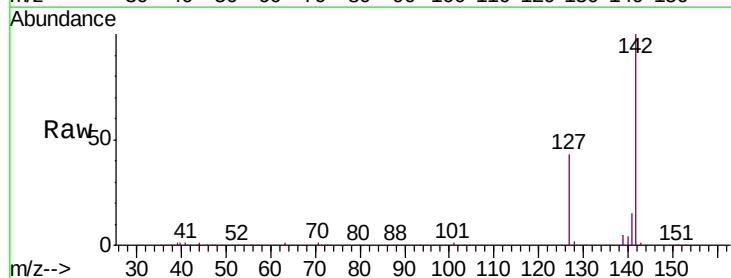
Tgt Ion:142 Resp: 81663

Ion Ratio Lower Upper

142 100

127 43.0 35.0 52.4

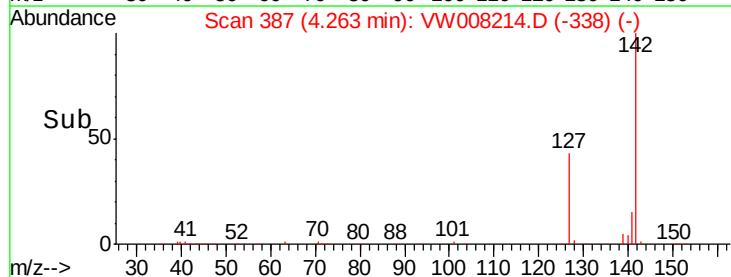
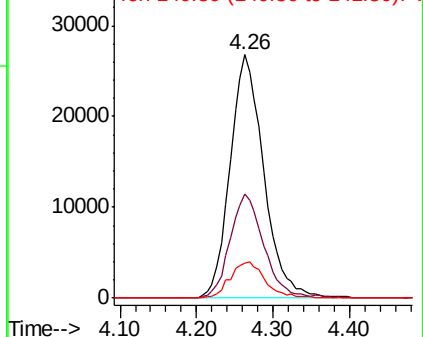
141 15.6 11.8 17.6

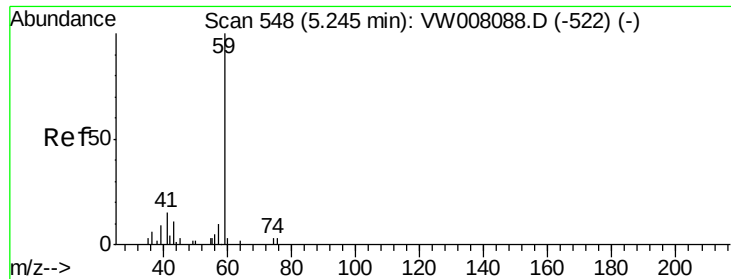


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



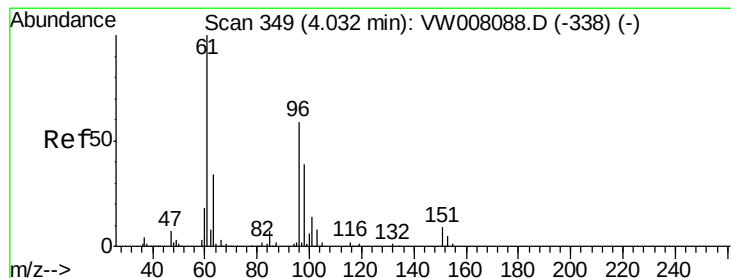
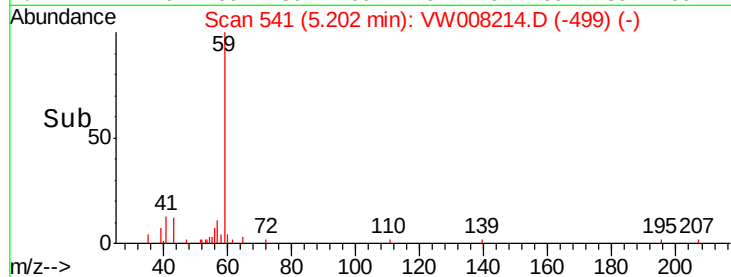
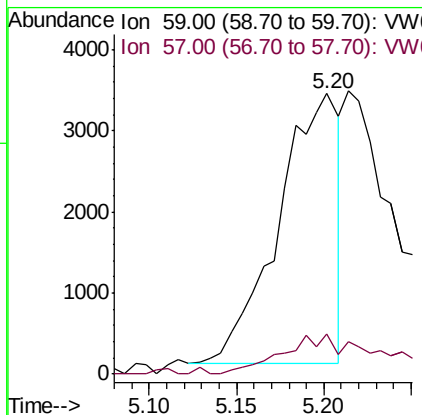
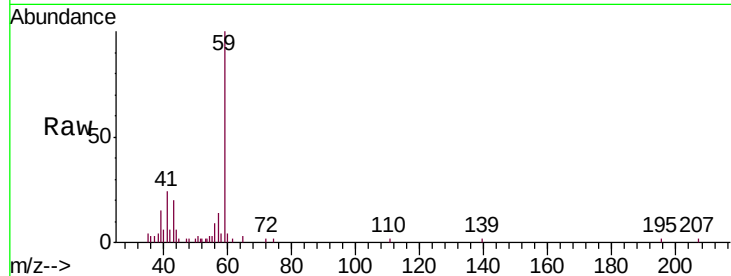


#11

Tert butyl alcohol
 Concen: 107.414 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. -0.04 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

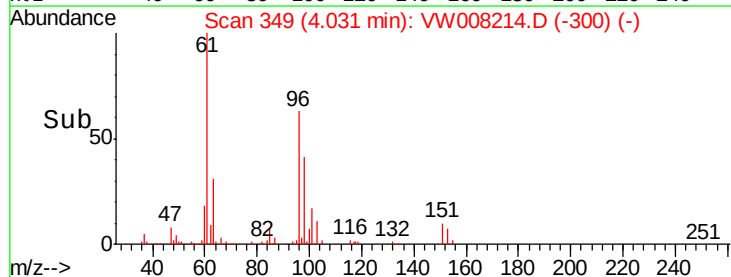
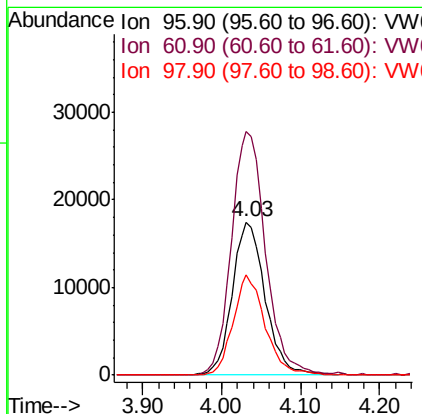
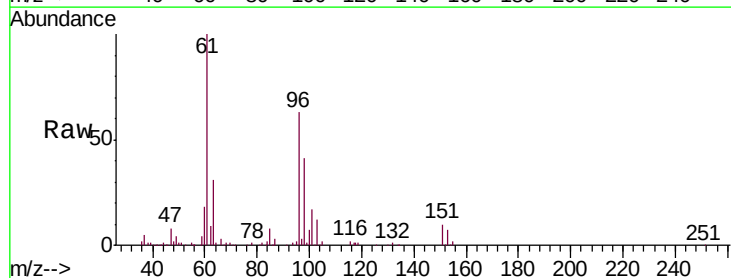
Tgt Ion: 59 Resp: 8033
 Ion Ratio Lower Upper
 59 100
 57 25.0 0.0 0.0#

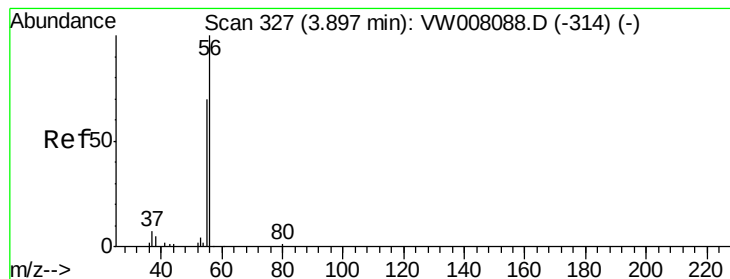


#12

1,1-Dichloroethene
 Concen: 48.683 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

Tgt Ion: 96 Resp: 50598
 Ion Ratio Lower Upper
 96 100
 61 158.7 135.4 203.2
 98 65.4 52.5 78.7





#13

Acrolein

Concen: 259.653 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

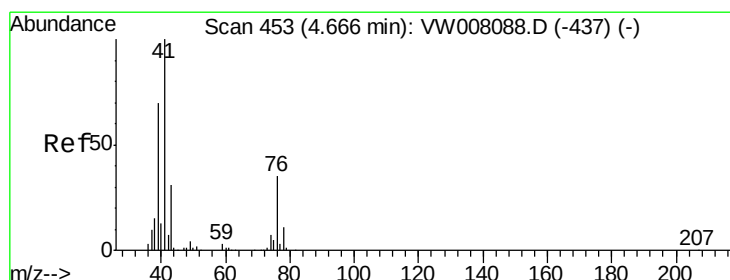
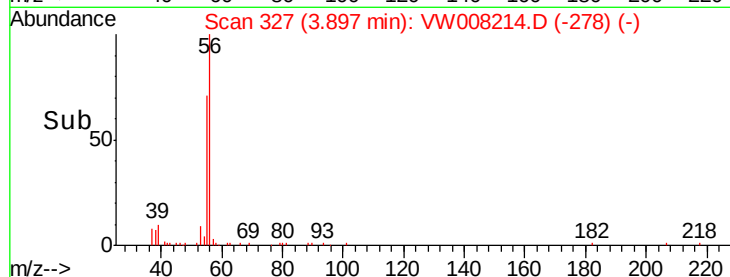
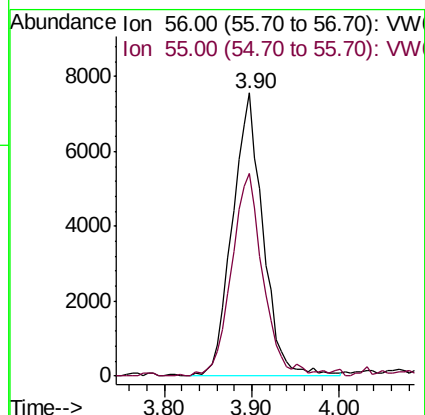
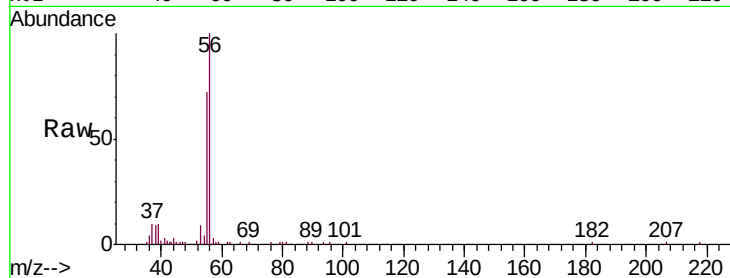
VSTDCCC050

Tgt Ion: 56 Resp: 18435

Ion Ratio Lower Upper

56 100

55 71.9 56.6 84.8



#14

Allyl chloride

Concen: 49.481 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

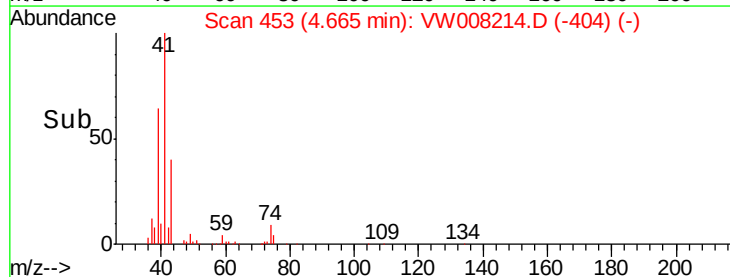
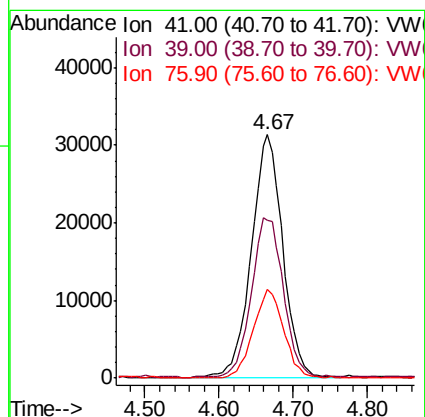
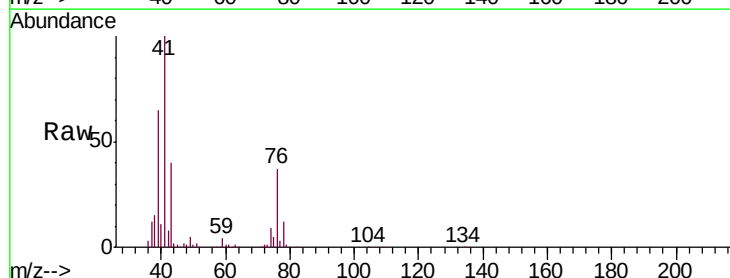
Tgt Ion: 41 Resp: 93372

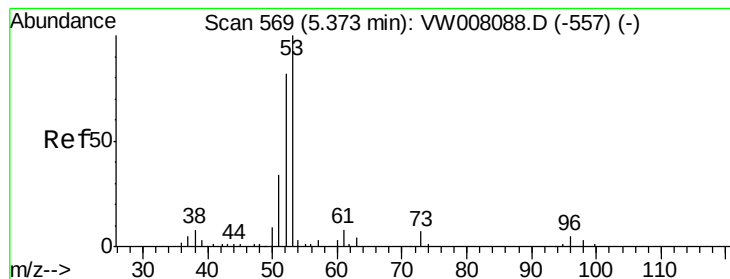
Ion Ratio Lower Upper

41 100

39 66.8 53.8 80.8

76 35.1 27.6 41.4





#15

Acrylonitrile

Concen: 262.401 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

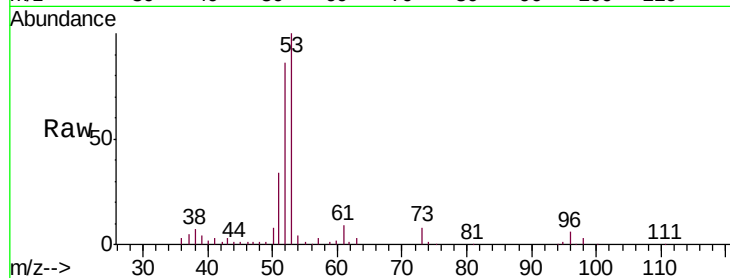
Tgt Ion: 53 Resp: 60217

Ion Ratio Lower Upper

53 100

52 81.8 66.8 100.2

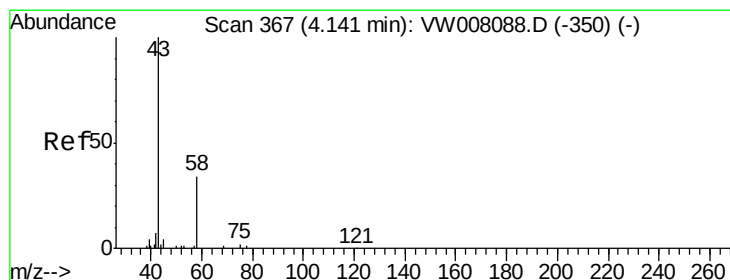
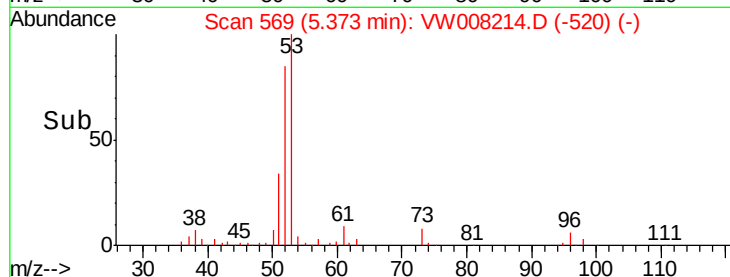
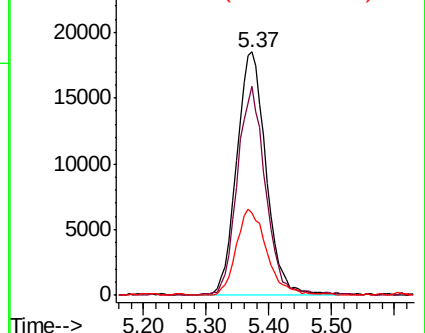
51 37.1 29.7 44.5



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: 233.816 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW008214.D

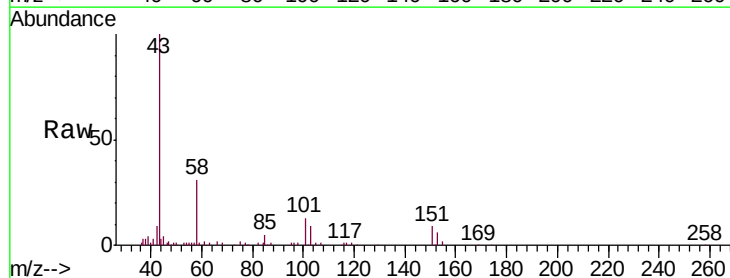
Acq: 12 Jan 2019 01:25

Tgt Ion: 43 Resp: 45093

Ion Ratio Lower Upper

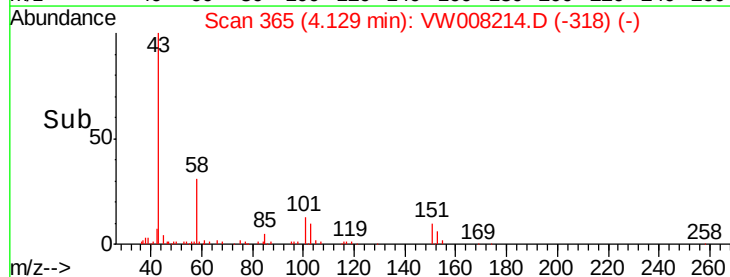
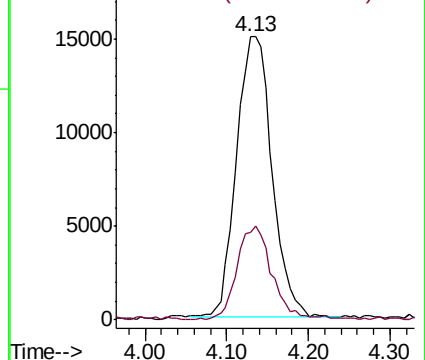
43 100

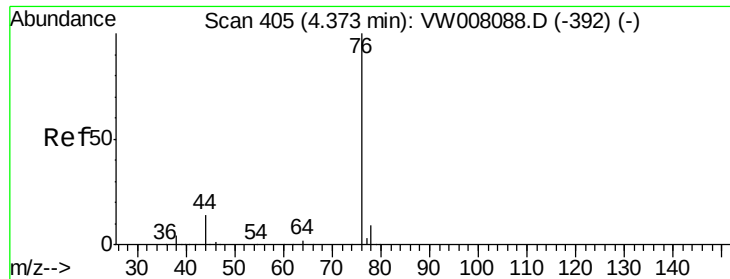
58 31.1 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

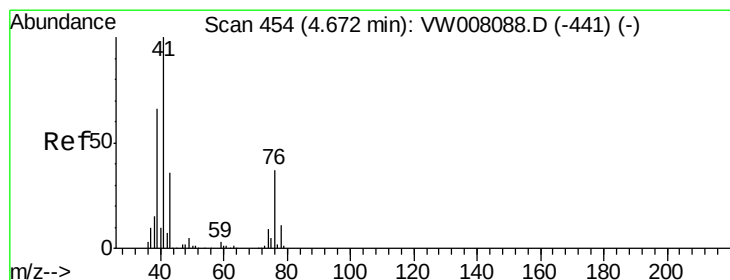
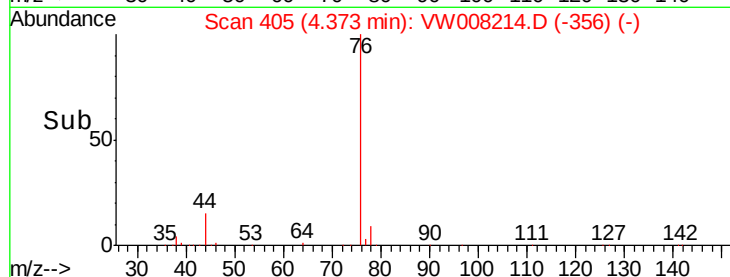
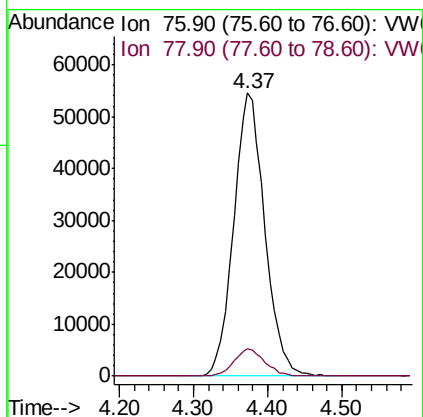
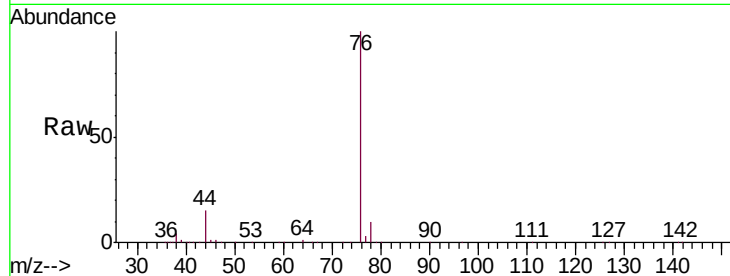




#17
Carbon Disulfide
Concen: 49.075 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

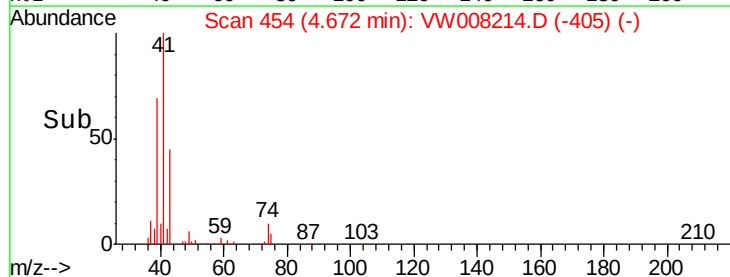
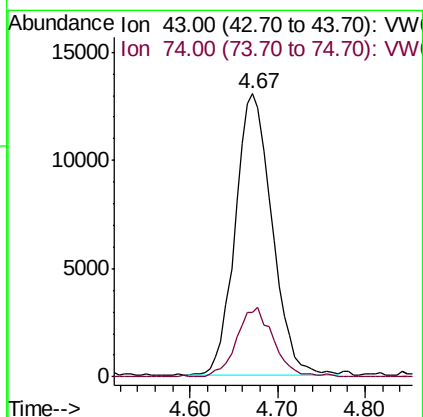
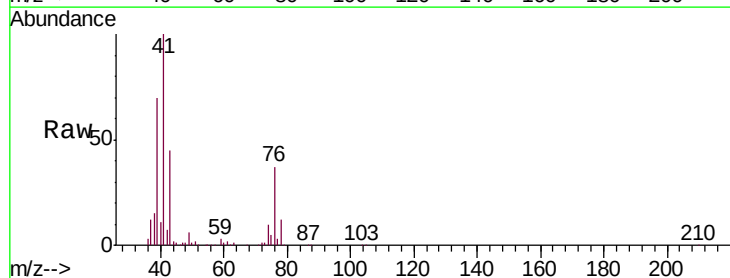
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

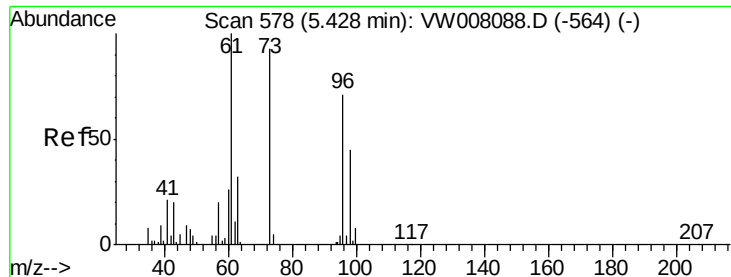
Tgt Ion: 76 Resp: 159336
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#18
Methyl Acetate
Concen: 56.040 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Tgt Ion: 43 Resp: 37780
Ion Ratio Lower Upper
43 100
74 24.6 19.0 28.4

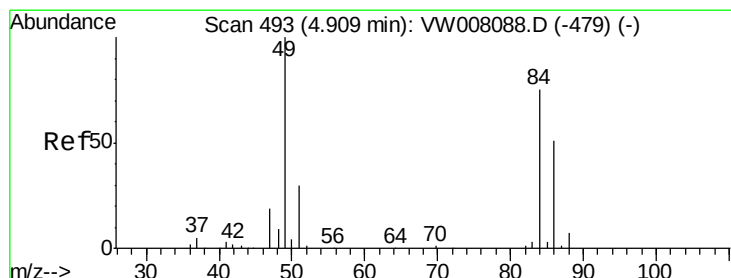
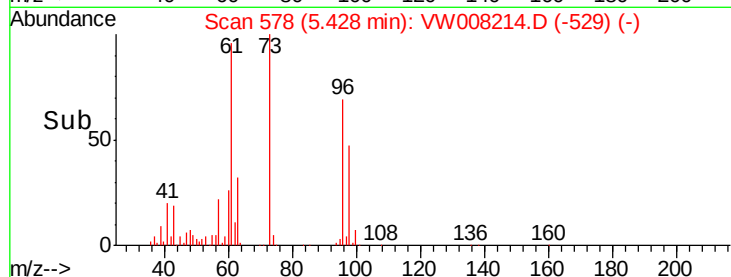
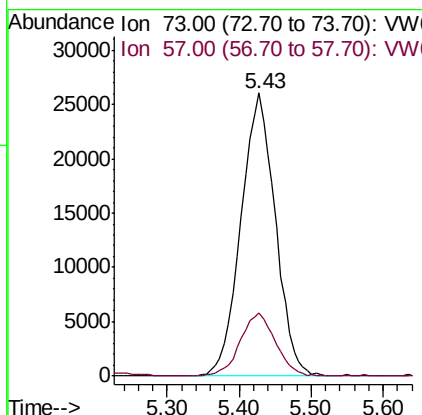
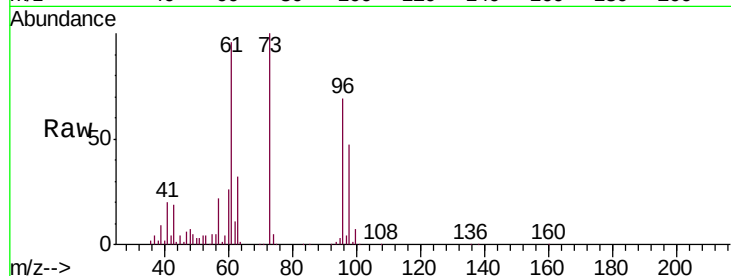




#19
Methyl tert-butyl Ether
Concen: 51.090 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

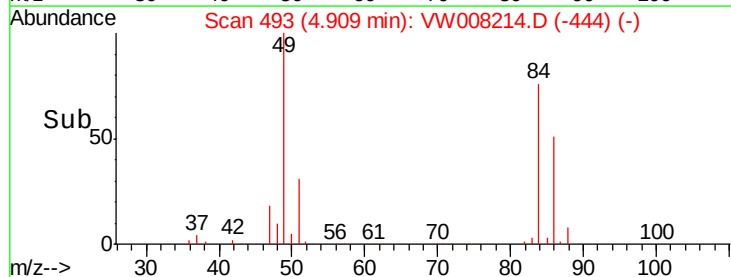
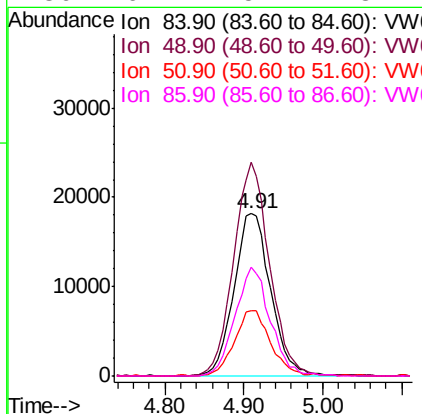
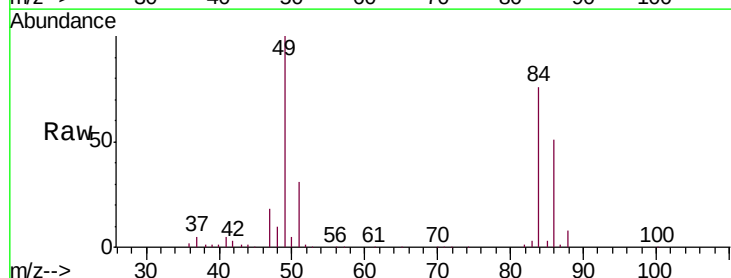
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

