

Data File : VW008142.D
Acq On : 10 Jan 2019 11:40
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Jan 11 05:06:34 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	70498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	122830	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	111305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52706	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	38749	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
35) Dibromofluoromethane	7.88	113	36795	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
50) Toluene-d8	10.32	98	157867	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	12.62	95	52868	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	31558	54.850	ug/l	97
3) Chloromethane	2.21	50	39105	52.389	ug/l	99
4) Vinyl Chloride	2.37	62	52858	54.257	ug/l	97
5) Bromomethane	2.79	94	36110	49.480	ug/l	98
6) Chloroethane	2.93	64	34362	46.873	ug/l	99
7) Trichlorofluoromethane