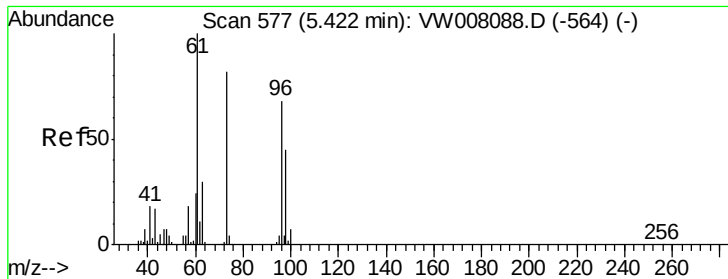
Tgt Ion: 73 Resp: 86325
Ion Ratio Lower Upper
73 100
57 22.4 16.7 25.1



#20
Methylene Chloride
Concen: 56.456 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Tgt Ion: 84 Resp: 58639
Ion Ratio Lower Upper
84 100
49 131.5 107.1 160.7
51 40.4 32.4 48.6
86 67.1 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 52.343 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

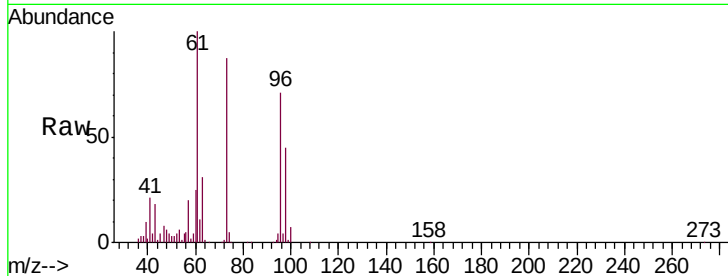
Tgt Ion: 96 Resp: 59120

Ion Ratio Lower Upper

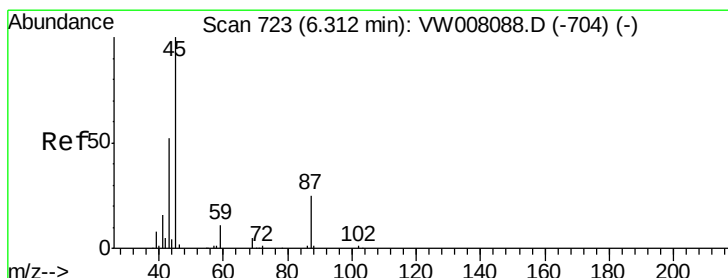
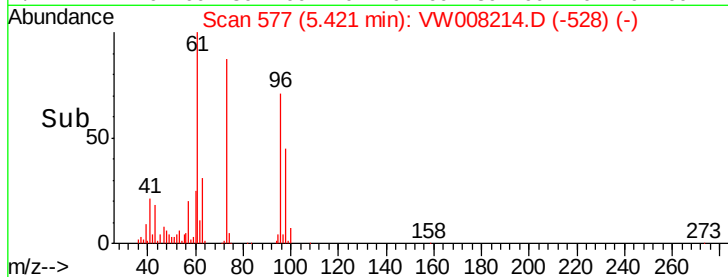
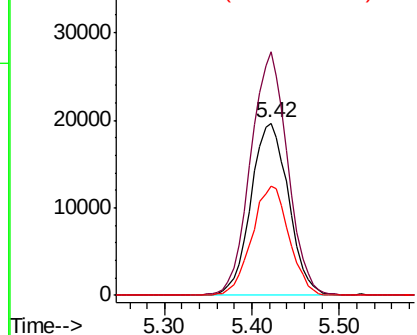
96 100

61 141.4 117.4 176.0

98 63.8 52.2 78.4



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: 51.821 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Tgt Ion: 45 Resp: 186496

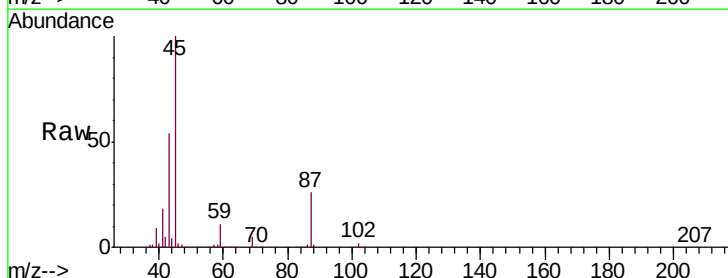
Ion Ratio Lower Upper

45 100

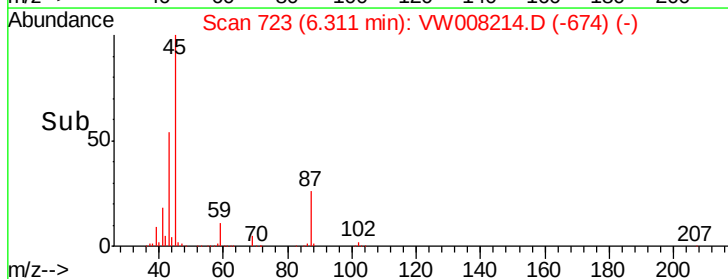
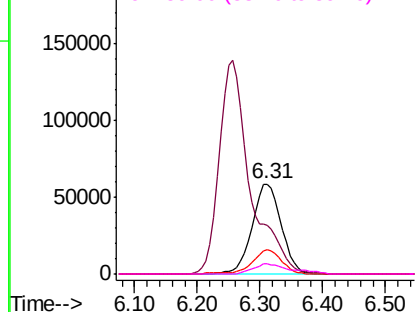
43 53.5 41.7 62.5

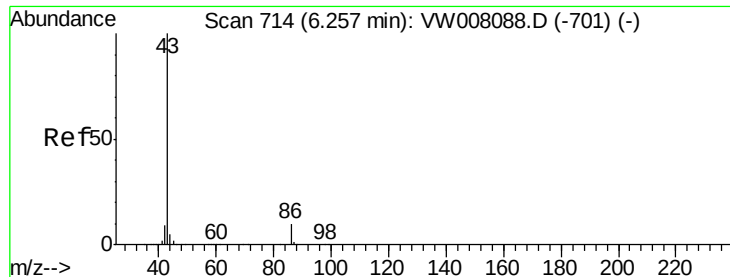
87 26.5 20.1 30.1

59 10.9 8.8 13.2



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: 251.960 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

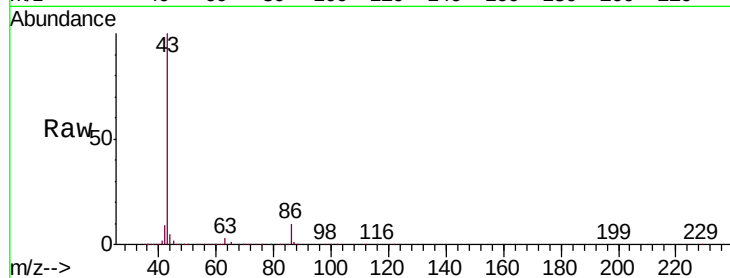
VSTDCCC050

Tgt Ion: 43 Resp: 476235

Ion Ratio Lower Upper

43 100

86 10.1 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

150000

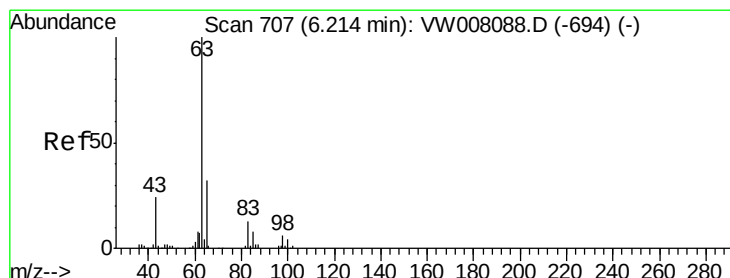
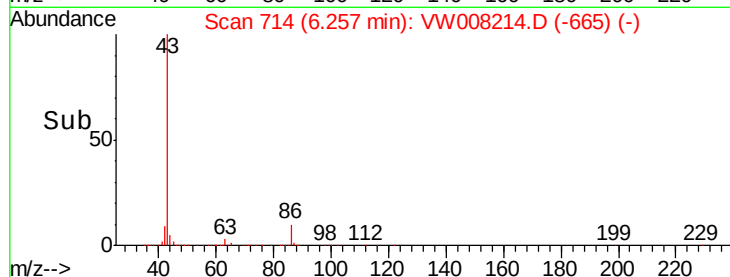
100000

50000

0

Time-->

6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 50.923 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

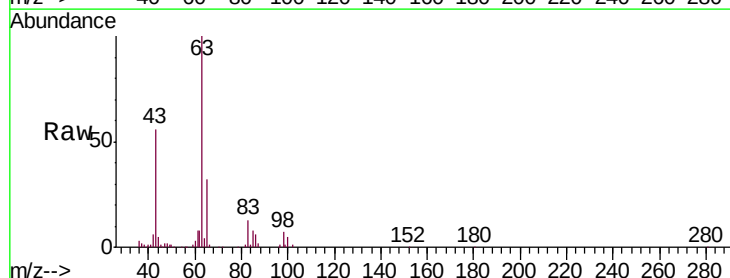
Tgt Ion: 63 Resp: 106782

Ion Ratio Lower Upper

63 100

98 6.8 3.2 9.6

100 4.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

40000

30000

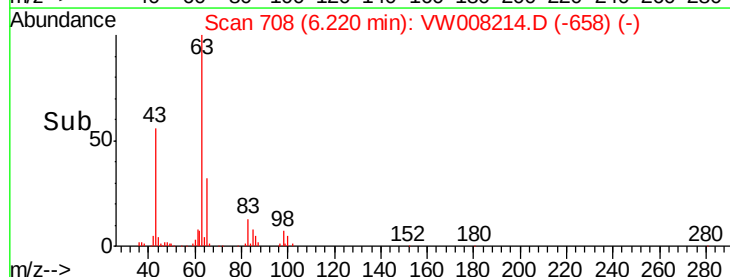
20000

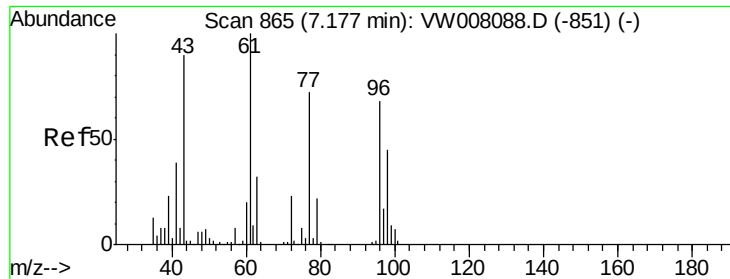
10000

0

Time-->

6.10 6.20 6.30





#25

2-Butanone

Concen: 243.054 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

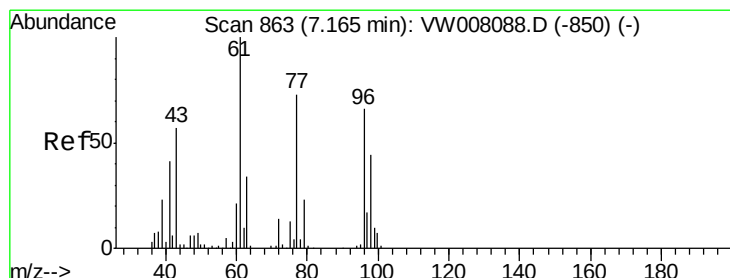
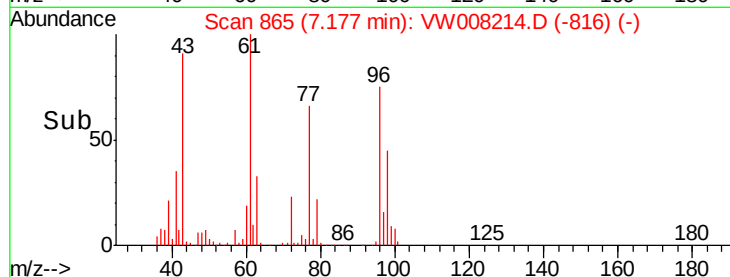
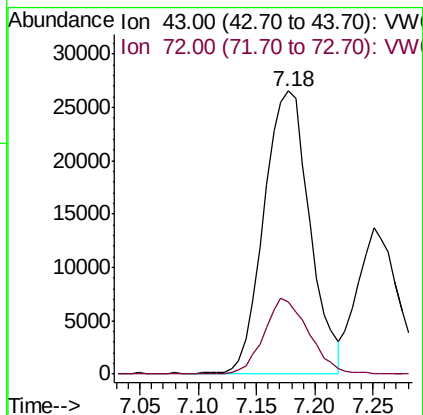
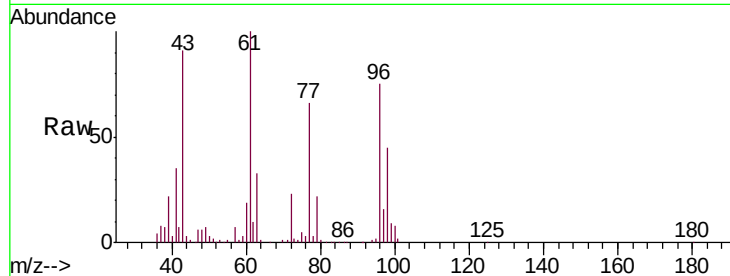
VSTDCCC050

Tgt Ion: 43 Resp: 72134

Ion Ratio Lower Upper

43 100

72 25.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 45.777 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008214.D

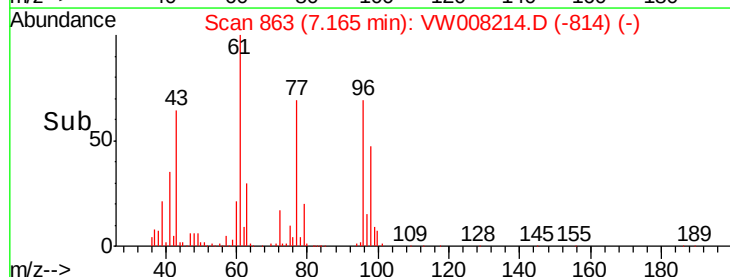
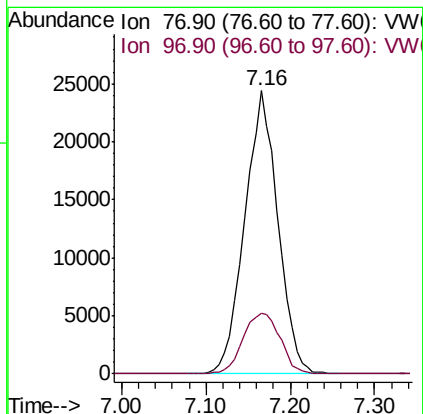
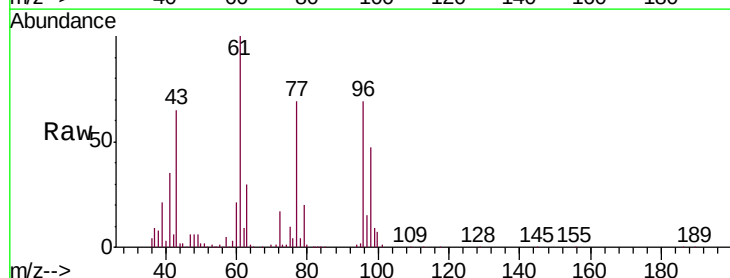
Acq: 12 Jan 2019 01:25

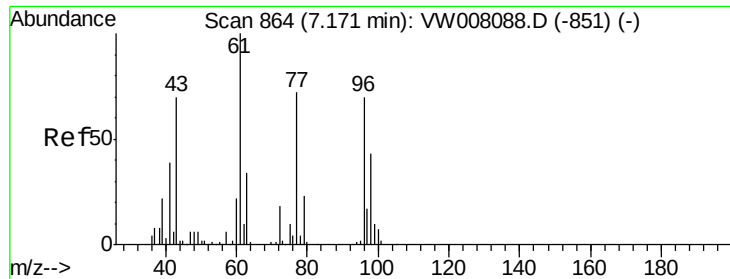
Tgt Ion: 77 Resp: 65040

Ion Ratio Lower Upper

77 100

97 23.9 11.4 34.1



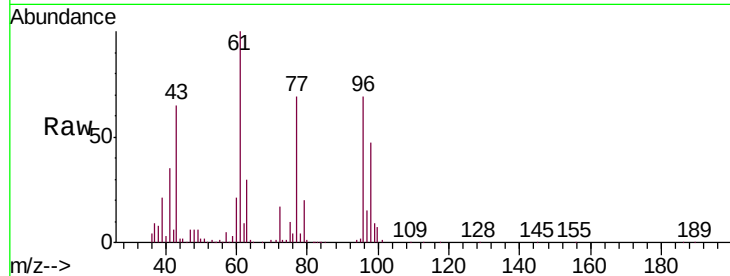


#27

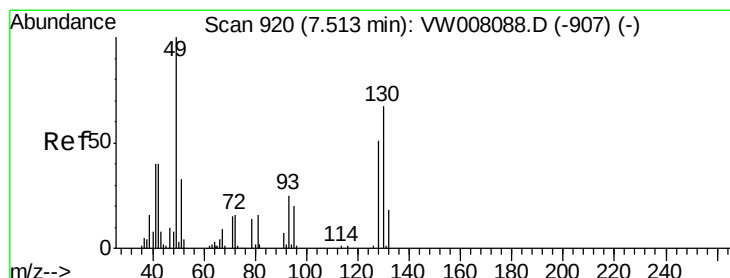
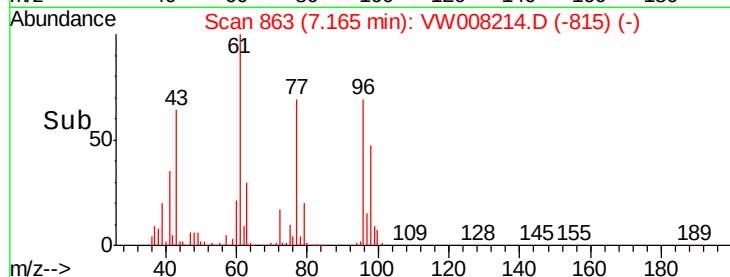
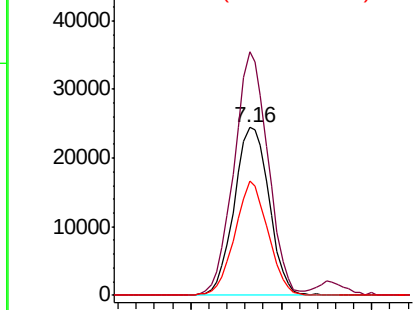
cis-1,2-Dichloroethene
 Concen: 53.453 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 65870
 Ion Ratio Lower Upper
 96 100
 61 140.3 0.0 300.4
 98 63.8 0.0 128.4



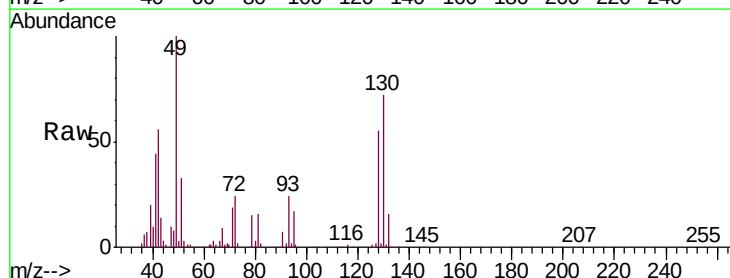
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



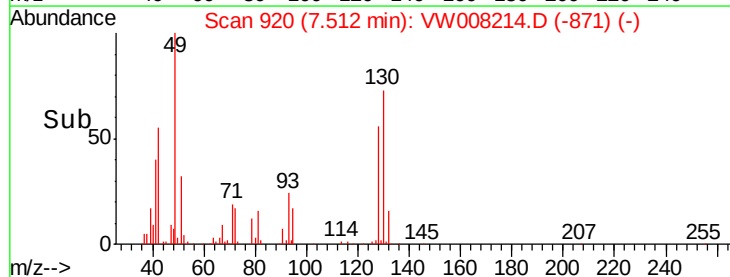
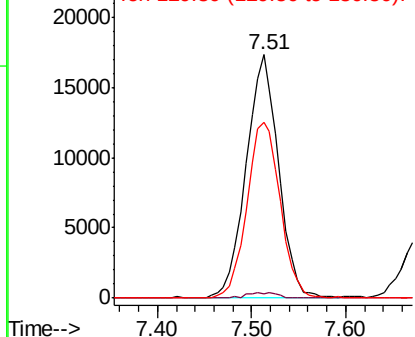
#28

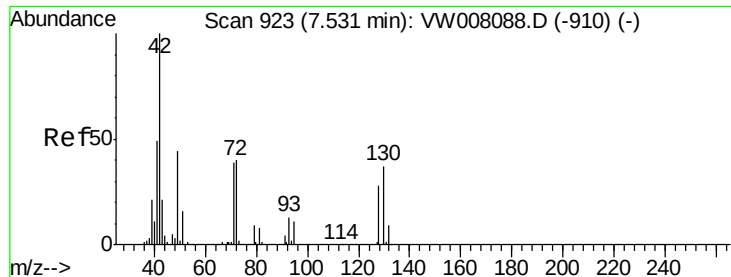
Bromochloromethane
 Concen: 50.158 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

Tgt Ion: 49 Resp: 41601
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 2.8
 130 74.2 54.3 81.5



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

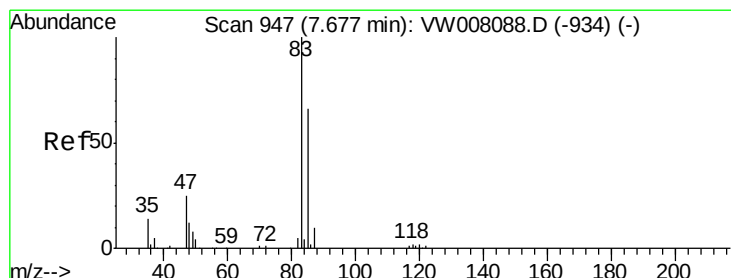
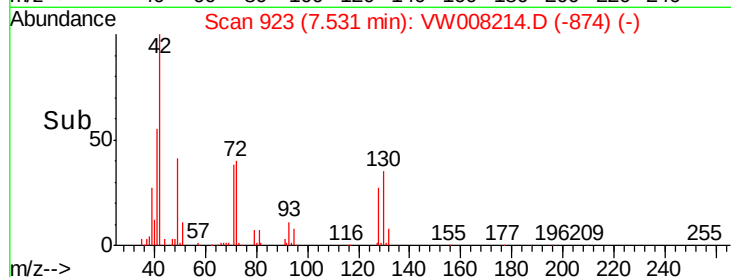
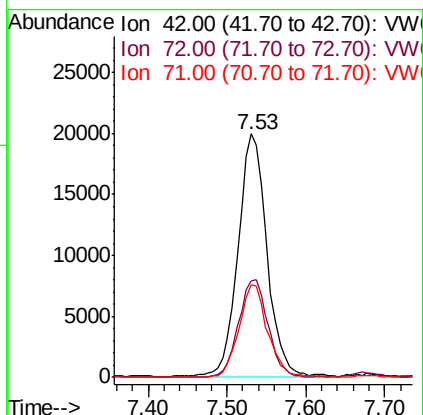
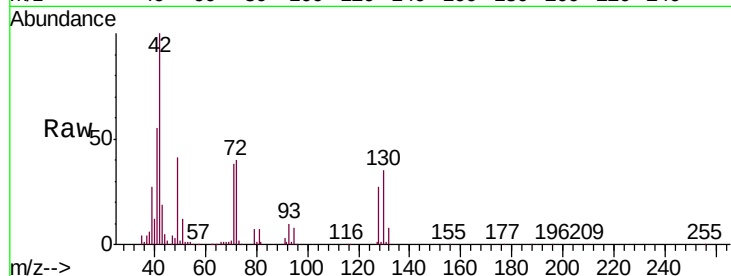




#29
Tetrahydrofuran
Concen: 259.914 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

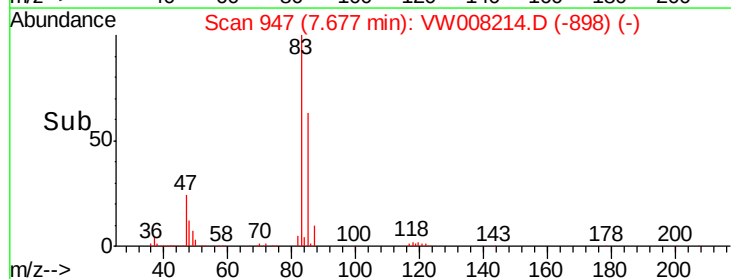
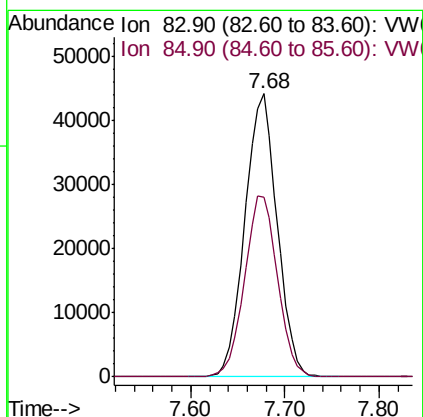
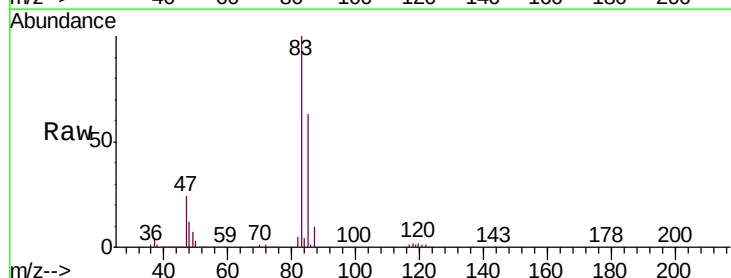
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

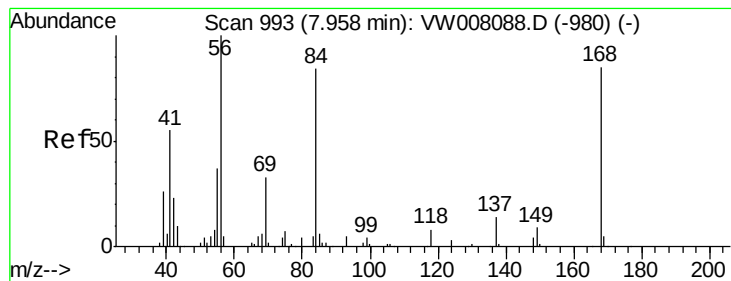
Tgt Ion: 42 Resp: 51527
Ion Ratio Lower Upper
42 100
72 40.2 32.4 48.6
71 37.5 31.3 46.9



#30
Chloroform
Concen: 53.160 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Tgt Ion: 83 Resp: 106104
Ion Ratio Lower Upper
83 100
85 63.4 53.2 79.8





#31

Cyclohexane

Concen: 42.877 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

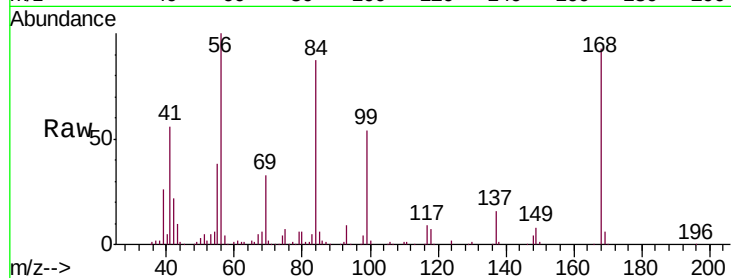
Tgt Ion: 56 Resp: 96250

Ion Ratio Lower Upper

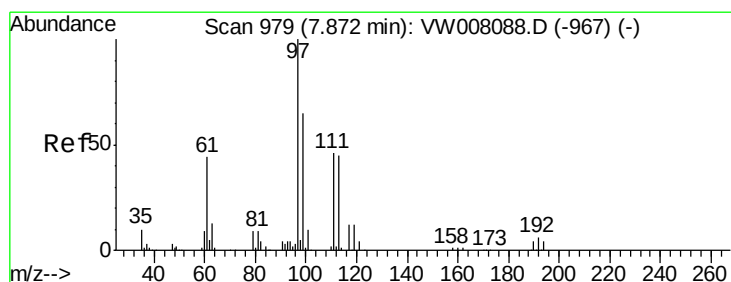
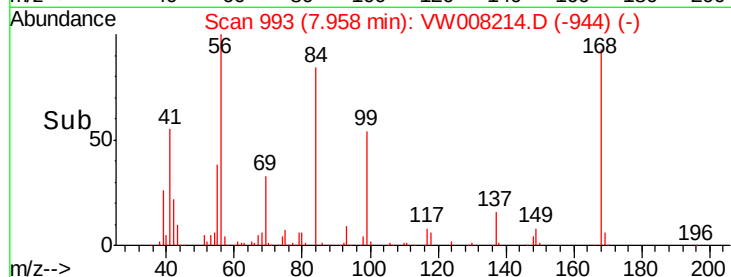
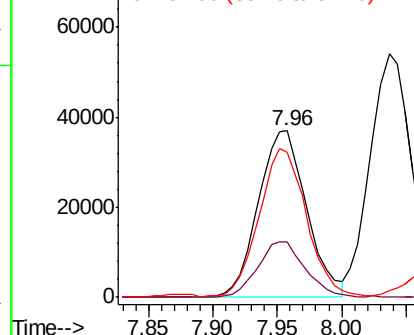
56 100

69 33.3 26.2 39.4

84 85.6 67.4 101.2



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



#32

1,1,1-Trichloroethane

Concen: 51.423 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

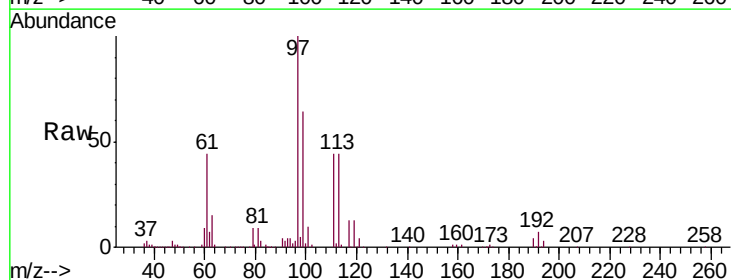
Tgt Ion: 97 Resp: 89306

Ion Ratio Lower Upper

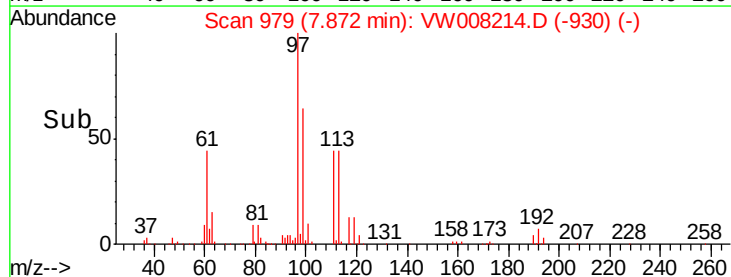
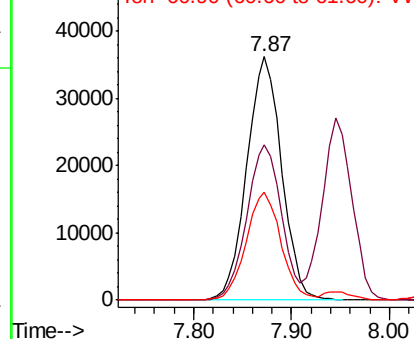
97 100

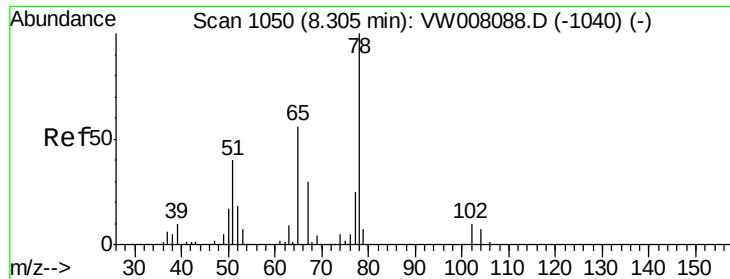
99 63.3 51.4 77.0

61 44.6 35.6 53.4



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

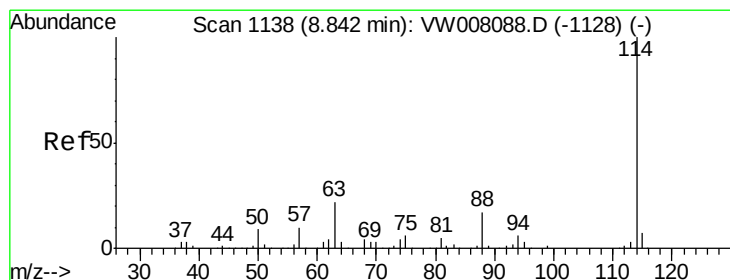
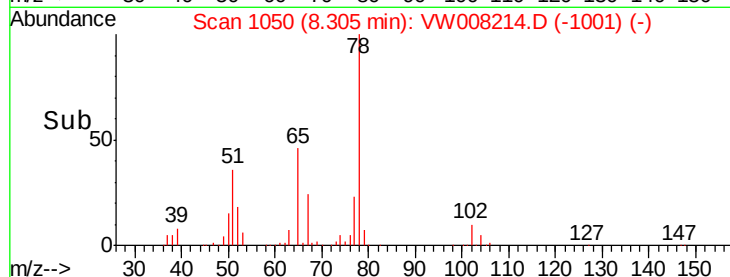
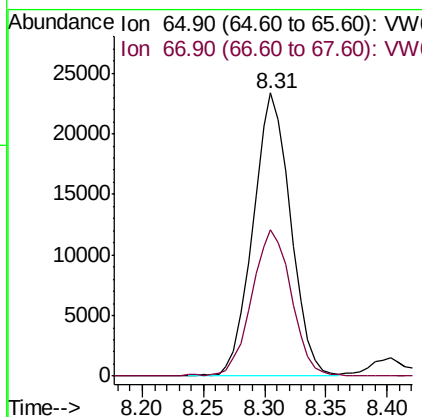
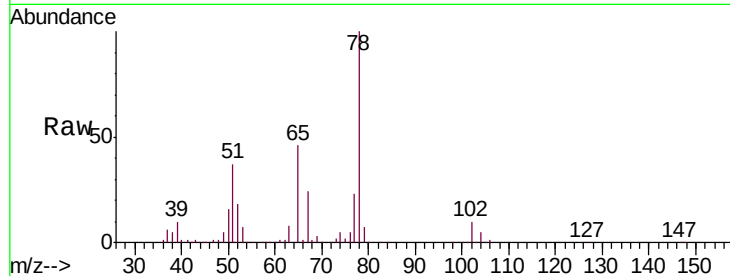




#33
 1,2-Dichloroethane-d4
 Concen: 46.957 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

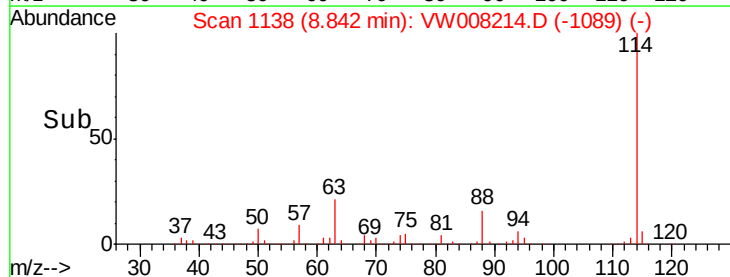
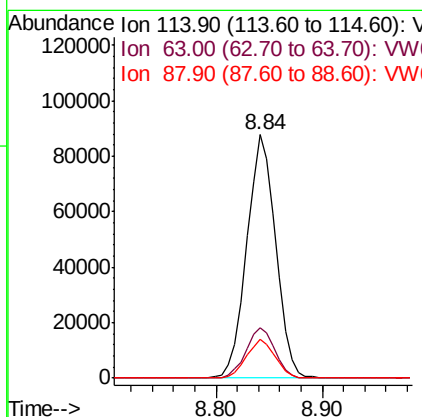
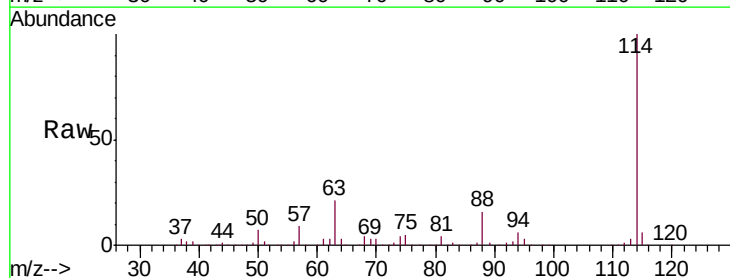
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

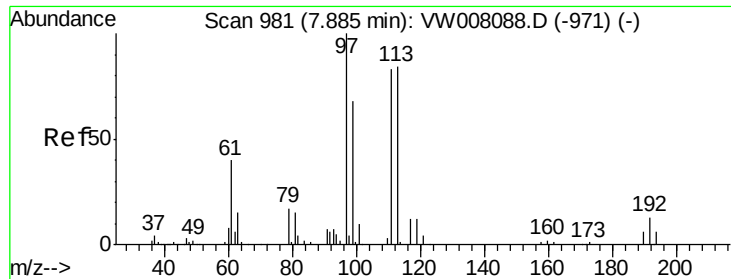
Tgt Ion: 65 Resp: 50088
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

Tgt Ion: 114 Resp: 167468
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.4
 88 15.9 0.0 33.4

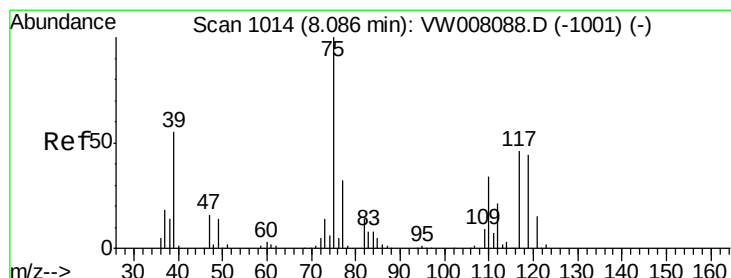
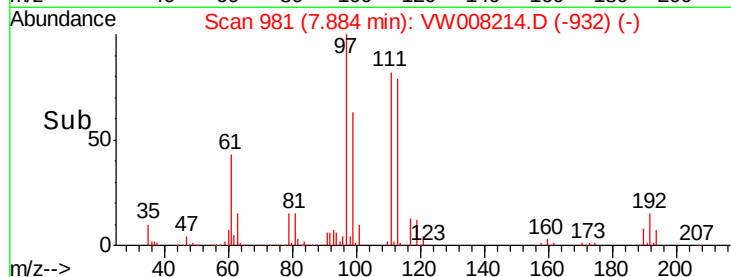
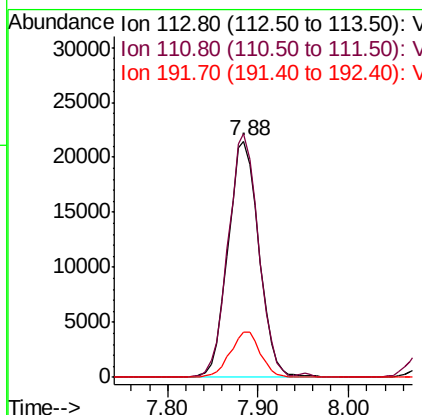
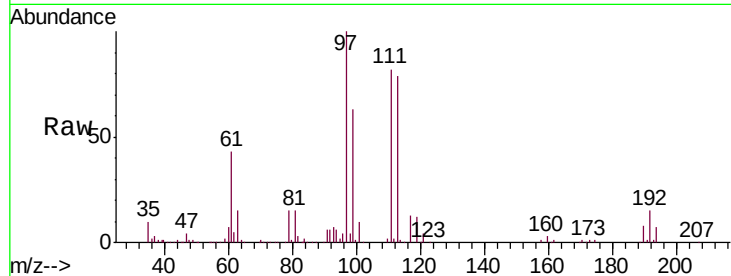




#35
 Dibromofluoromethane
 Concen: 52.032 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

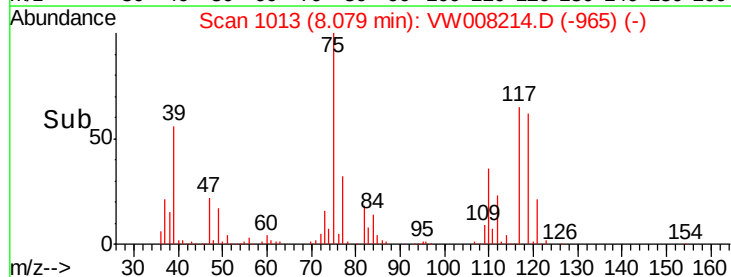
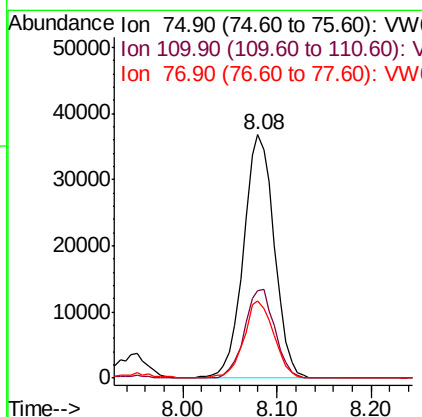
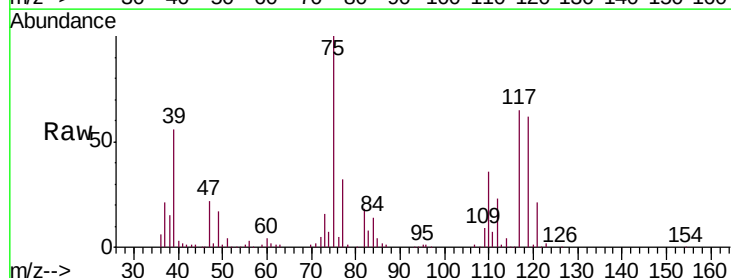
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

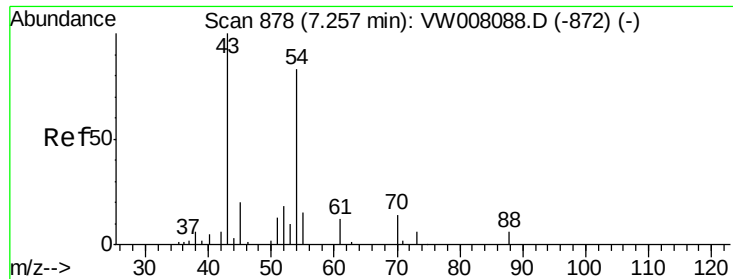
Tgt Ion: 113 Resp: 50822
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.8 122.8
 192 18.6 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 48.858 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

Tgt Ion: 75 Resp: 84284
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.1 51.3
 77 31.2 25.5 38.3

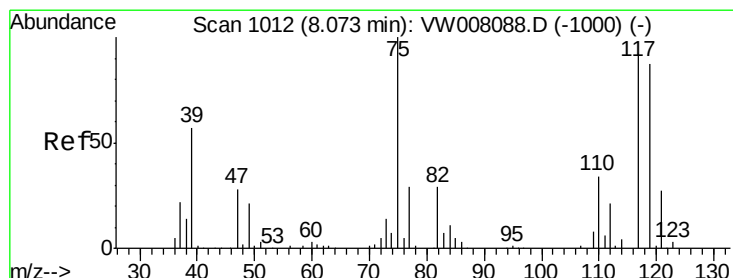
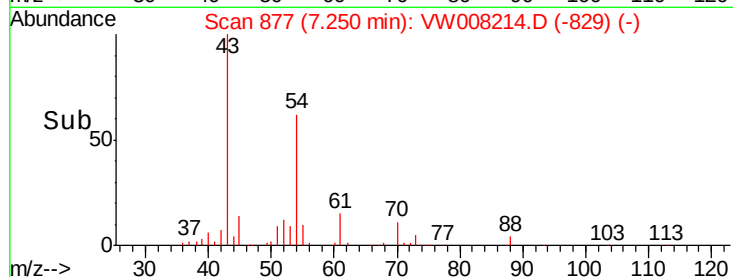
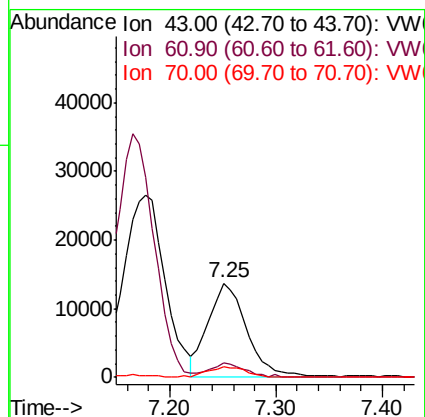
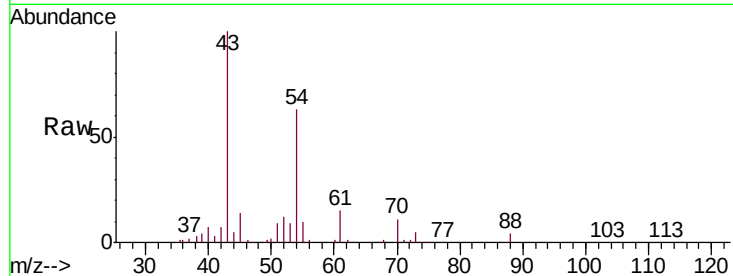




#37
Ethyl Acetate
Concen: 49.226 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

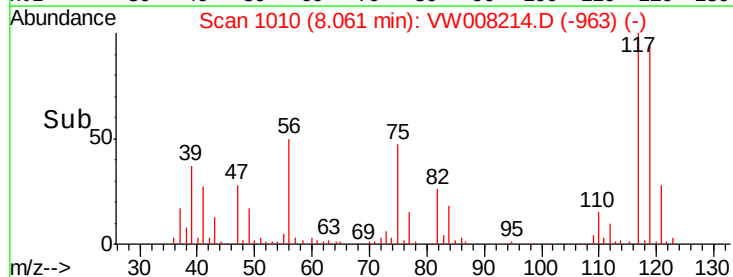
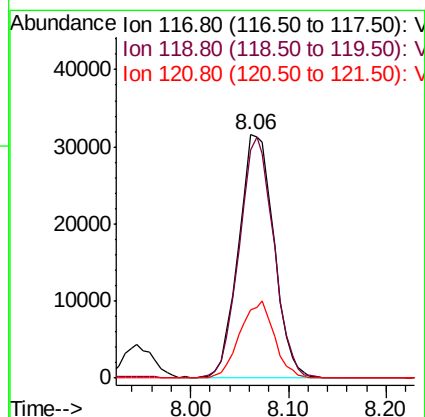
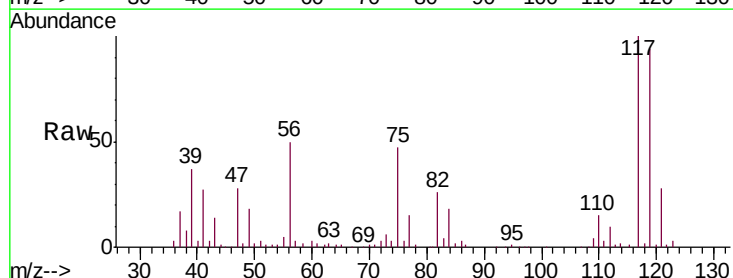
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

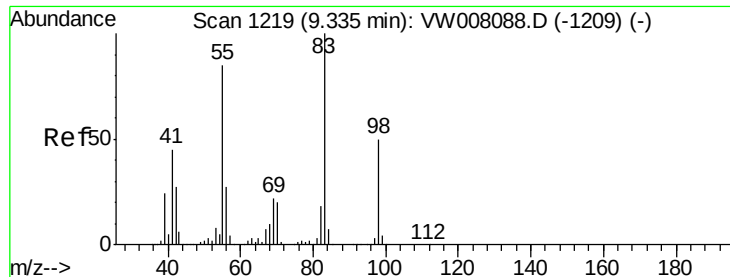
Tgt Ion: 43 Resp: 34021
Ion Ratio Lower Upper
43 100
61 14.7 10.6 16.0
70 11.7 8.9 13.3



#38
Carbon Tetrachloride
Concen: 50.101 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Tgt Ion: 117 Resp: 79107
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.8
121 28.0 23.7 35.5

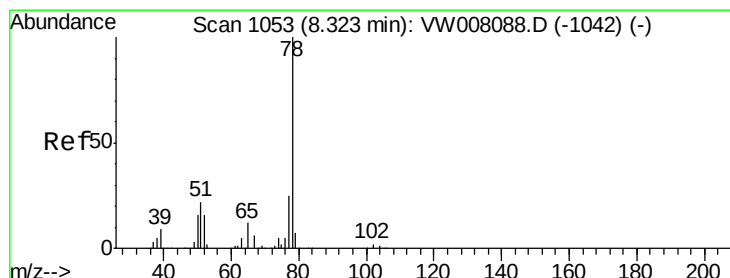
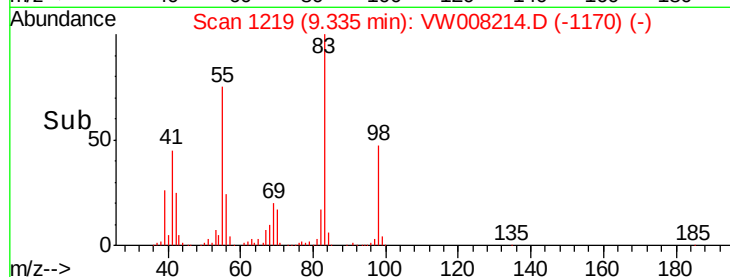
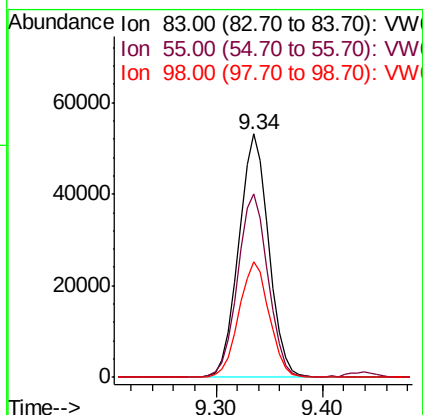
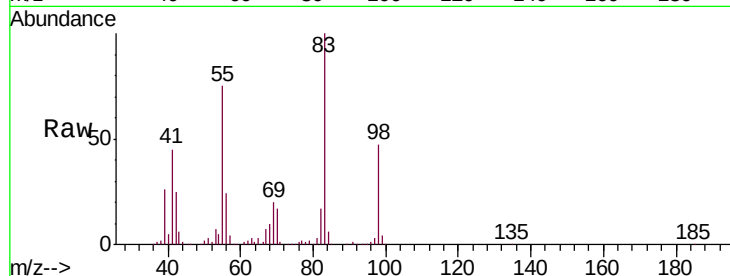




#39
Methylcyclohexane
Concen: 48.043 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

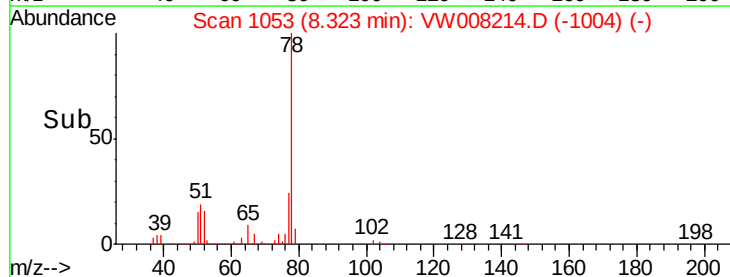
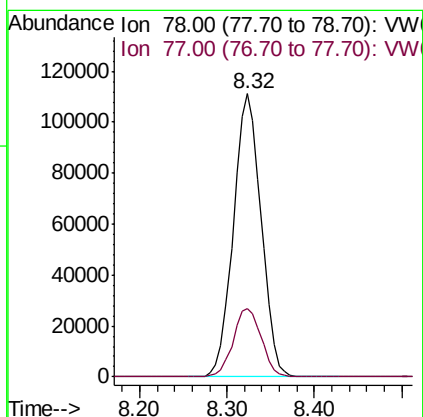
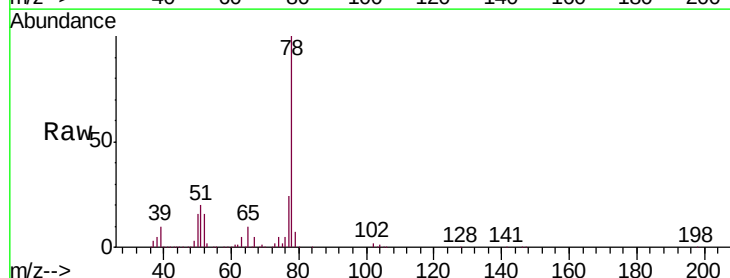
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

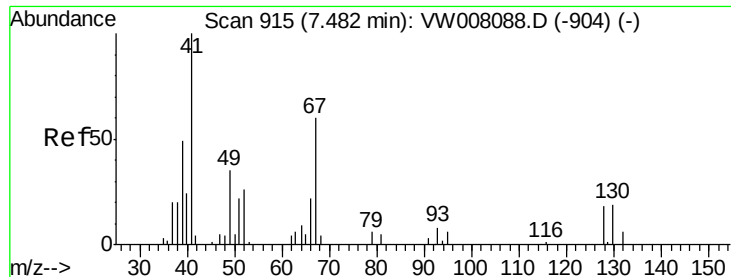
Tgt Ion: 83 Resp: 105088
Ion Ratio Lower Upper
83 100
55 75.3 67.8 101.6
98 47.4 40.2 60.4



#40
Benzene
Concen: 52.299 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Tgt Ion: 78 Resp: 244703
Ion Ratio Lower Upper
78 100
77 24.3 20.2 30.4

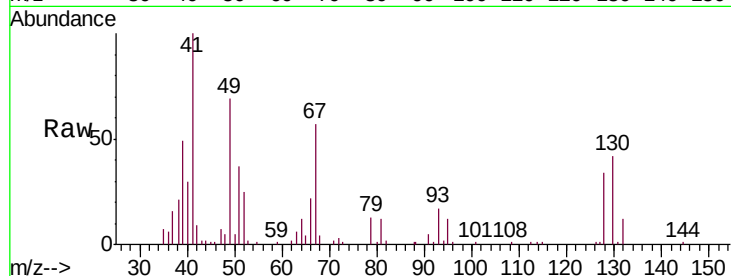




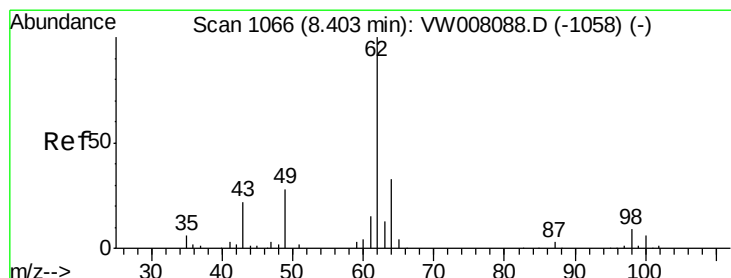
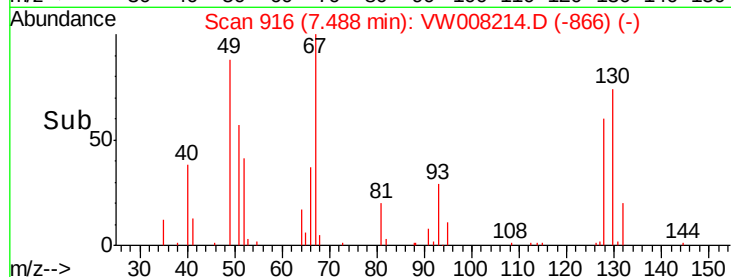
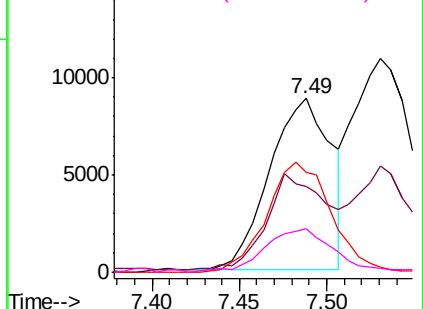
#41
Methacrylonitrile
Concen: 49.959 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	21811
Ion	Ratio	Lower	Upper
41	100		
39	53.9	47.9	71.9
67	66.6	56.3	84.5
52	28.8	24.5	36.7

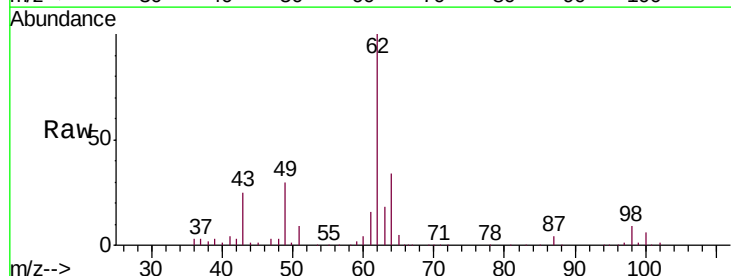


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

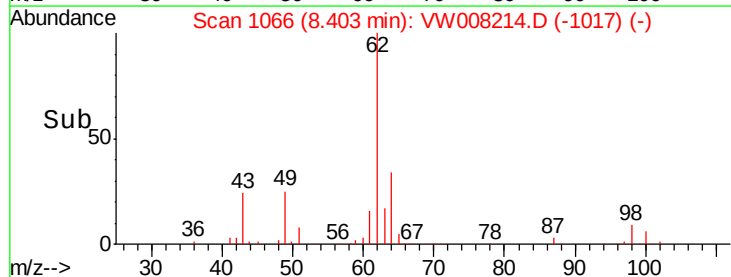
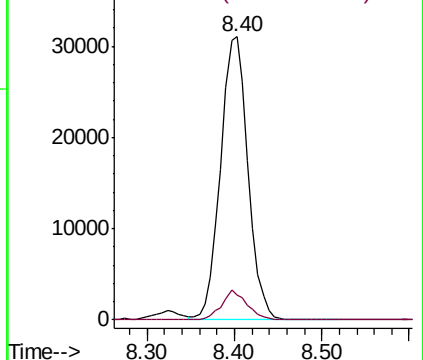


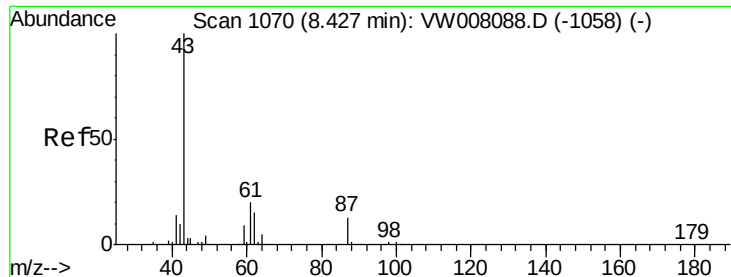
#42
1,2-Dichloroethane
Concen: 51.414 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Tgt Ion:	62	Resp:	67660
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.6



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





#43

Isopropyl Acetate

Concen: 49.375 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

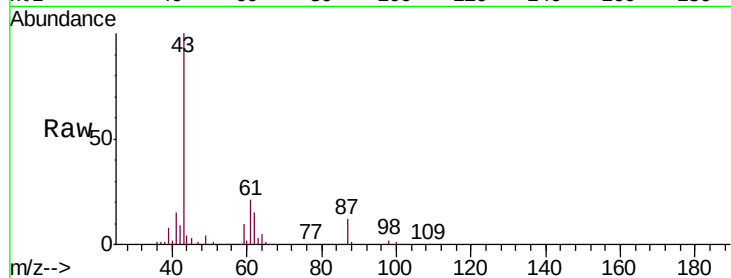
Tgt Ion: 43 Resp: 68227

Ion Ratio Lower Upper

43 100

61 31.3 24.8 37.2

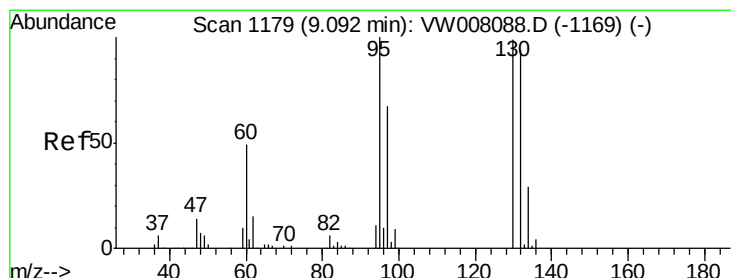
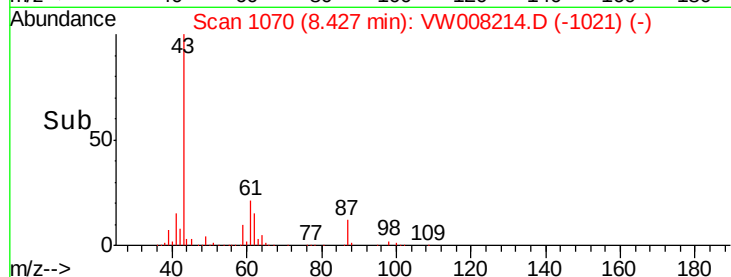
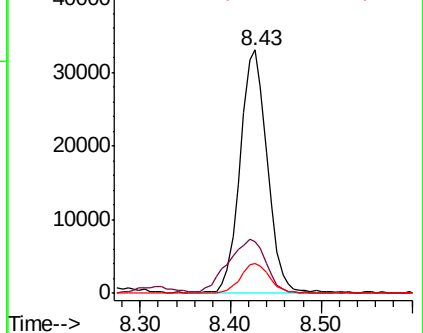
87 13.1 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 53.105 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008214.D

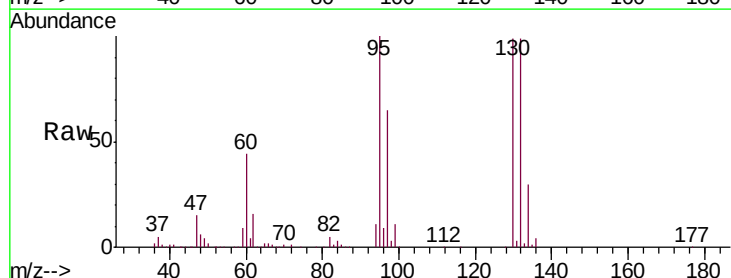
Acq: 12 Jan 2019 01:25

Tgt Ion: 130 Resp: 63606

Ion Ratio Lower Upper

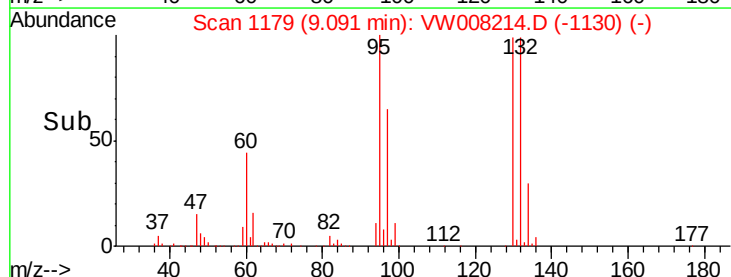
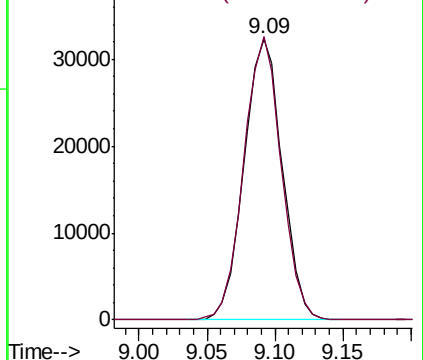
130 100

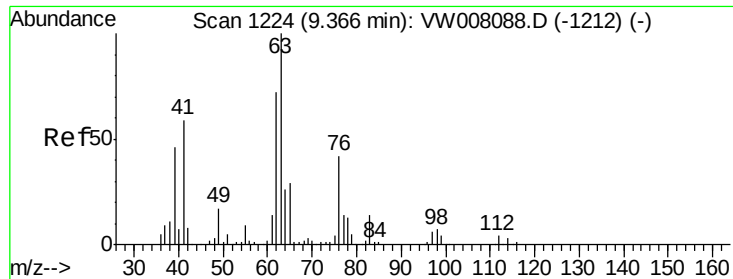
95 100.7 0.0 202.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

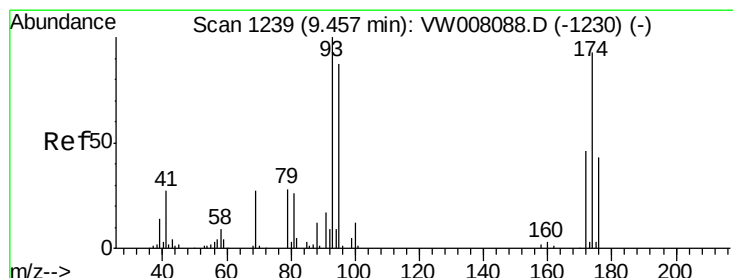
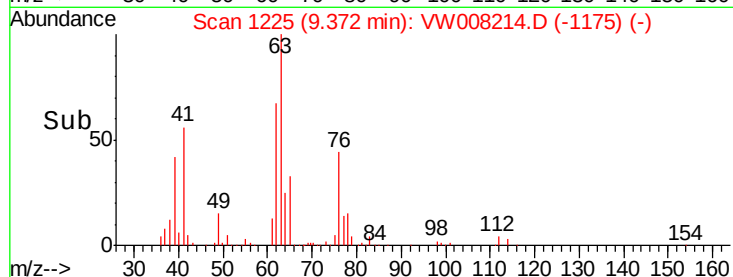
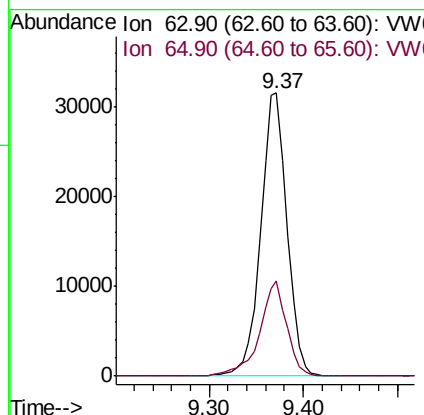
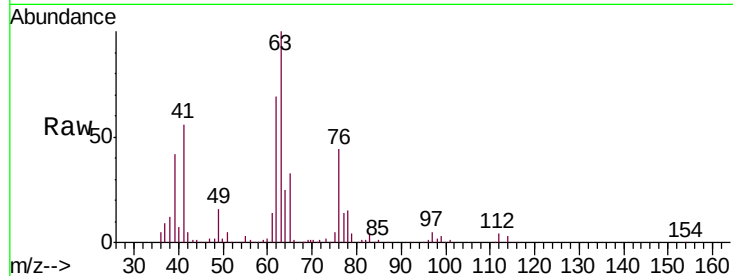




#45
 1,2-Dichloropropane
 Concen: 53.496 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

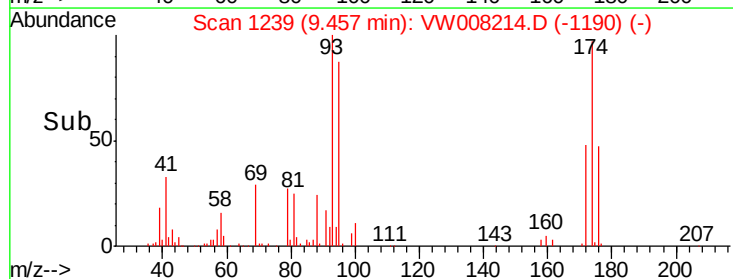
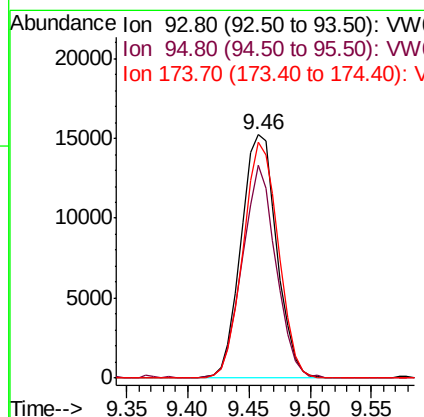
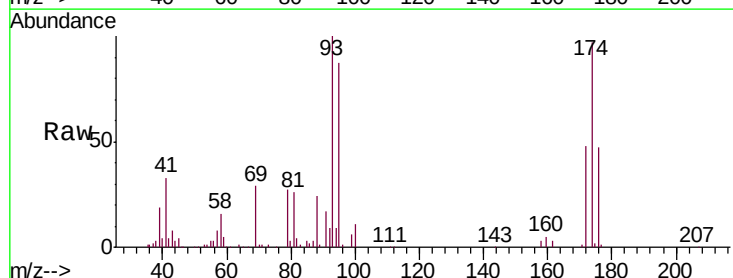
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

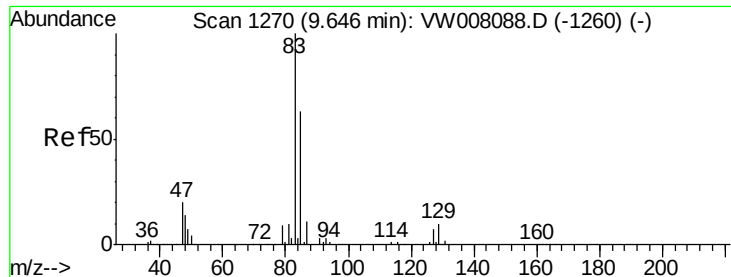
Tgt Ion: 63 Resp: 62064
 Ion Ratio Lower Upper
 63 100
 65 33.5 23.3 34.9



#46
 Dibromomethane
 Concen: 54.124 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

Tgt Ion: 93 Resp: 30838
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.5 101.3
 174 95.7 72.5 108.7





#47

Bromodichloromethane

Concen: 53.868 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

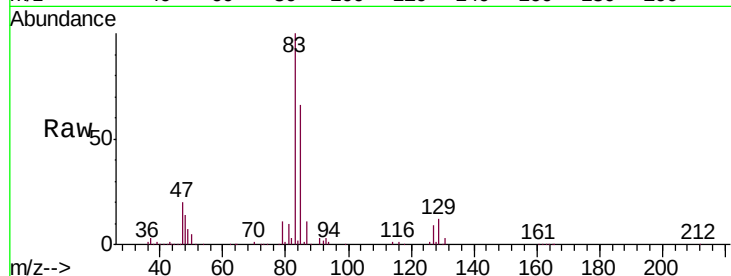
Tgt Ion: 83 Resp: 77934

Ion Ratio Lower Upper

83 100

85 65.4 50.7 76.1

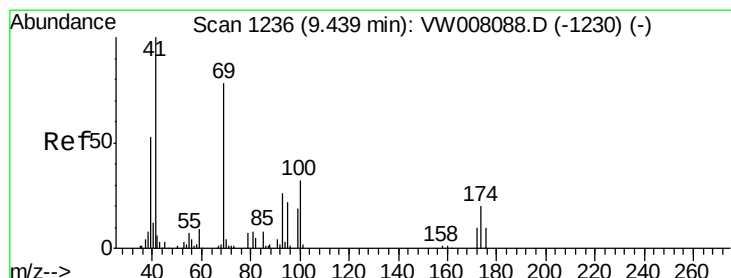
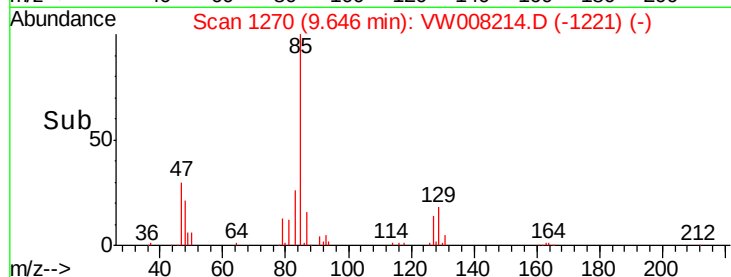
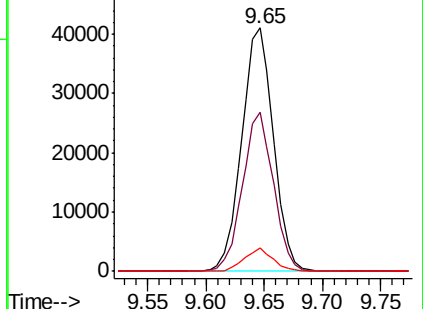
127 9.4 6.0 9.0#



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: 50.061 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

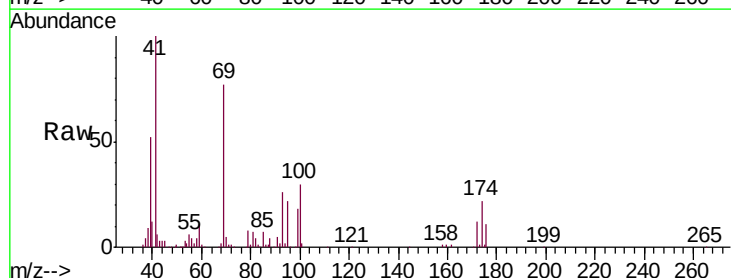
Tgt Ion: 41 Resp: 32641

Ion Ratio Lower Upper

41 100

69 88.1 61.9 92.9

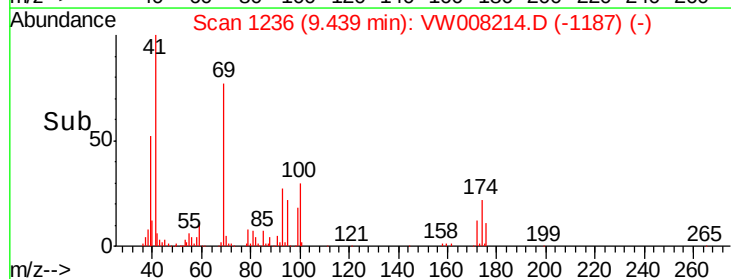
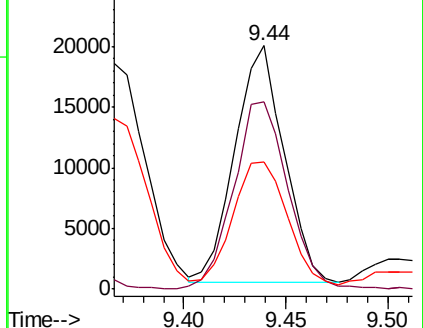
39 59.6 43.0 64.4

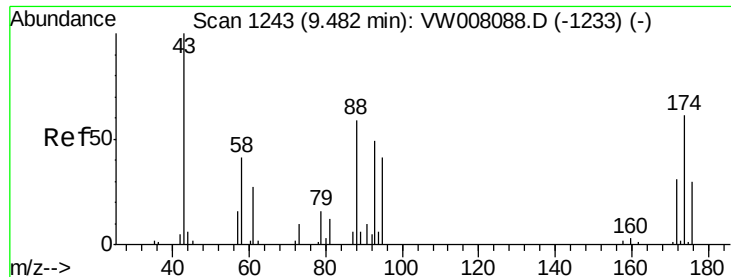


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

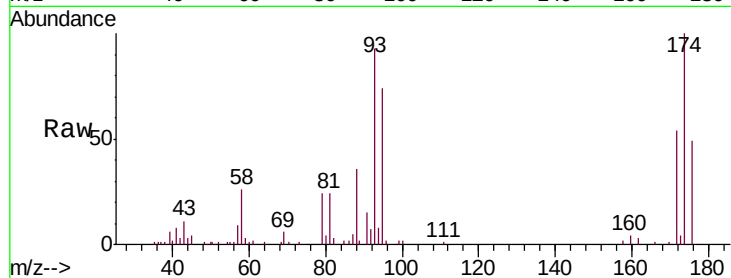




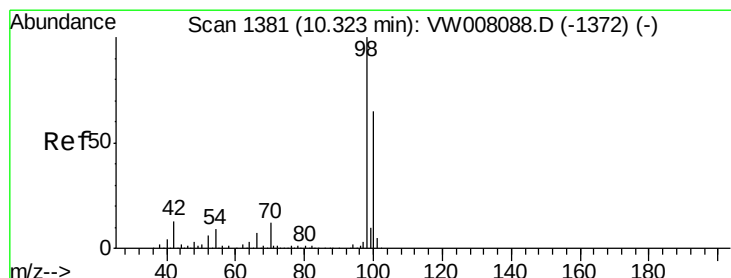
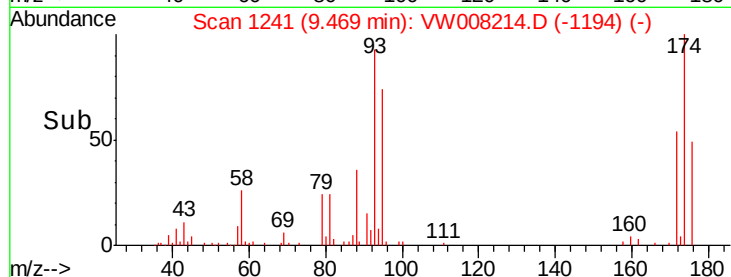
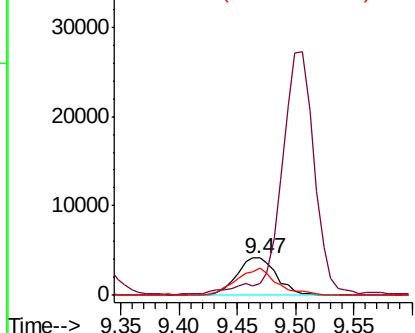
#49
1,4-Dioxane
Concen: 1093.648 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 10021
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 75.0 61.7 92.5

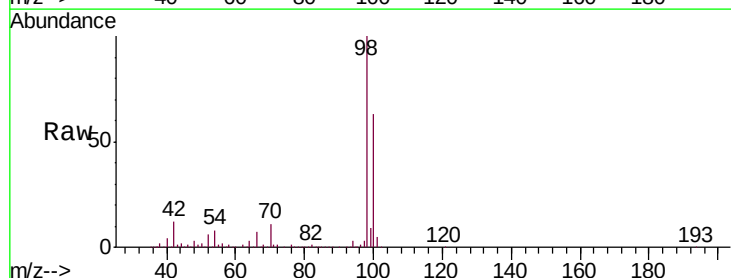


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

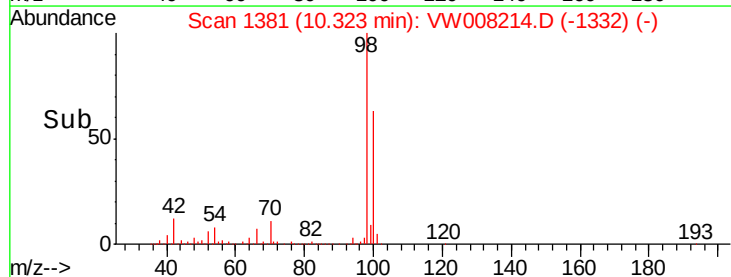
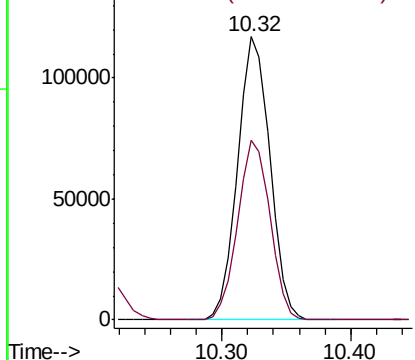


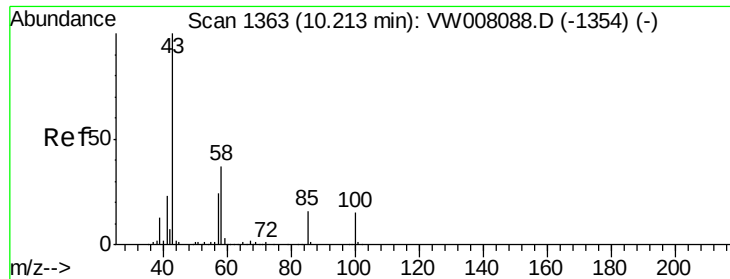
#50
Toluene-d8
Concen: 49.628 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Tgt Ion: 98 Resp: 203413
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



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

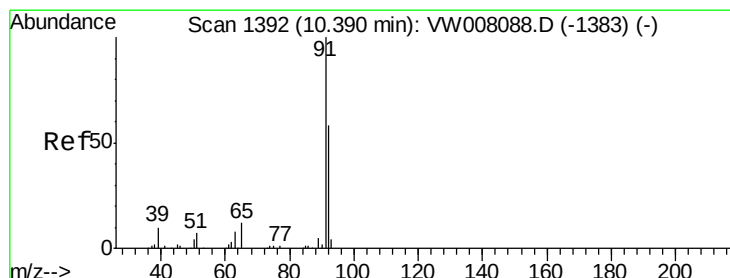
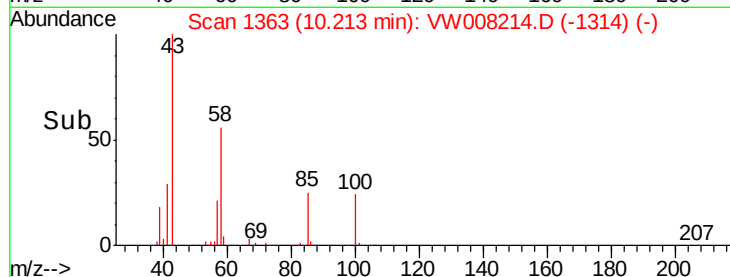
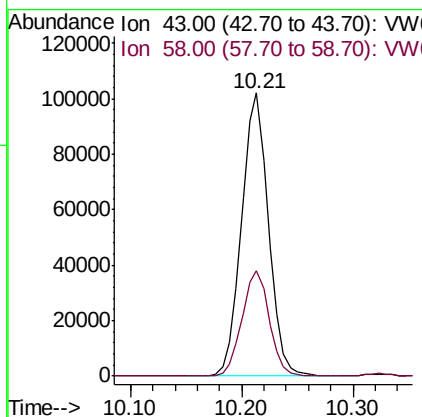
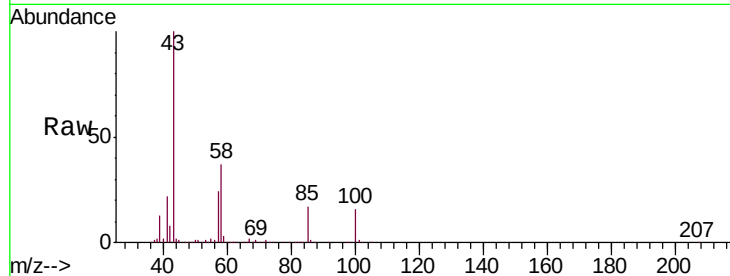




#51
 4-Methyl-2-Pentanone
 Concen: 254.680 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

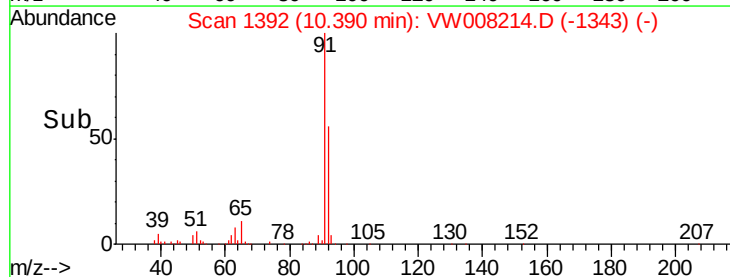
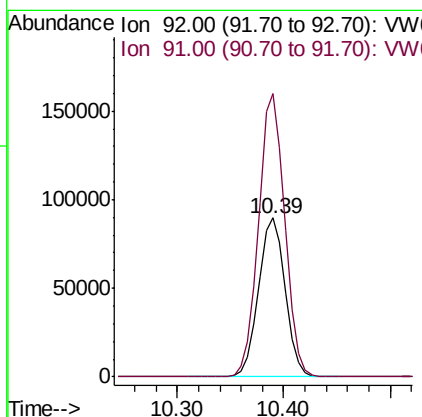
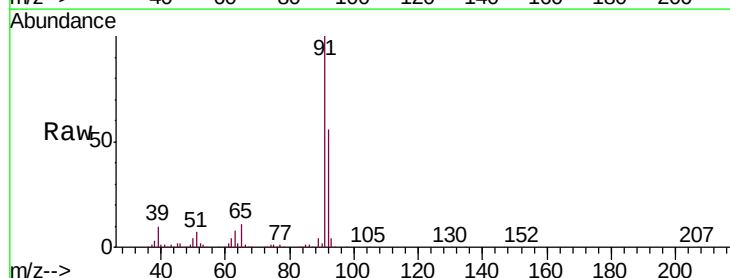
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

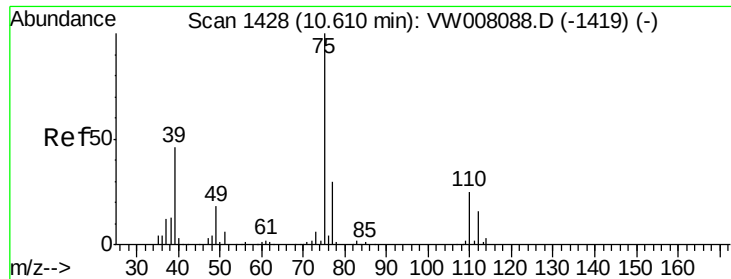
Tgt Ion: 43 Resp: 170350
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.6 46.0



#52
 Toluene
 Concen: 52.657 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

Tgt Ion: 92 Resp: 157347
 Ion Ratio Lower Upper
 92 100
 91 175.6 137.0 205.4

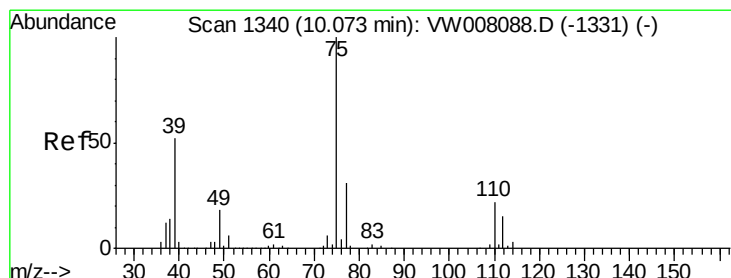
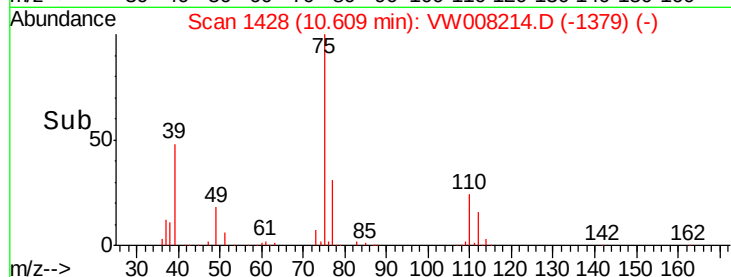
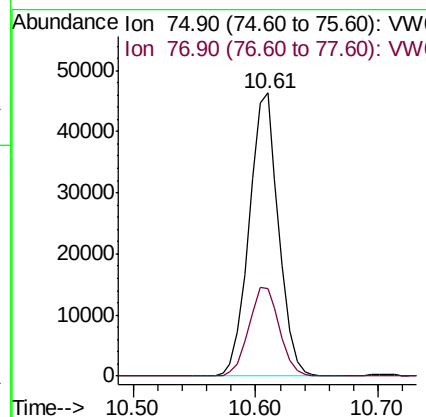
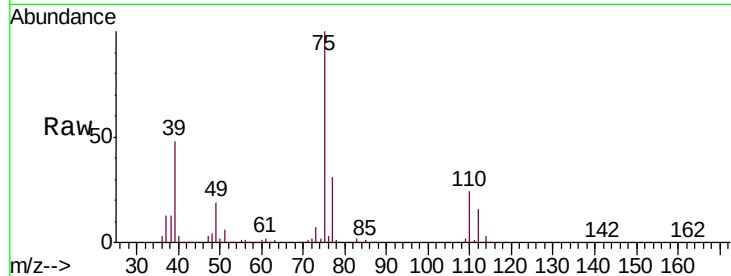




#53
t-1,3-Dichloropropene
Concen: 51.297 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

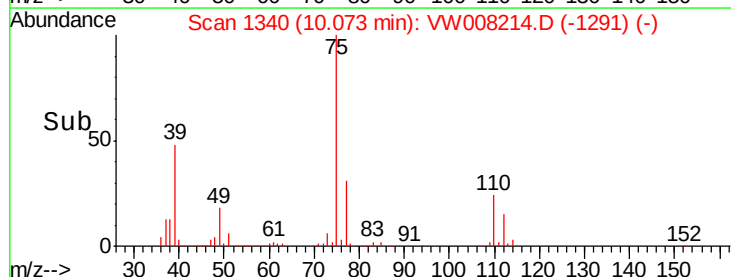
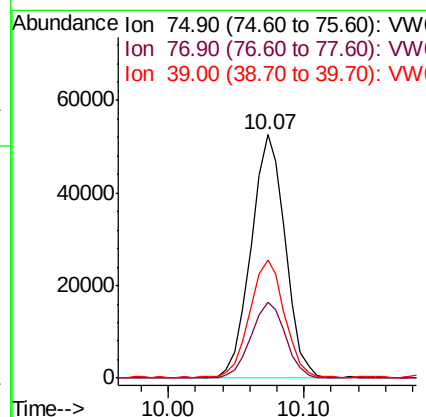
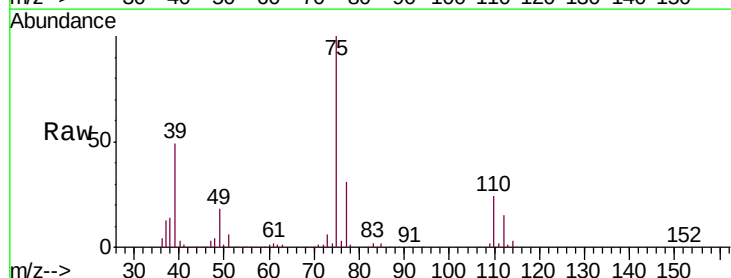
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

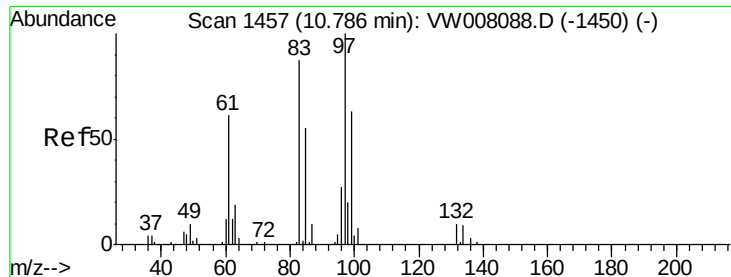
Tgt Ion: 75 Resp: 77196
Ion Ratio Lower Upper
75 100
77 31.0 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 51.889 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Tgt Ion: 75 Resp: 92596
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
39 48.3 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 54.196 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 43354

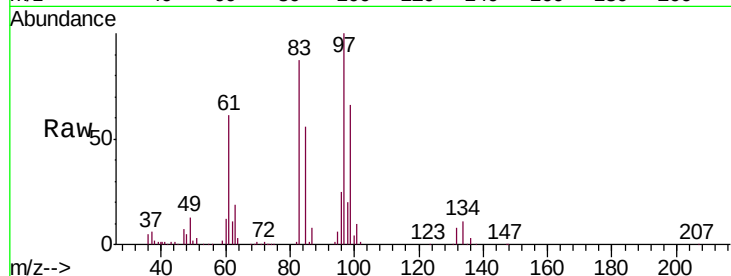
Ion Ratio Lower Upper

97 100

83 86.9 69.3 103.9

85 56.1 43.8 65.6

99 65.9 50.0 75.0



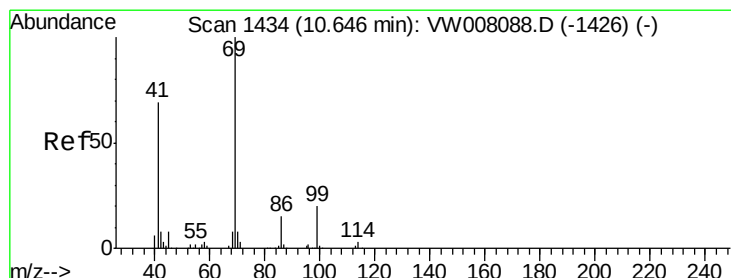
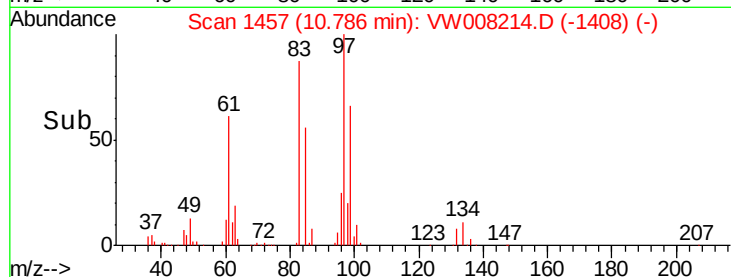
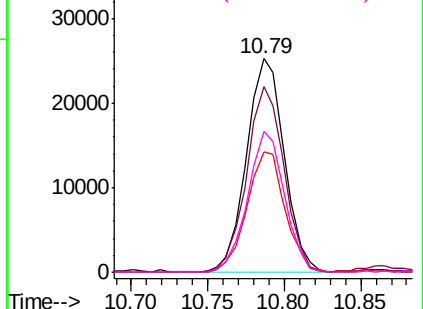
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 53.675 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

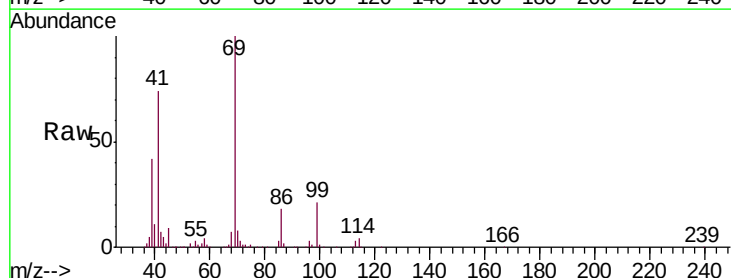
Tgt Ion: 69 Resp: 53174

Ion Ratio Lower Upper

69 100

41 70.2 56.4 84.6

39 36.5 28.1 42.1

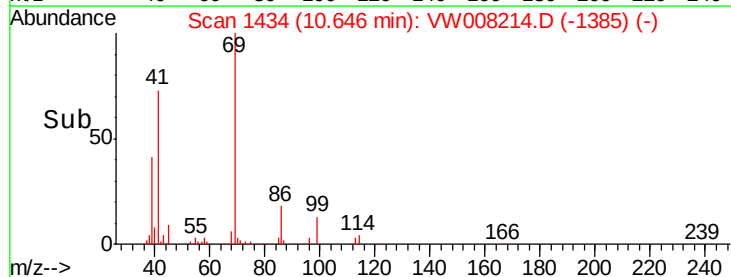
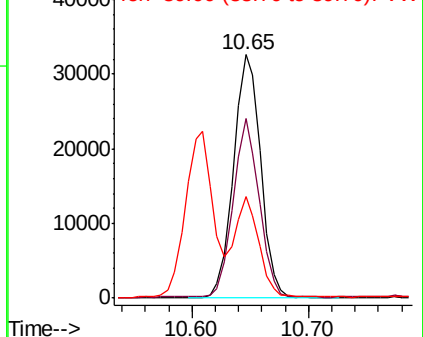


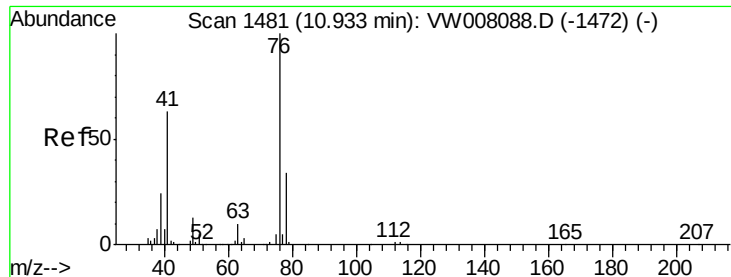
Abundance

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

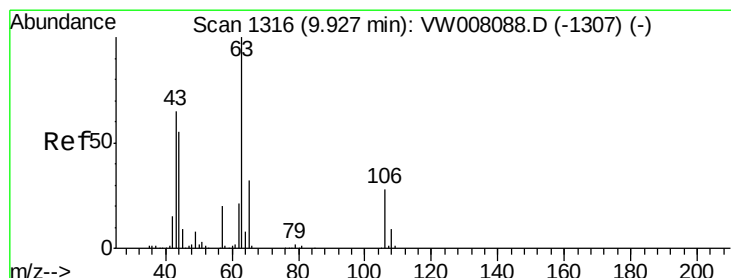
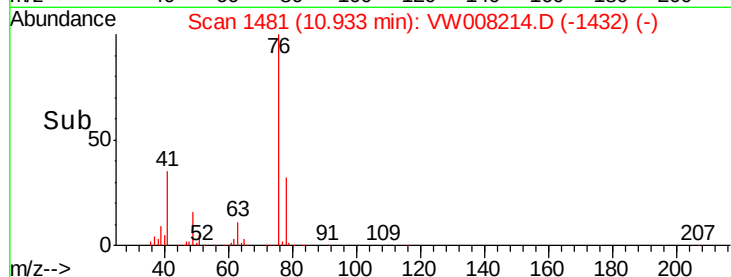
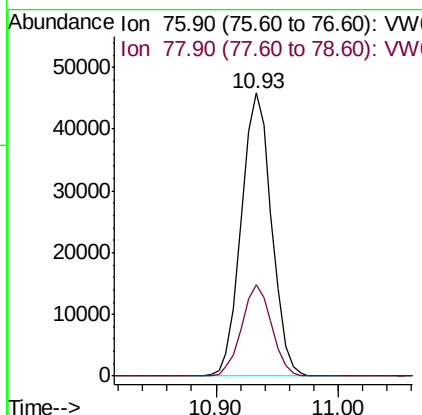
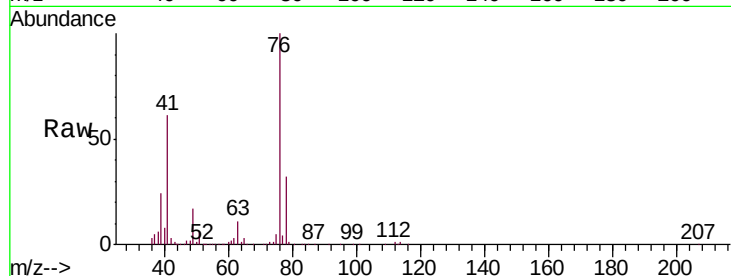




#57
 1,3-Dichloropropane
 Concen: 53.783 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

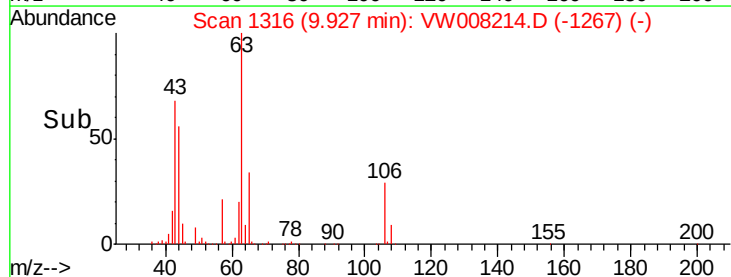
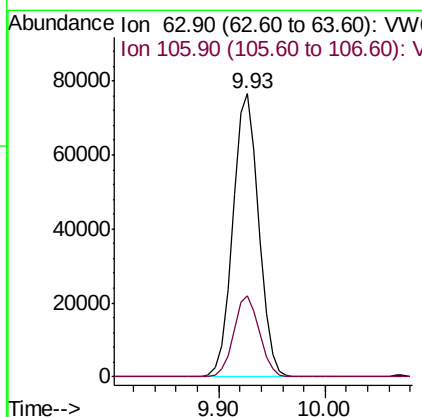
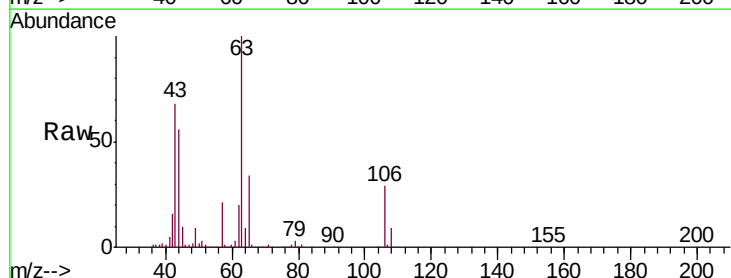
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

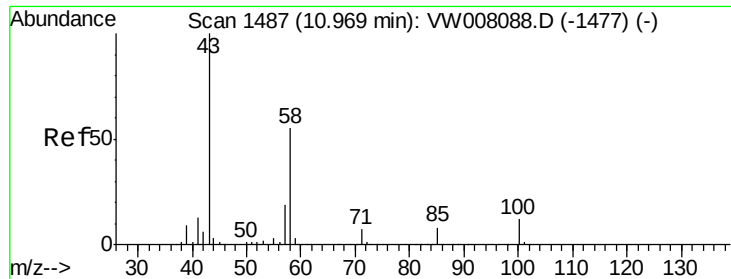
Tgt Ion: 76 Resp: 78685
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.721 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

Tgt Ion: 63 Resp: 130349
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.6

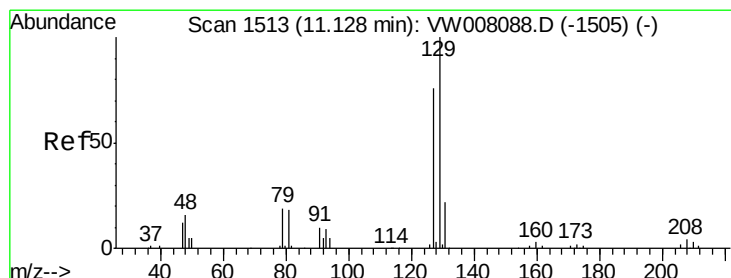
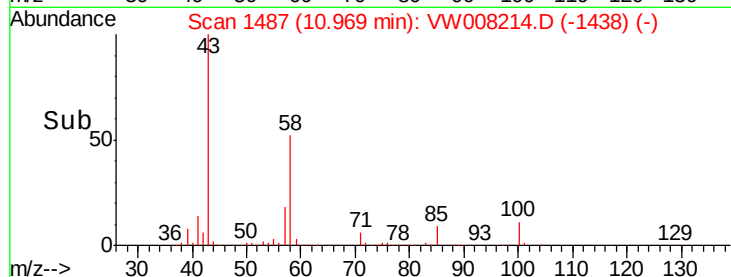
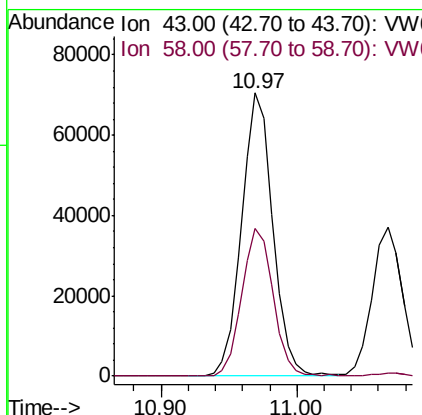
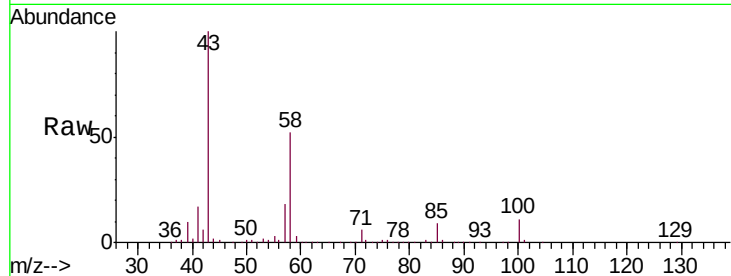




#59
2-Hexanone
Concen: 249.408 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

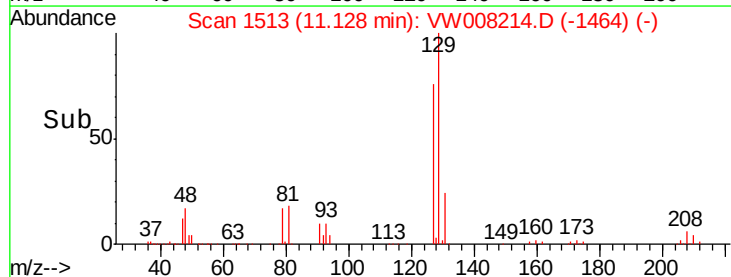
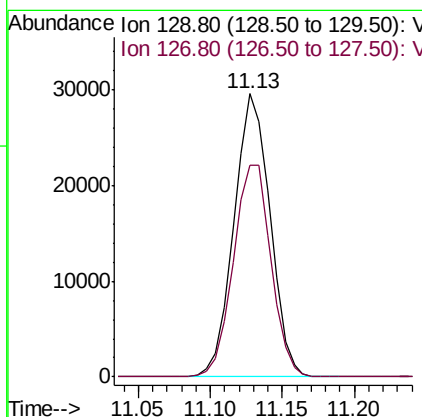
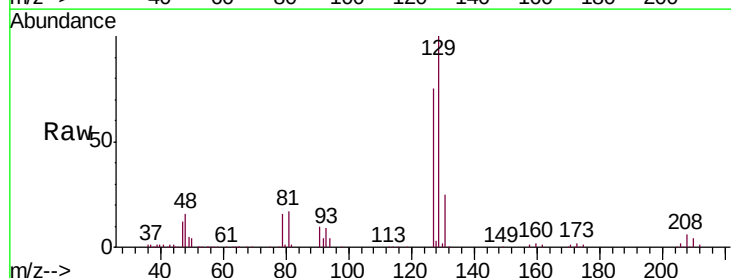
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

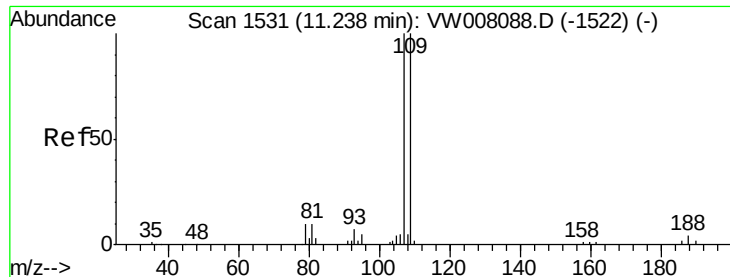
Tgt Ion: 43 Resp: 112814
Ion Ratio Lower Upper
43 100
58 52.8 27.2 81.5



#60
Dibromochloromethane
Concen: 58.824 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Tgt Ion: 129 Resp: 51673
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6

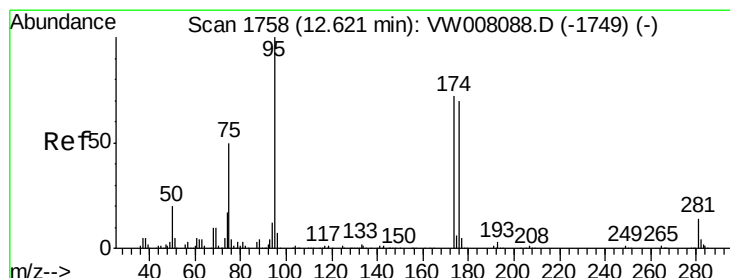
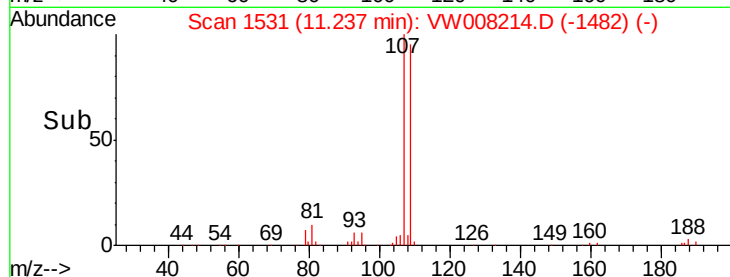
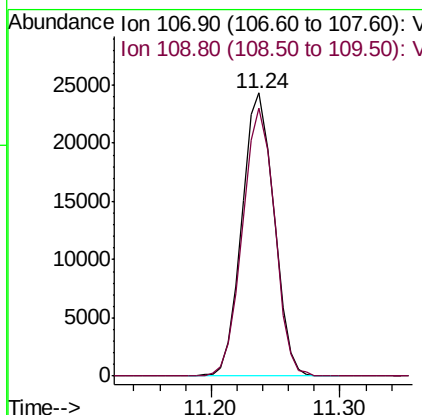
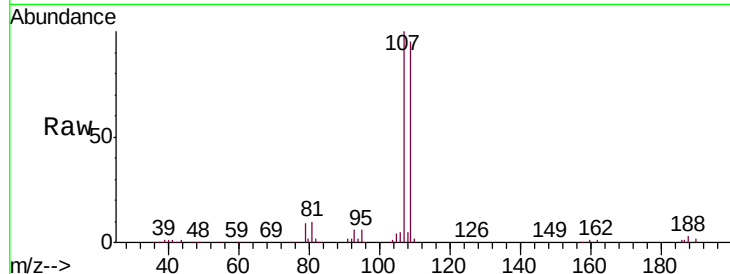




#61
 1,2-Dibromoethane
 Concen: 55.201 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

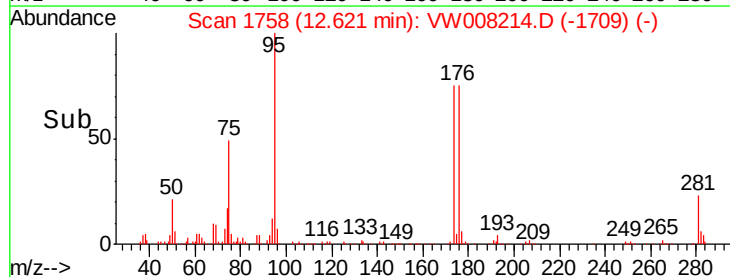
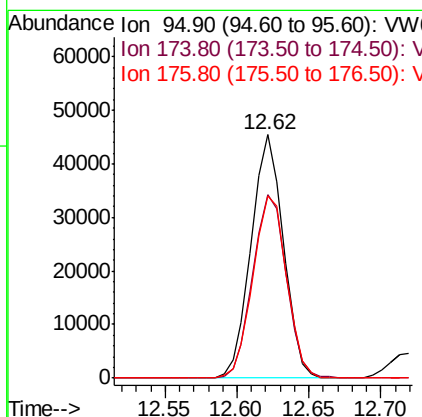
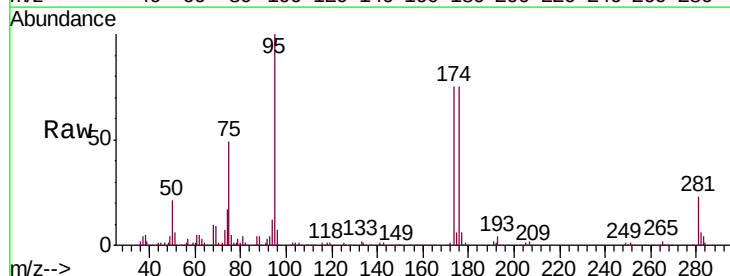
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

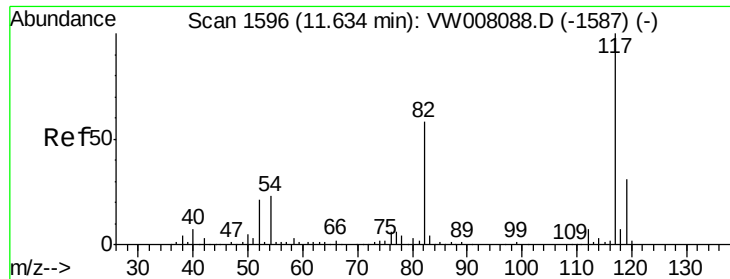
Tgt Ion: 107 Resp: 41900
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 47.954 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

Tgt Ion: 95 Resp: 70464
 Ion Ratio Lower Upper
 95 100
 174 78.5 0.0 143.0
 176 78.2 0.0 140.2

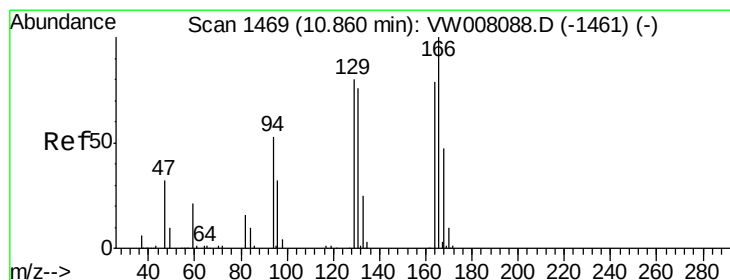
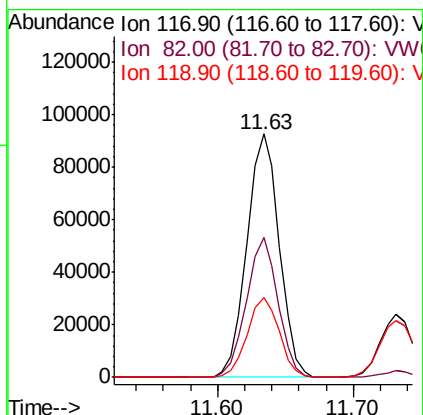
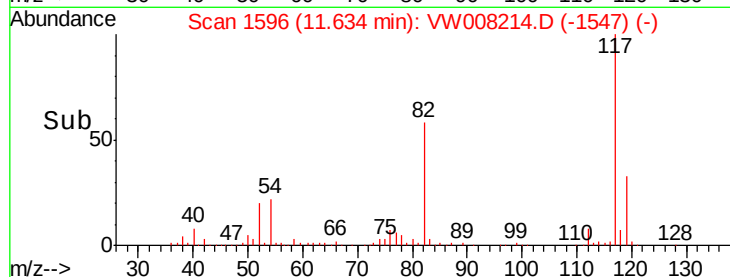
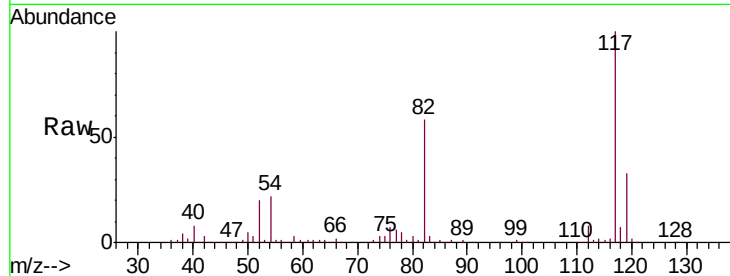




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

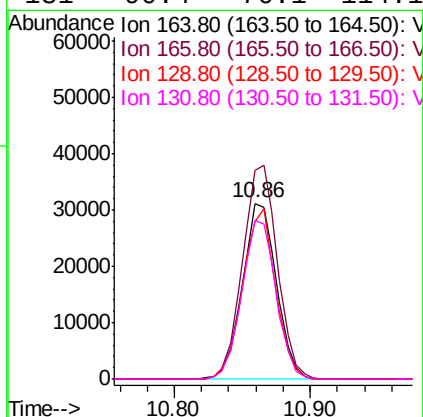
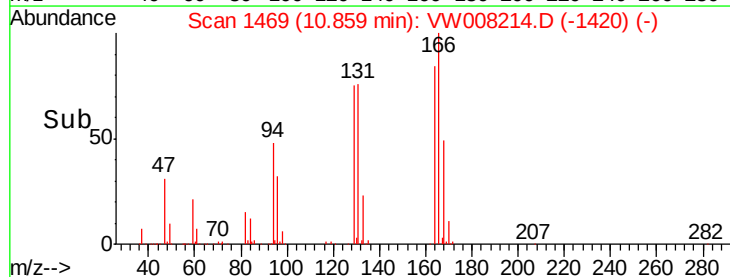
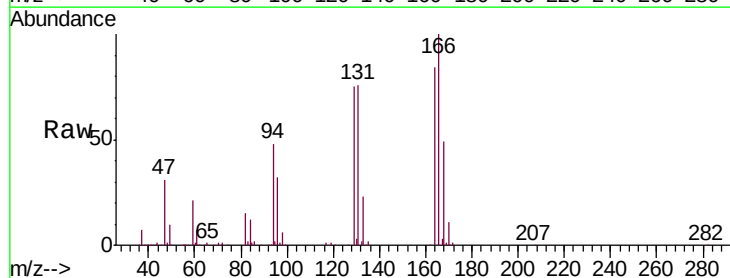
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

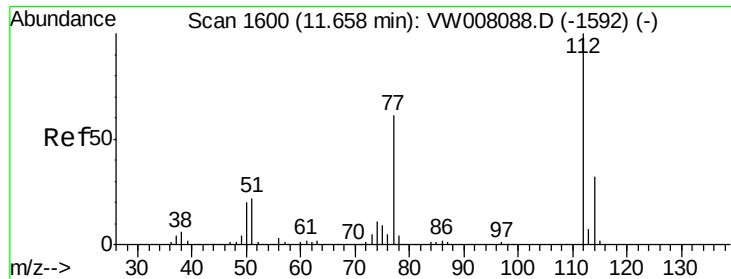
Tgt Ion:117 Resp: 154635
Ion Ratio Lower Upper
117 100
82 57.7 46.4 69.6
119 32.7 24.7 37.1



#64
Tetrachloroethene
Concen: 54.241 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Tgt Ion:164 Resp: 54586
Ion Ratio Lower Upper
164 100
166 118.6 100.7 151.1
129 89.5 81.0 121.4
131 90.4 76.1 114.1

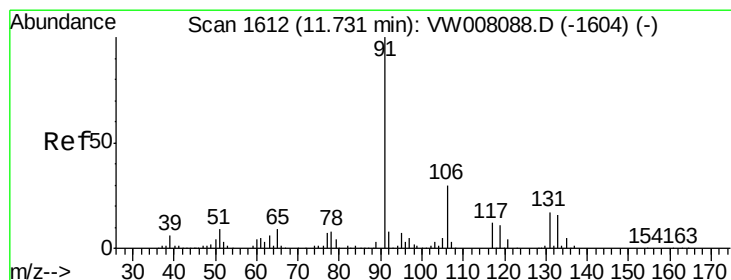
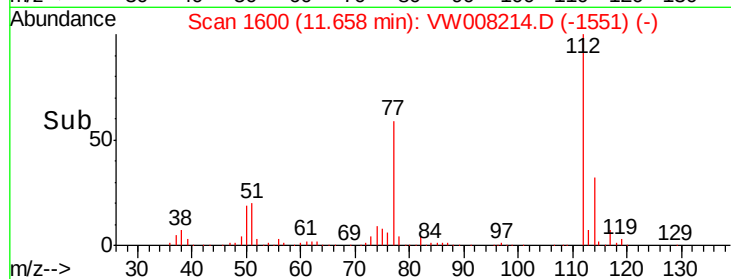
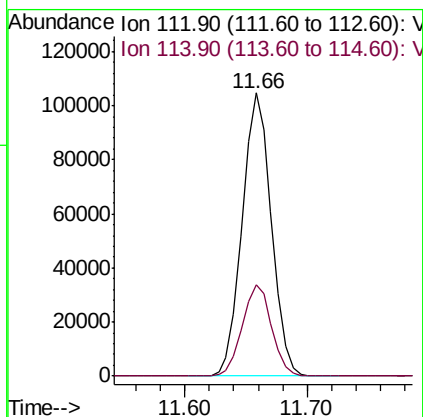
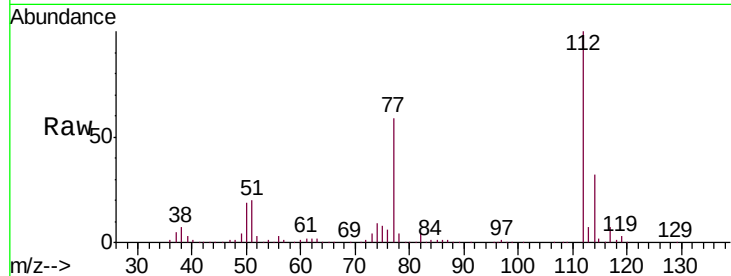




#65
Chlorobenzene
Concen: 52.701 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

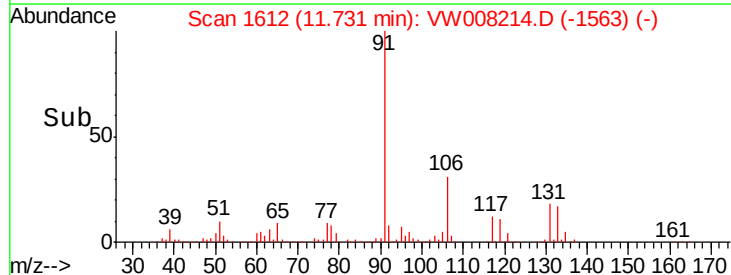
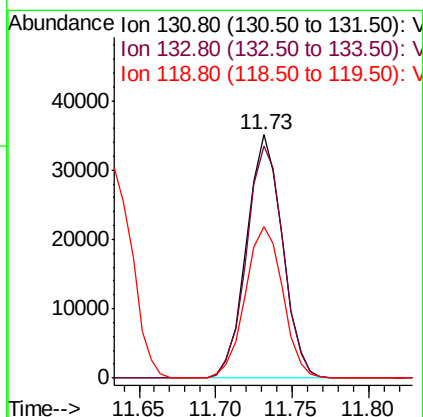
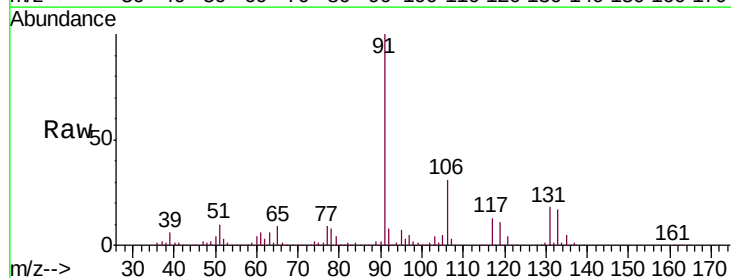
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

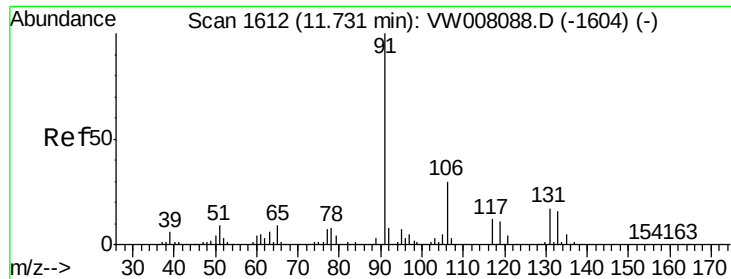
Tgt Ion:112 Resp: 172652
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.840 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Tgt Ion:131 Resp: 57369
Ion Ratio Lower Upper
131 100
133 97.7 47.9 143.7
119 65.1 32.5 97.4

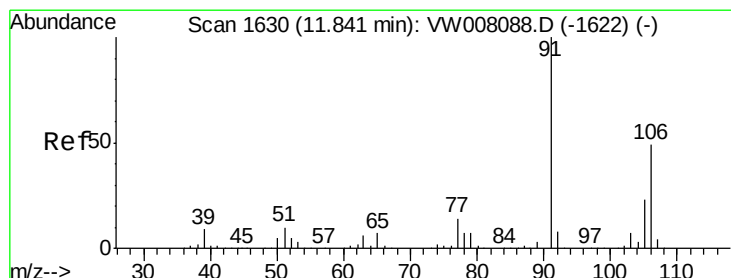
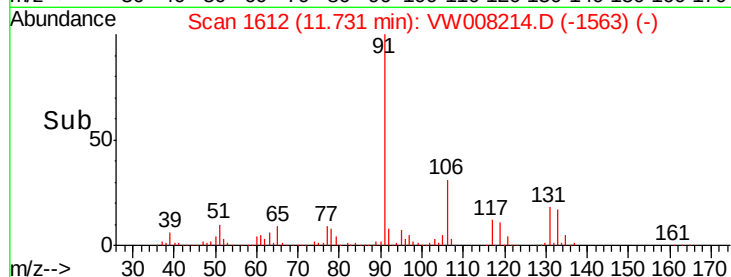
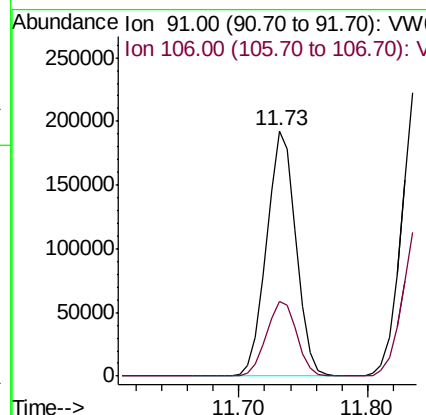
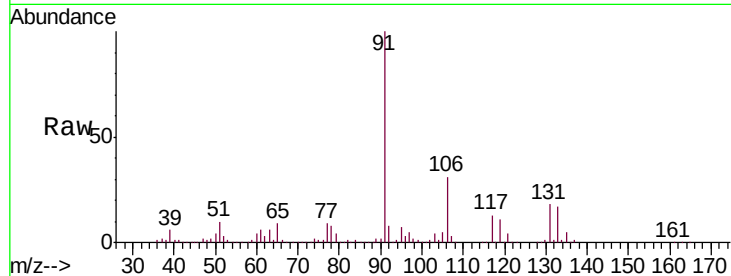




#67
Ethyl Benzene
Concen: 50.616 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

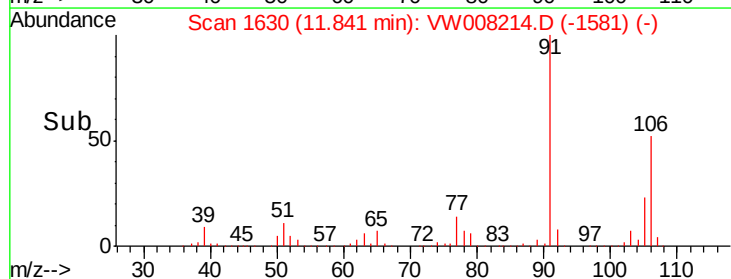
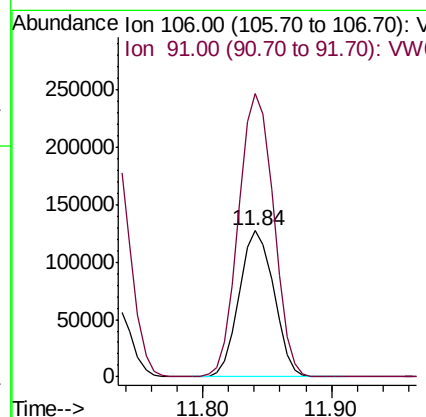
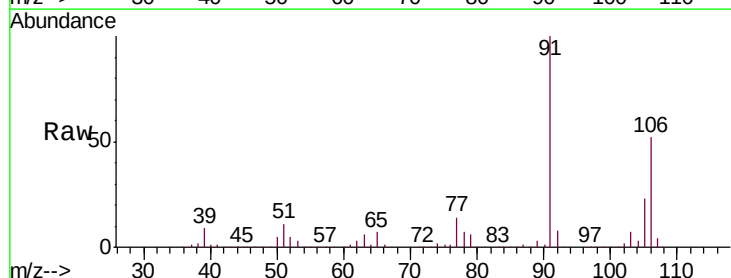
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

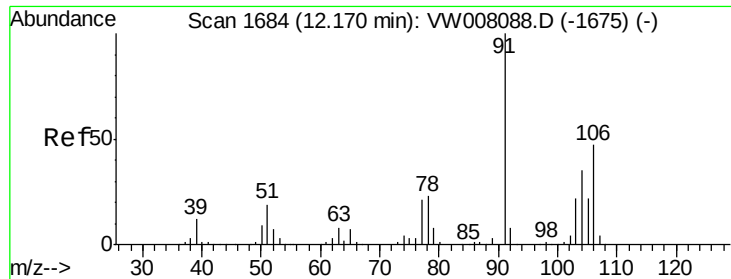
Tgt Ion: 91 Resp: 303405
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4



#68
m/p-Xylenes
Concen: 104.097 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Tgt Ion: 106 Resp: 238168
Ion Ratio Lower Upper
106 100
91 195.9 162.4 243.6

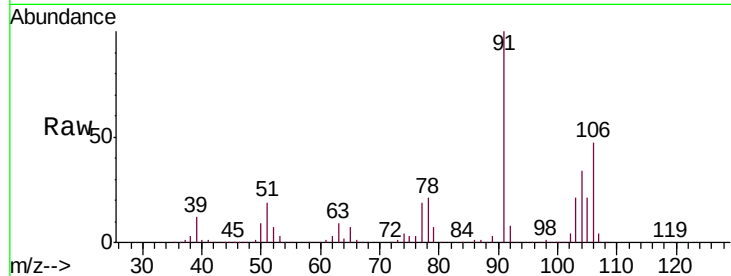




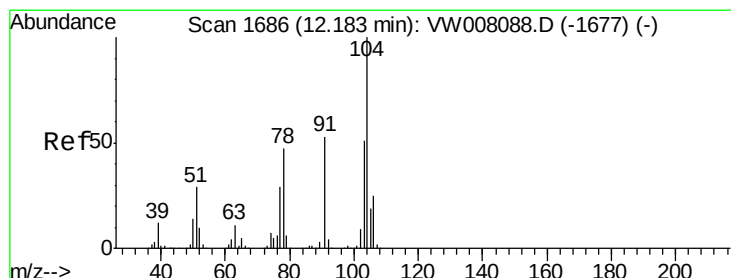
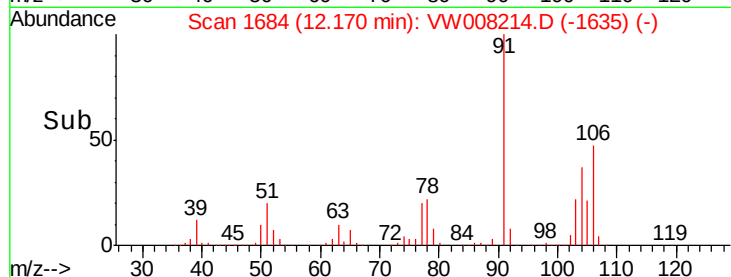
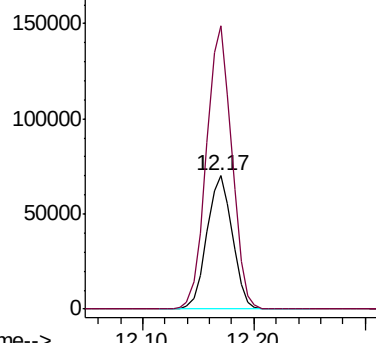
#69
o-Xylene
Concen: 52.251 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 110706
Ion Ratio Lower Upper
106 100
91 211.5 107.8 323.6

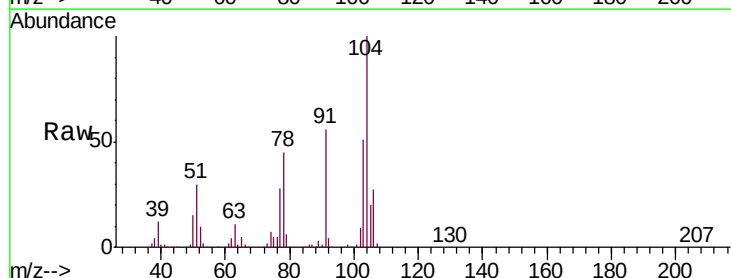


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

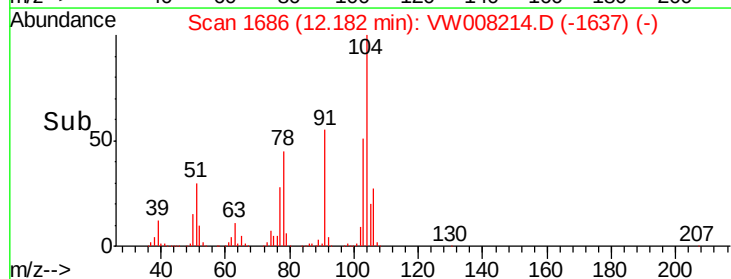
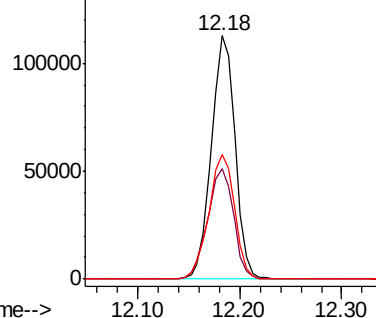


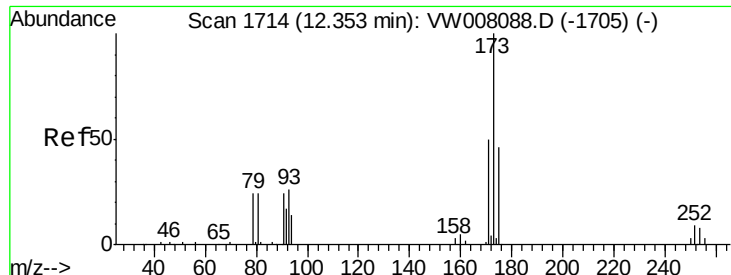
#70
Styrene
Concen: 54.713 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Tgt Ion:104 Resp: 181572
Ion Ratio Lower Upper
104 100
78 49.7 41.8 62.8
103 55.5 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 58.148 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

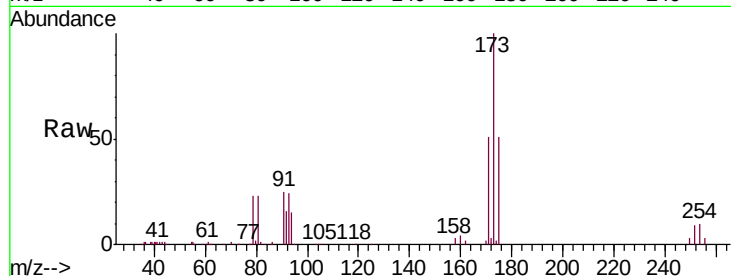
Tgt Ion:173 Resp: 27730

Ion Ratio Lower Upper

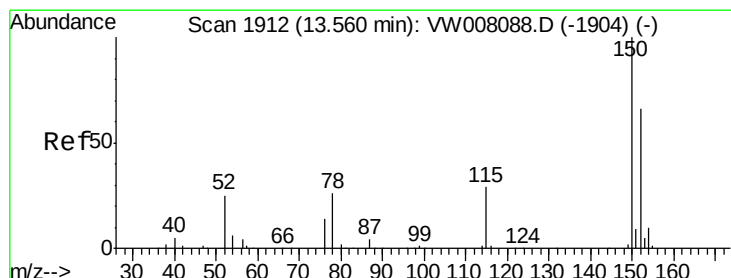
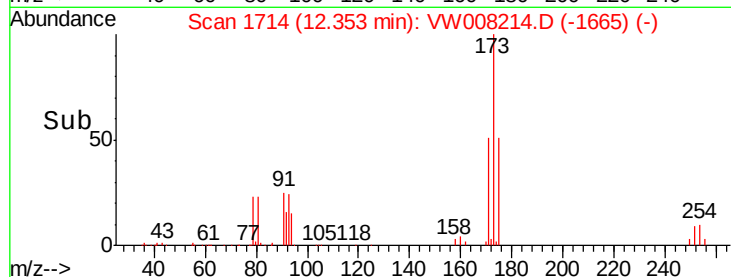
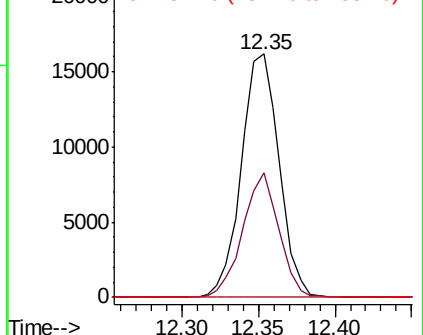
173 100

175 48.9 23.3 69.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

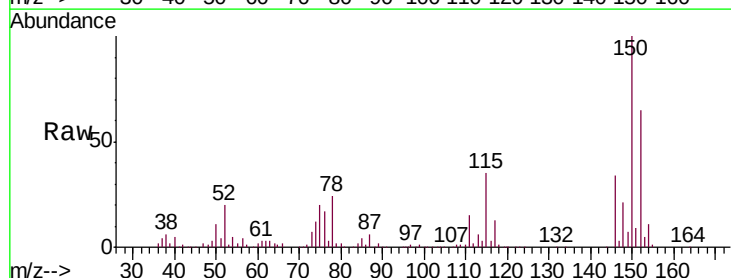
Tgt Ion:152 Resp: 75685

Ion Ratio Lower Upper

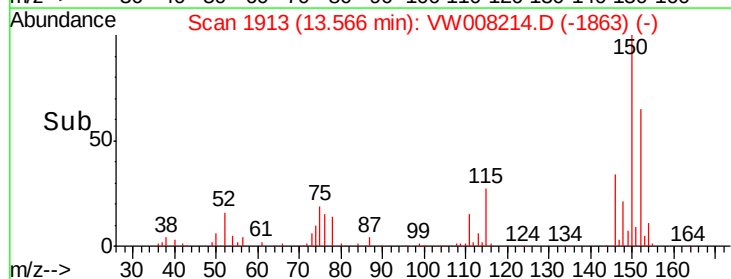
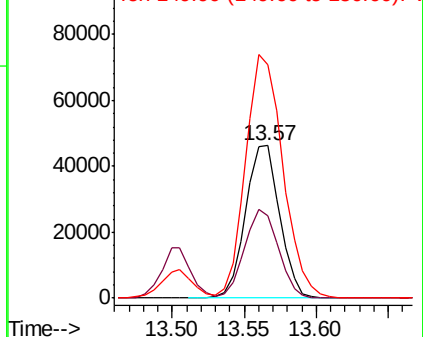
152 100

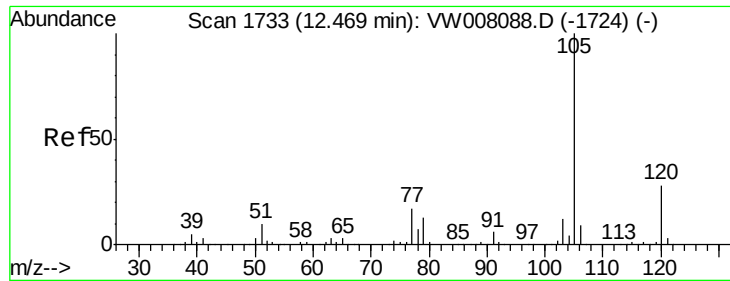
115 57.7 30.8 92.4

150 175.2 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.534 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

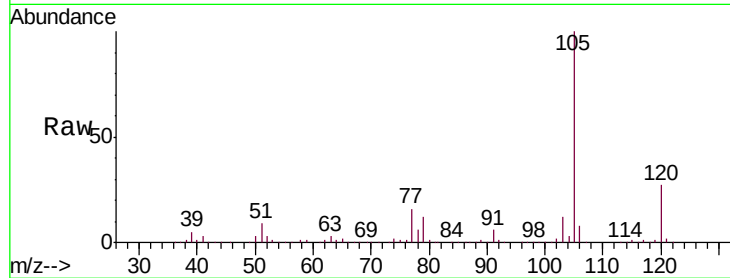
VSTDCCC050

Tgt Ion: 105 Resp: 300270

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

200000

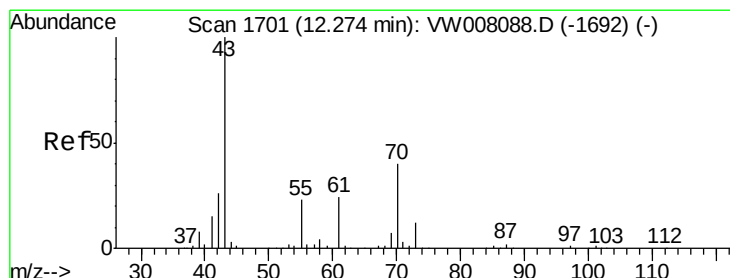
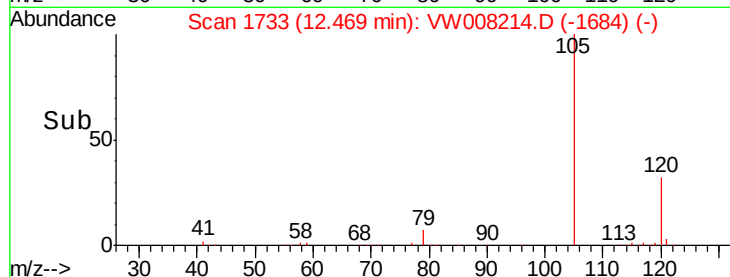
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 47.712 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Tgt Ion: 43 Resp: 62783

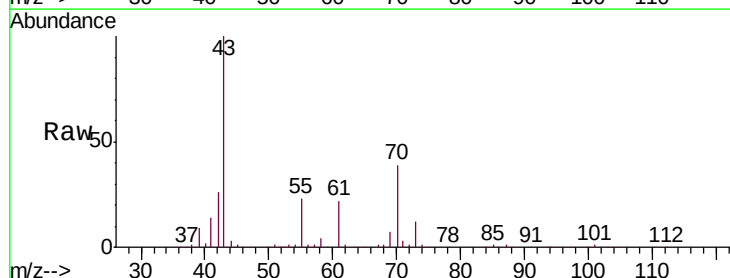
Ion Ratio Lower Upper

43 100

70 42.4 32.4 48.6

55 25.1 18.7 28.1

61 24.3 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.27

60000

50000

40000

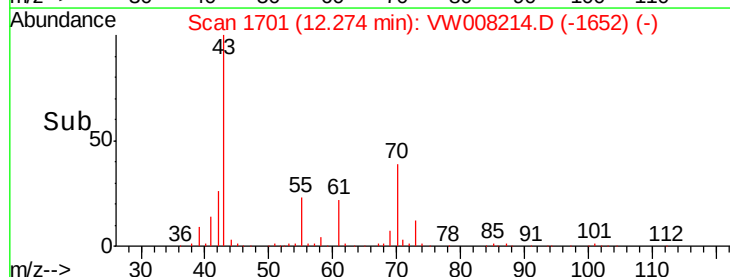
30000

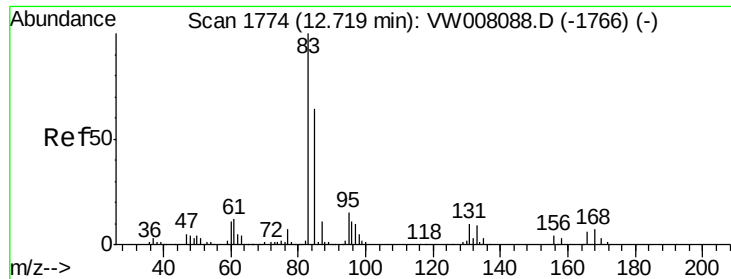
20000

10000

0

Time-->

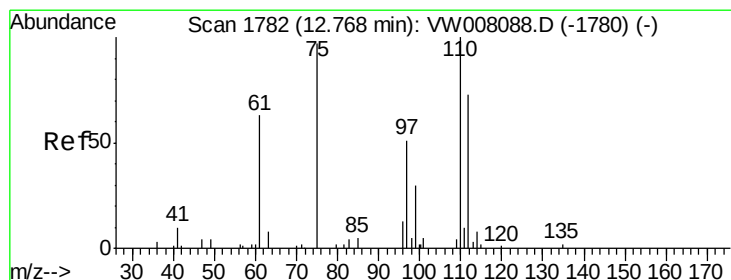
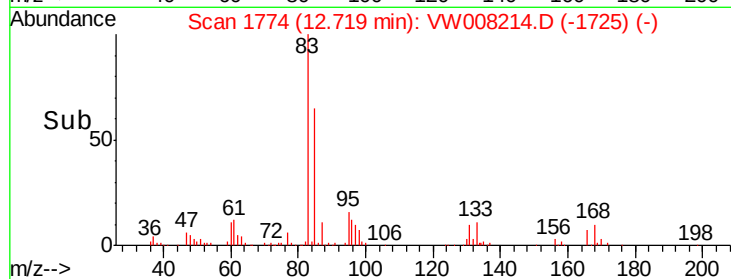
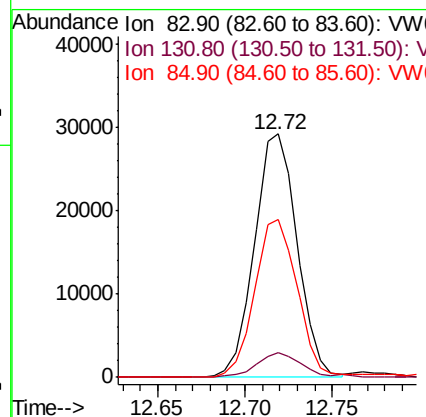
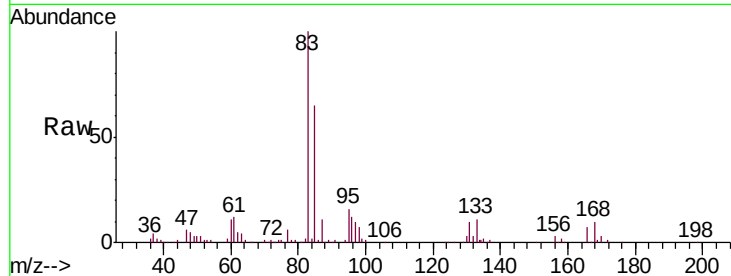




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.038 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

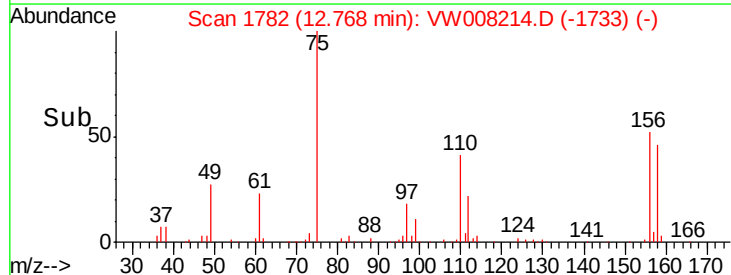
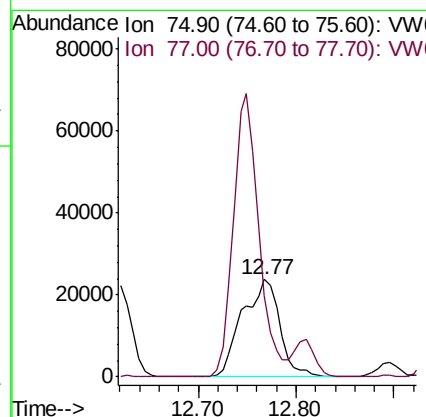
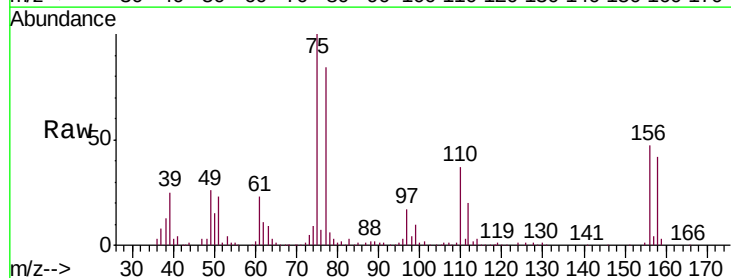
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

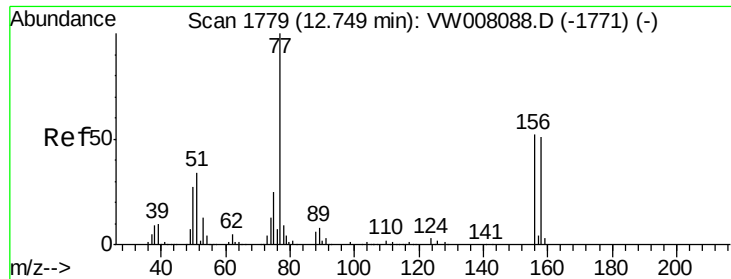
Tgt Ion: 83 Resp: 49493
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.3 16.1
 85 64.8 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 91.759 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

Tgt Ion: 75 Resp: 63309
 Ion Ratio Lower Upper
 75 100
 77 198.7 179.4 538.2





#77

Bromobenzene

Concen: 53.226 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

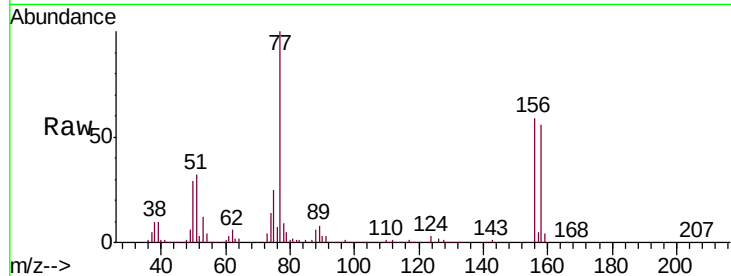
Tgt Ion:156 Resp: 66827

Ion Ratio Lower Upper

156 100

77 188.2 104.2 312.5

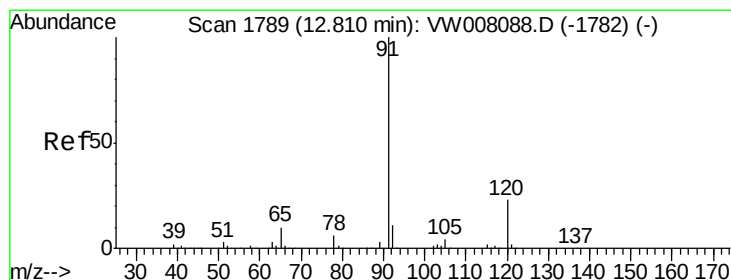
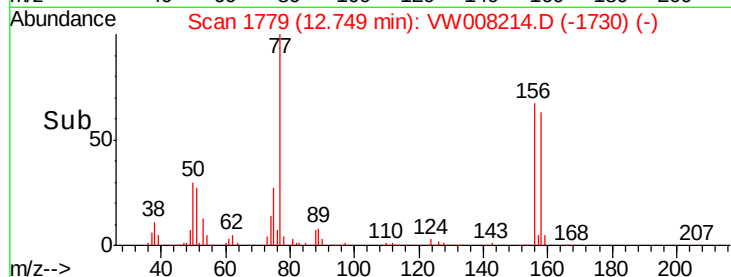
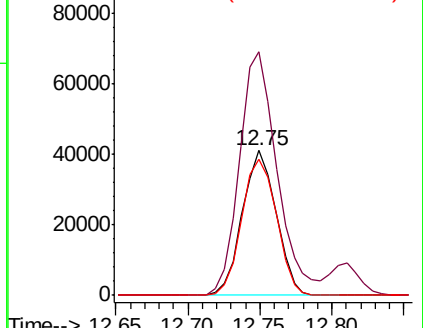
158 97.0 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.741 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008214.D

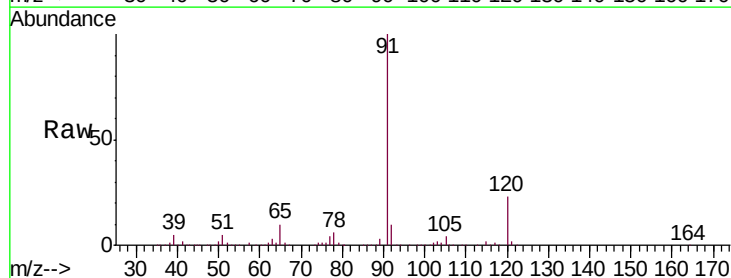
Acq: 12 Jan 2019 01:25

Tgt Ion: 91 Resp: 362146

Ion Ratio Lower Upper

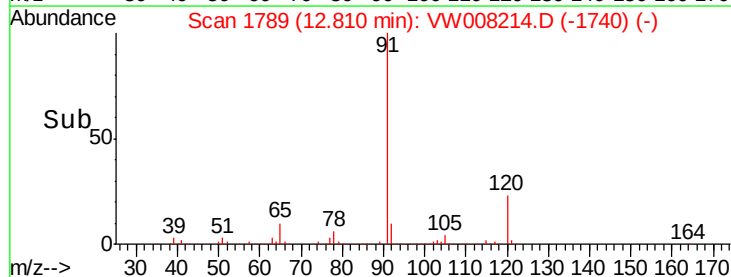
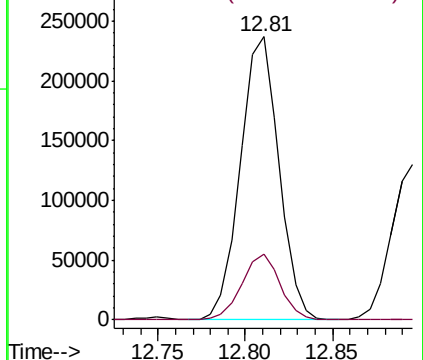
91 100

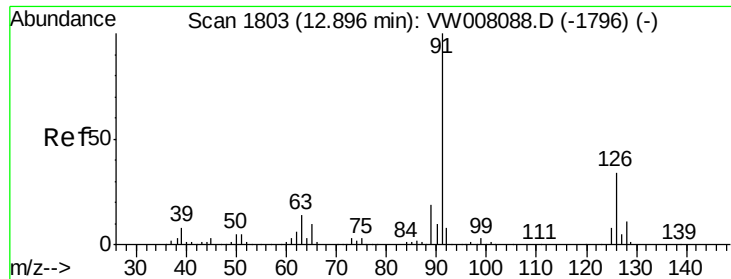
120 23.1 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

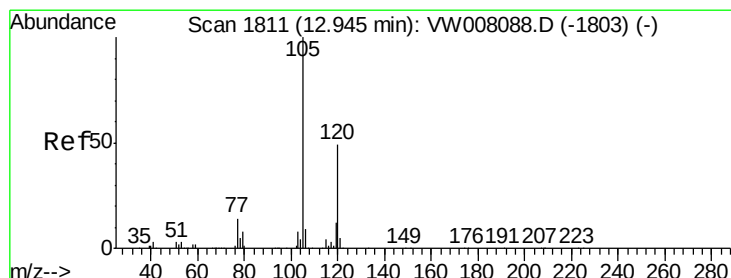
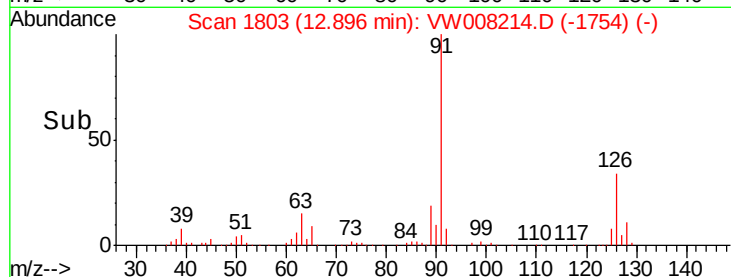
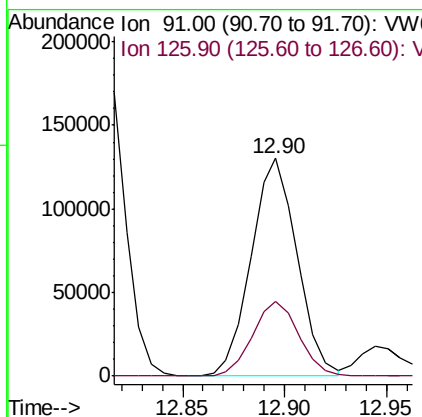
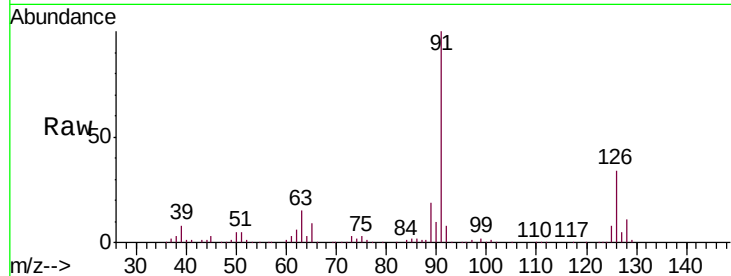




#79
 2-Chlorotoluene
 Concen: 50.153 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

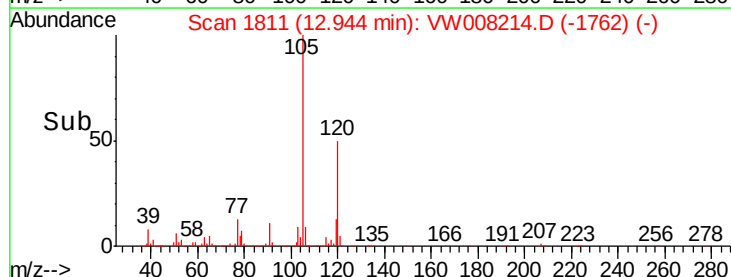
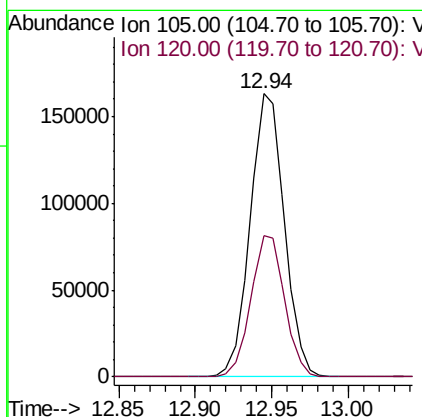
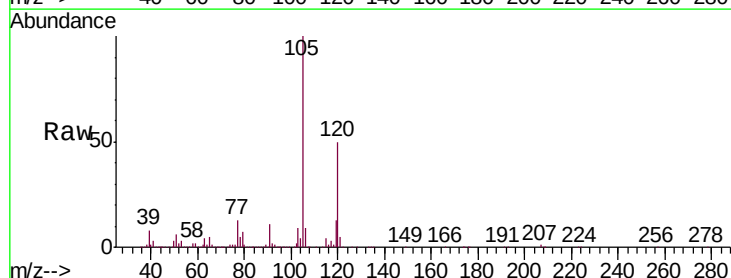
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

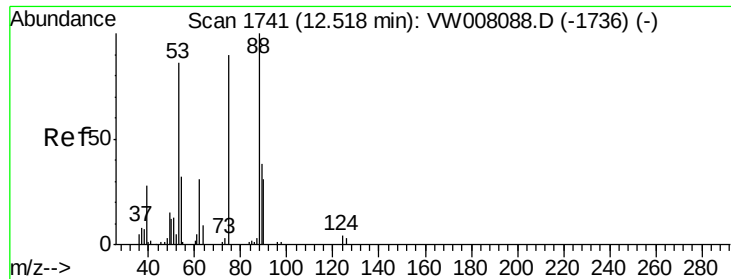
Tgt Ion: 91 Resp: 203718
 Ion Ratio Lower Upper
 91 100
 126 34.6 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.759 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

Tgt Ion: 105 Resp: 252731
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.7 74.1

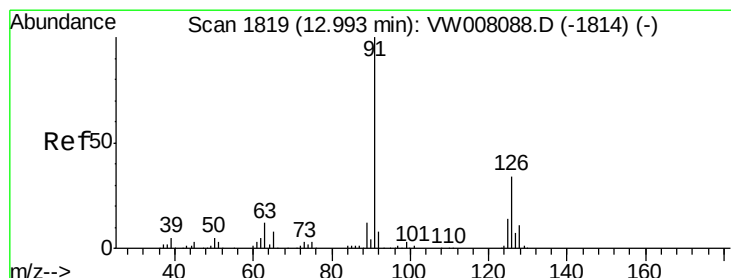
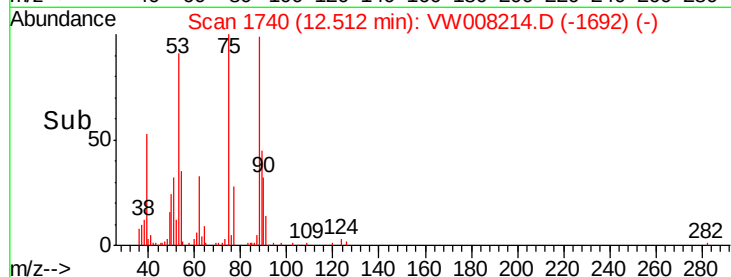
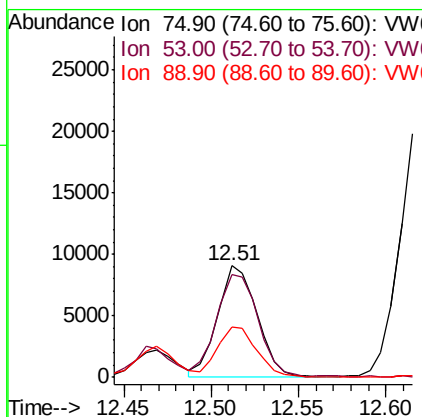
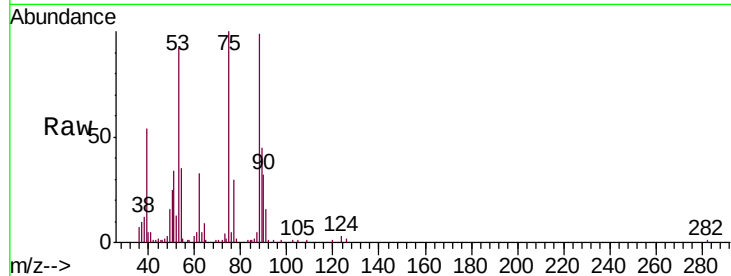




#81
trans-1,4-Dichloro-2-butene
Concen: 47.370 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

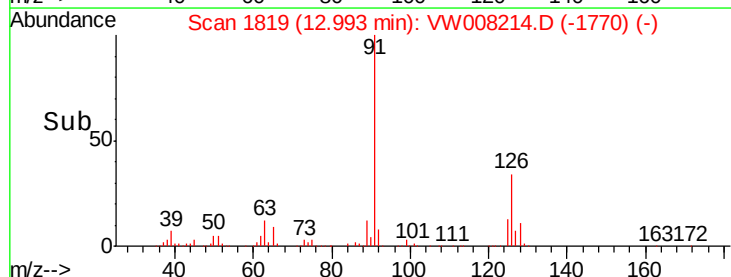
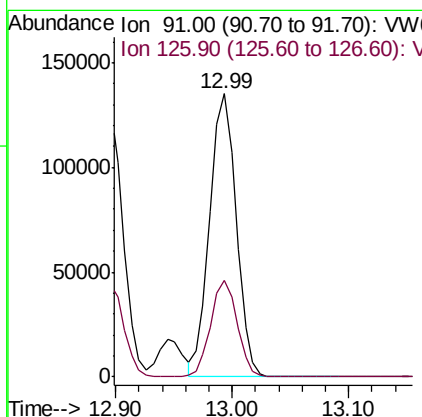
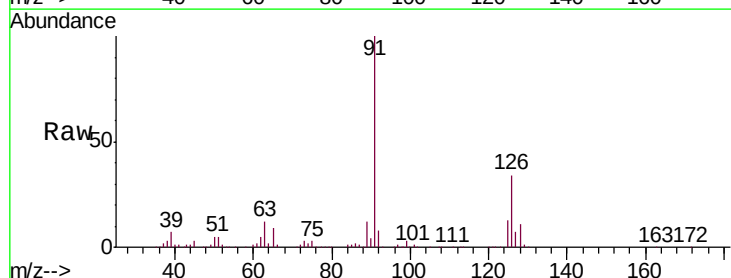
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

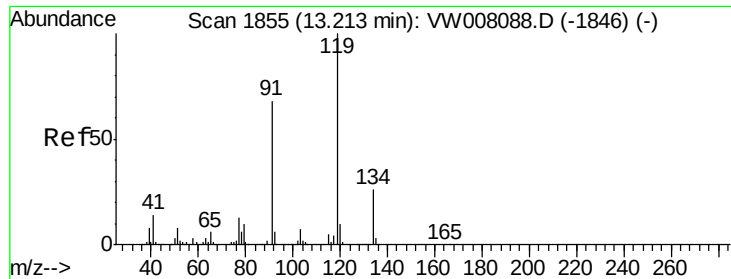
Tgt Ion: 75 Resp: 14035
Ion Ratio Lower Upper
75 100
53 97.4 78.8 118.2
89 44.8 35.4 53.2



#82
4-Chlorotoluene
Concen: 49.830 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Tgt Ion: 91 Resp: 213171
Ion Ratio Lower Upper
91 100
126 34.1 16.5 49.5

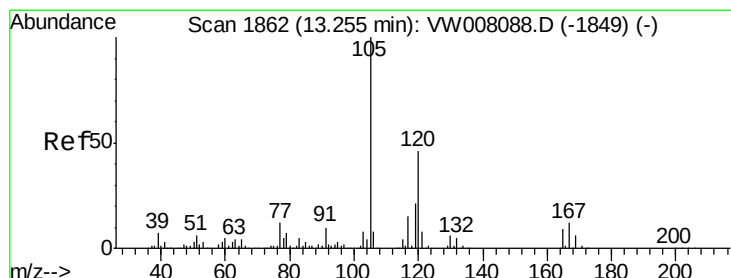
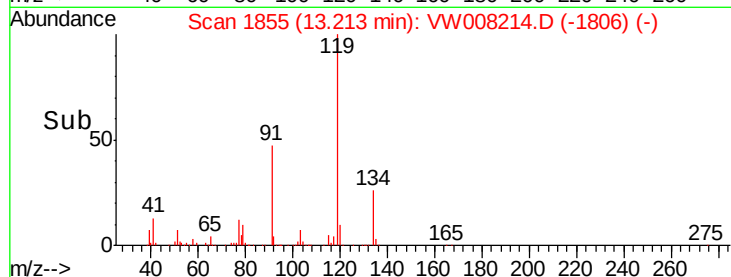
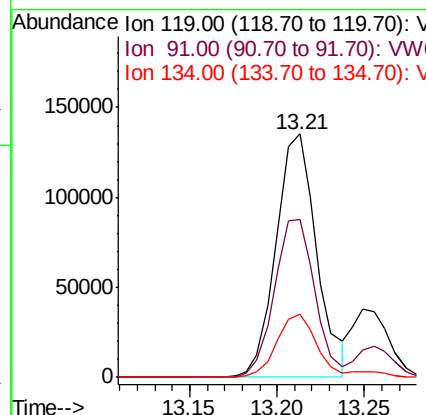
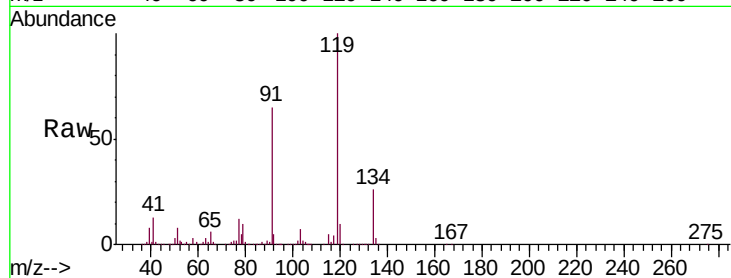




#83
 tert-Butylbenzene
 Concen: 50.832 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

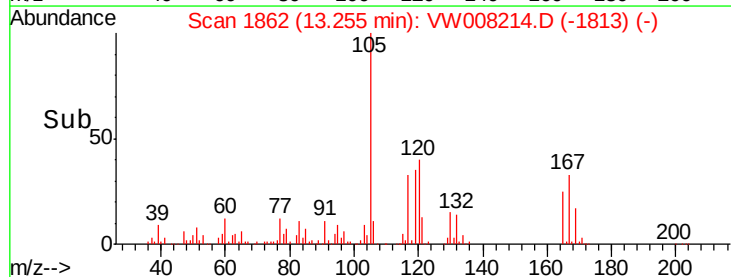
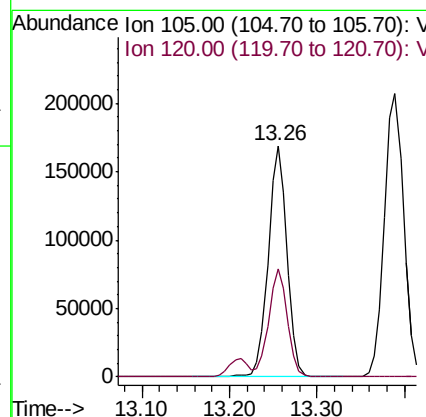
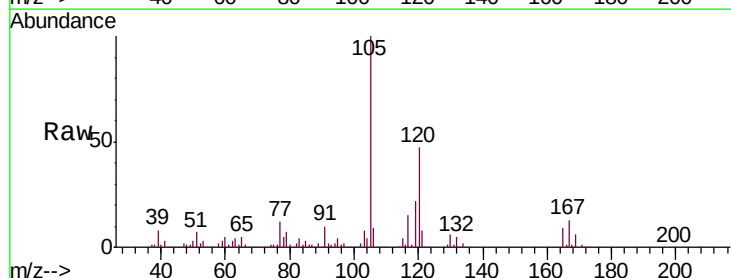
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

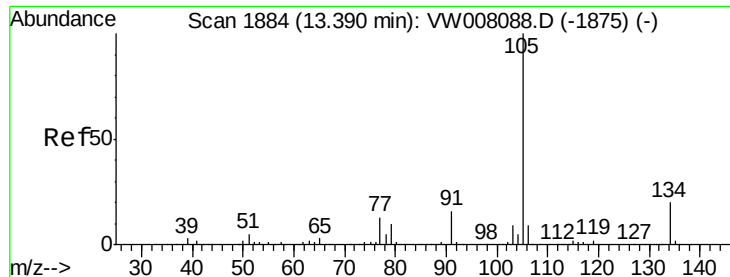
Tgt Ion:119 Resp: 219586
 Ion Ratio Lower Upper
 119 100
 91 64.5 33.9 101.6
 134 27.1 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 50.529 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

Tgt Ion:105 Resp: 254469
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 49.951 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

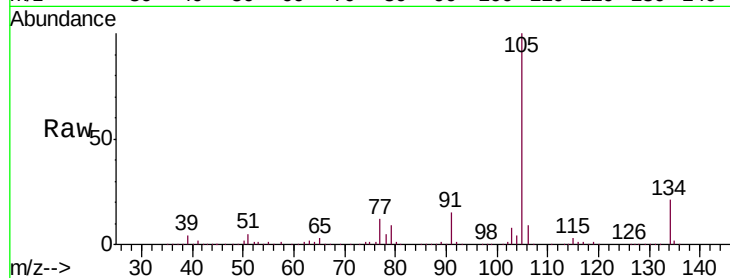
VSTDCCC050

Tgt Ion:105 Resp: 316087

Ion Ratio Lower Upper

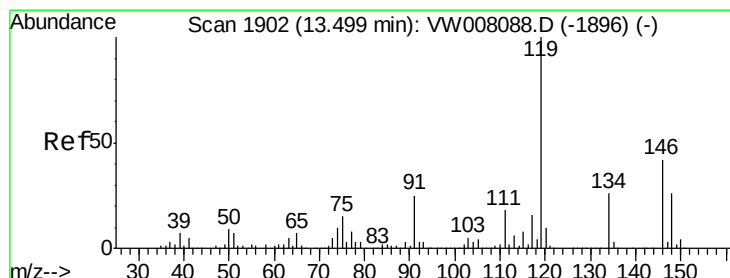
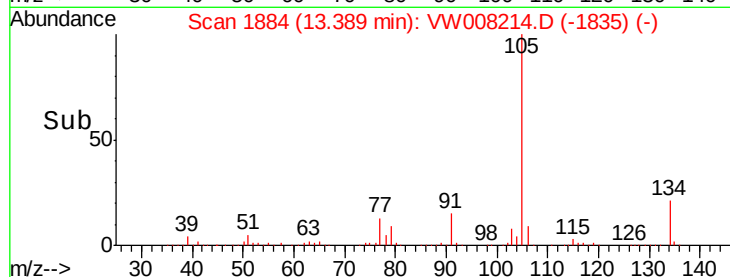
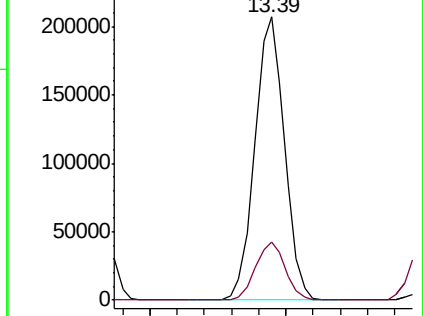
105 100

134 20.5 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.222 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

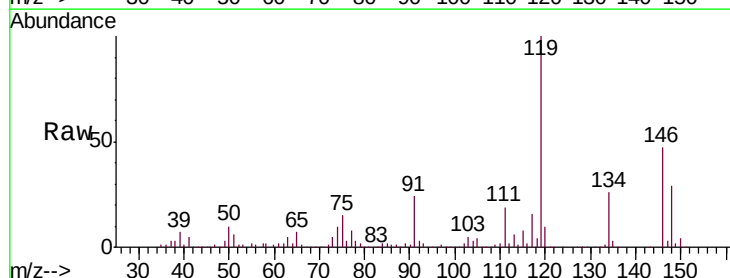
Tgt Ion:119 Resp: 274431

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

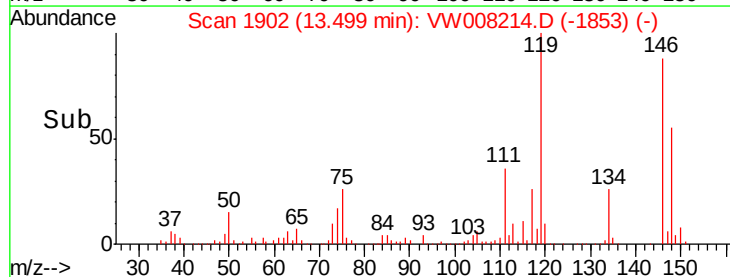
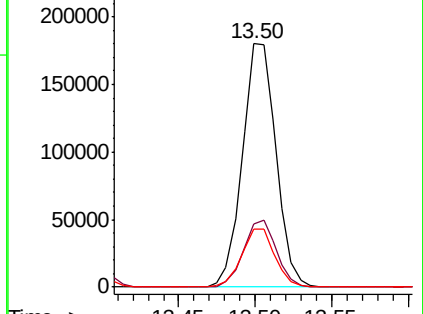
91 23.4 12.3 36.9

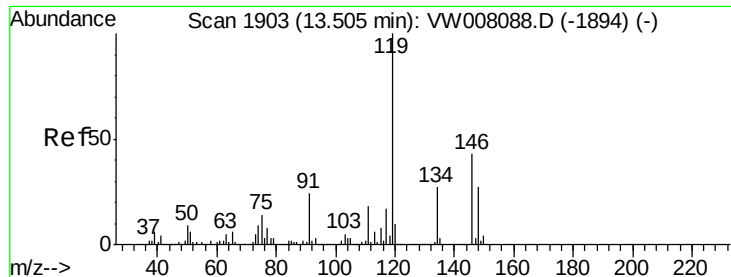


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 53.847 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

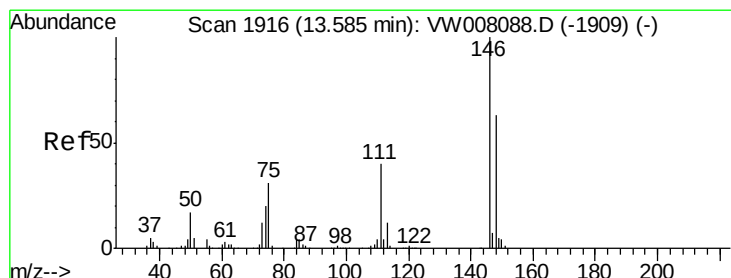
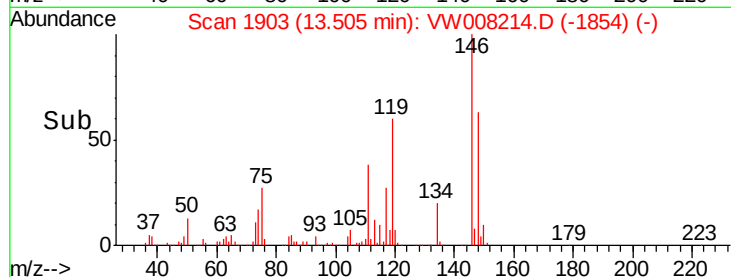
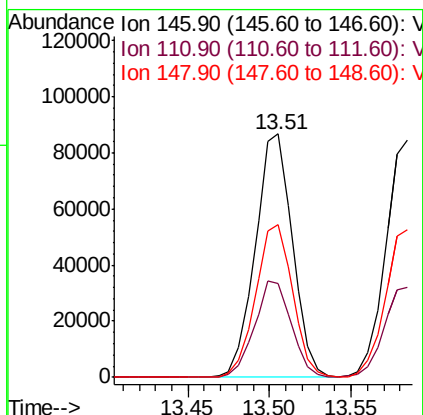
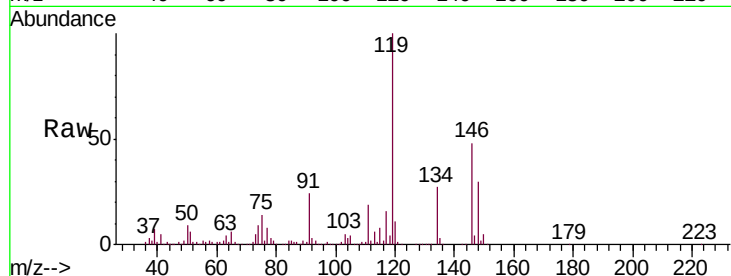
Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 137141

Ion	Ratio	Lower	Upper
146	100		
111	39.4	21.1	63.1
148	62.7	31.3	93.9



#88

1,4-Dichlorobenzene

Concen: 52.510 ug/l

RT: 13.58 min Scan# 1916

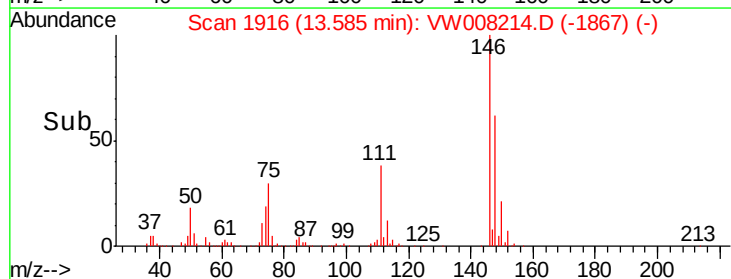
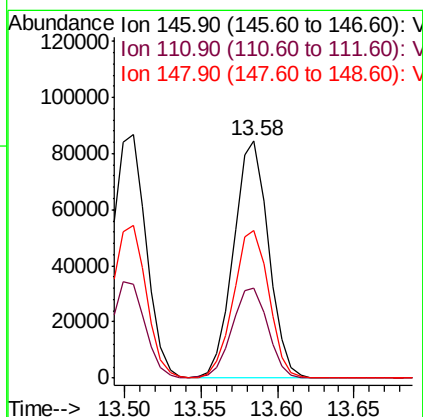
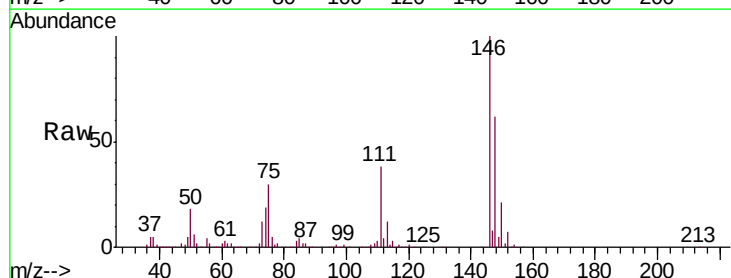
Delta R.T. -0.00 min

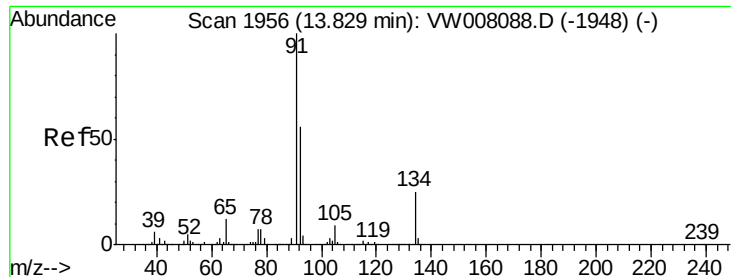
Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Tgt Ion:146 Resp: 134178

Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.5	61.5
148	63.3	31.6	94.8





#89

n-Butylbenzene

Concen: 49.194 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008214.D

Acq: 12 Jan 2019 01:25

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

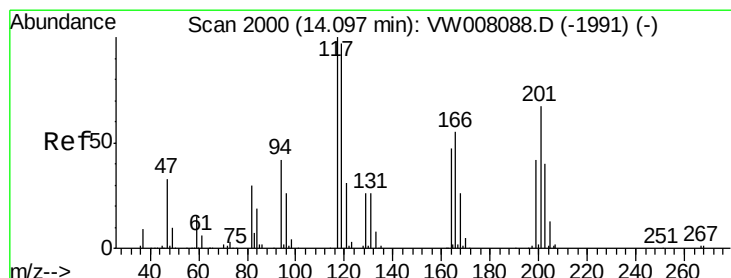
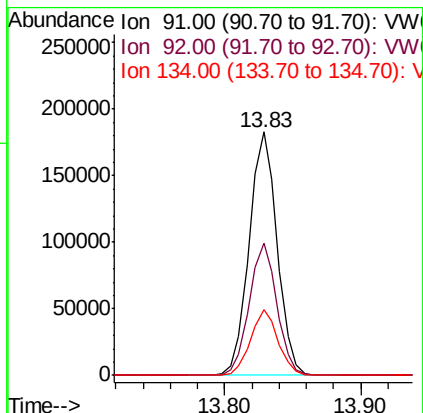
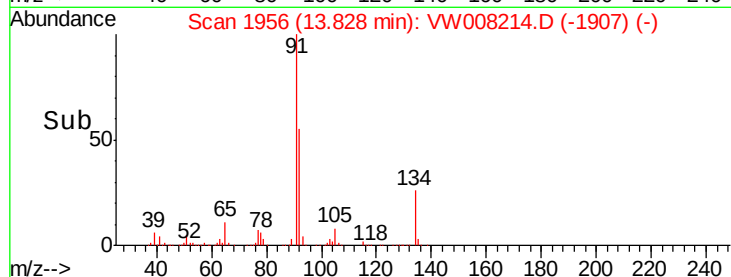
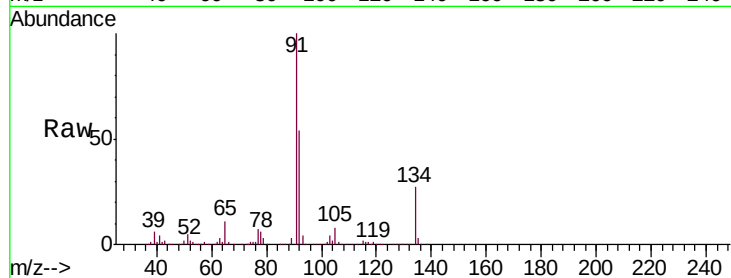
Tgt Ion: 91 Resp: 263279

Ion Ratio Lower Upper

91 100

92 54.0 27.4 82.2

134 26.4 12.6 37.8



#90

Hexachloroethane

Concen: 53.270 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008214.D

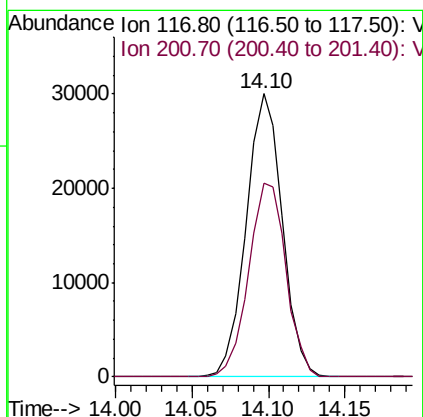
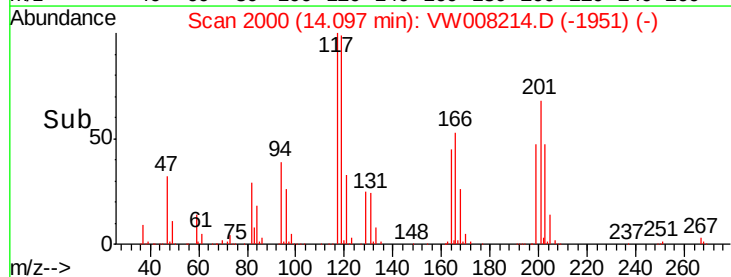
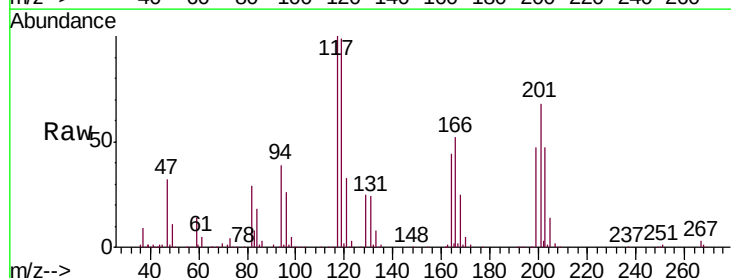
Acq: 12 Jan 2019 01:25

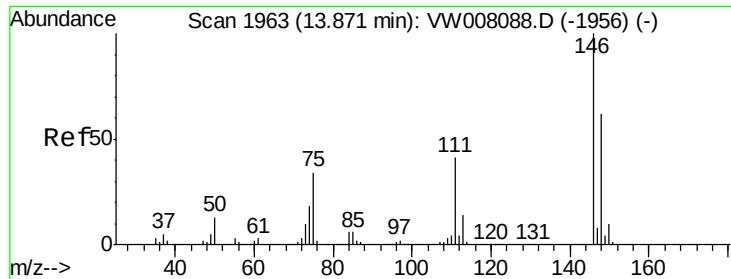
Tgt Ion: 117 Resp: 49167

Ion Ratio Lower Upper

117 100

201 70.8 33.0 98.9

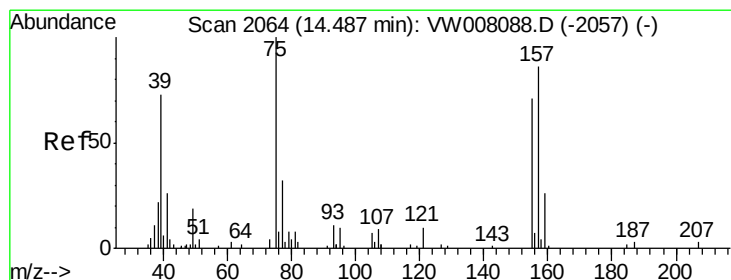
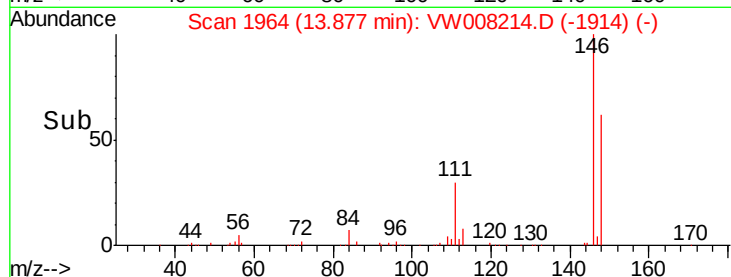
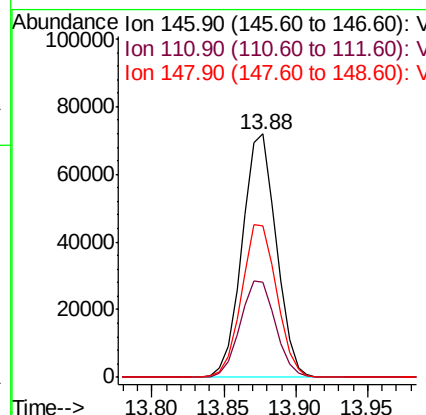
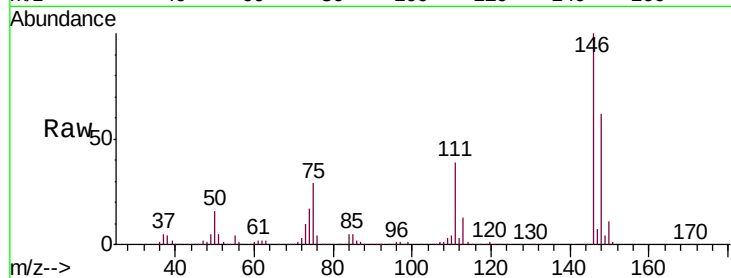




#91
 1,2-Dichlorobenzene
 Concen: 52.758 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

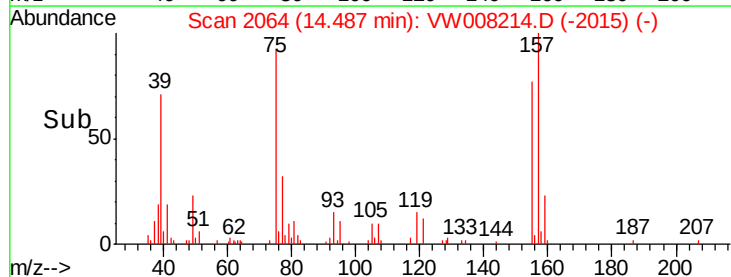
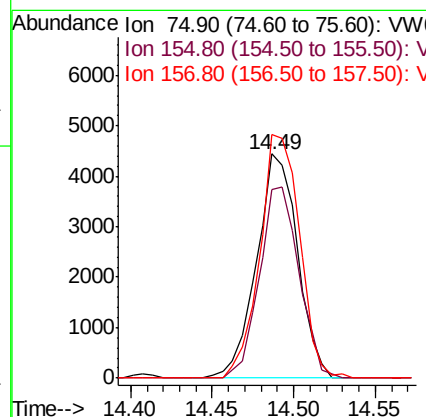
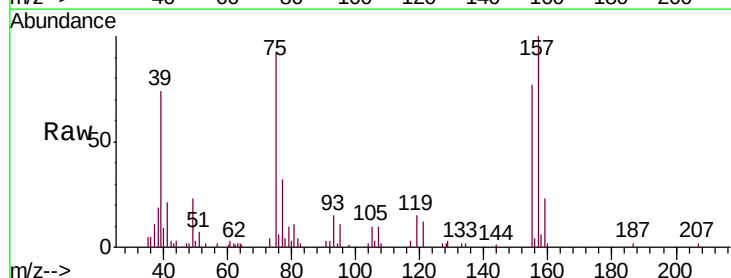
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

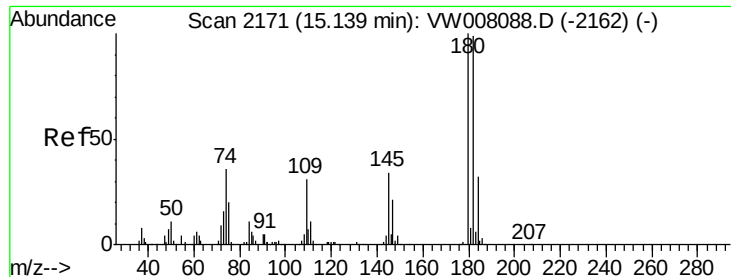
Tgt Ion:146 Resp: 118090
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.3 63.7
 148 64.4 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.541 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

Tgt Ion: 75 Resp: 7736
 Ion Ratio Lower Upper
 75 100
 155 82.4 38.6 115.7
 157 105.6 47.5 142.6

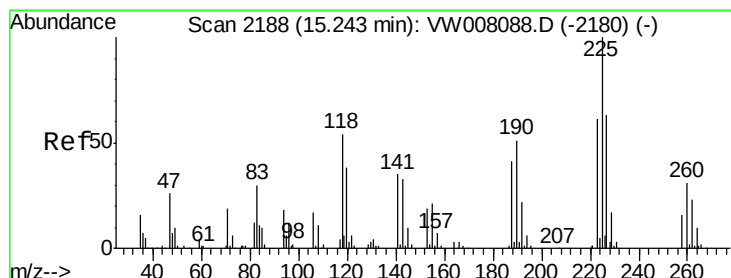
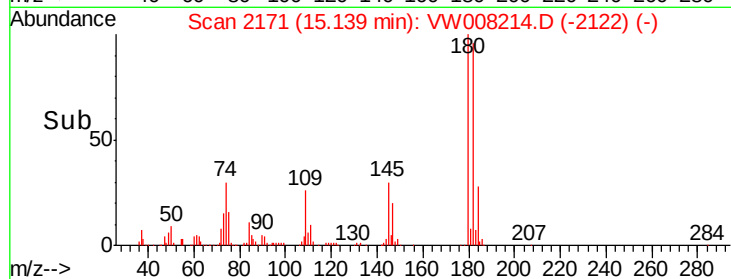
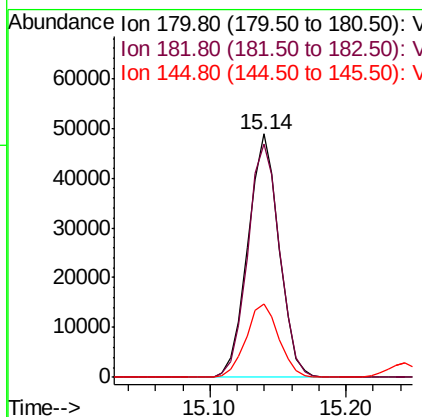
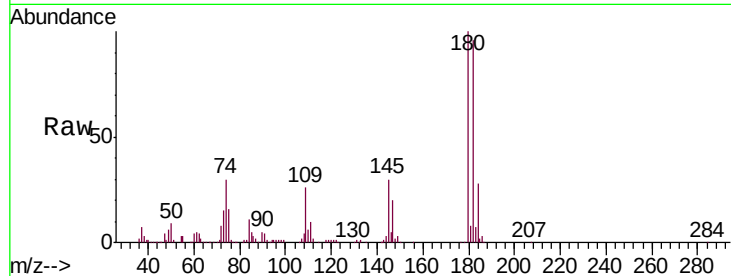




#93
 1,2,4-Trichlorobenzene
 Concen: 52.985 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

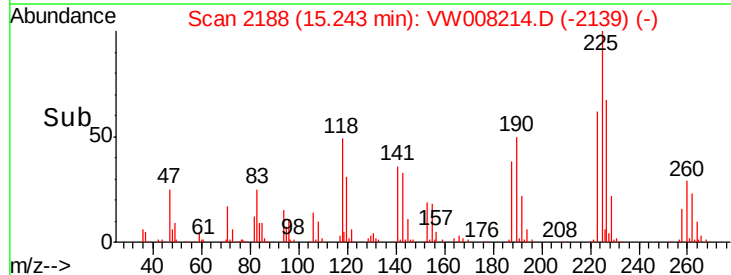
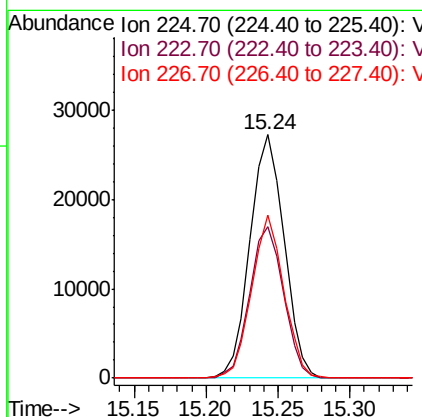
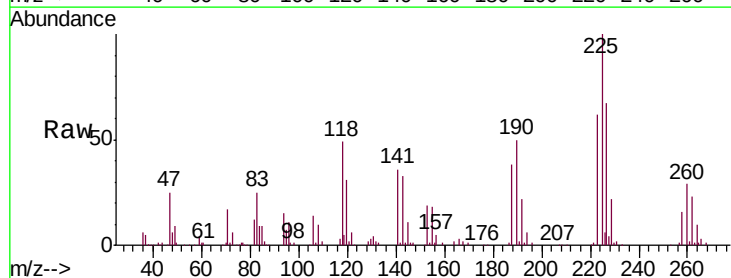
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

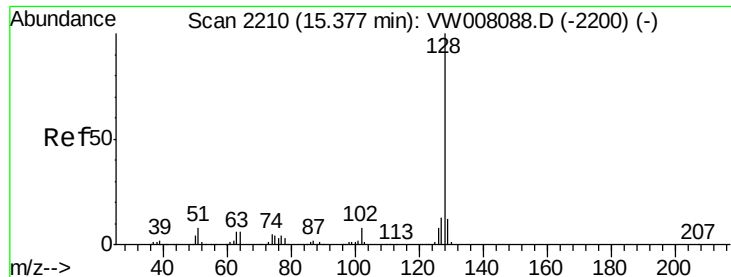
Tgt Ion:180 Resp: 78739
 Ion Ratio Lower Upper
 180 100
 182 97.6 48.6 145.9
 145 31.8 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 56.257 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008214.D
 Acq: 12 Jan 2019 01:25

Tgt Ion:225 Resp: 44747
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.4 94.3
 227 63.0 32.0 96.2

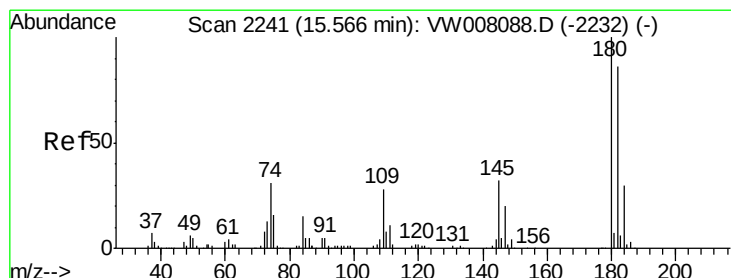
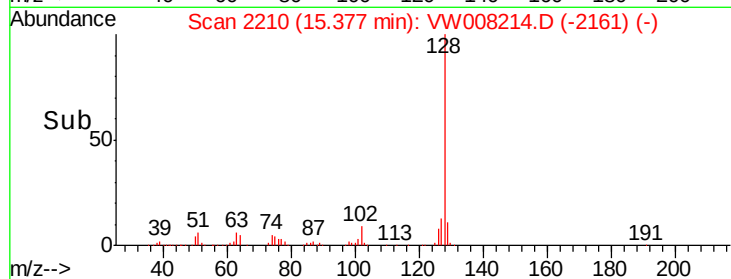
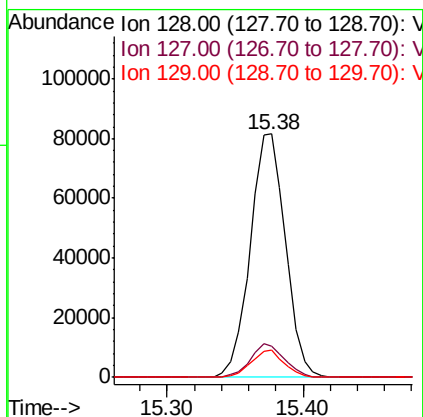
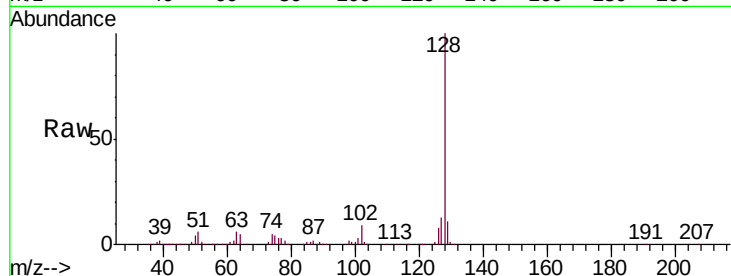




#95
Naphthalene
Concen: 53.312 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 147931
Ion Ratio Lower Upper
128 100
127 13.5 11.0 16.4
129 10.7 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 53.874 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW008214.D
Acq: 12 Jan 2019 01:25

Tgt Ion:180 Resp: 68249
Ion Ratio Lower Upper
180 100
182 96.7 46.5 139.3
145 33.8 17.4 52.2

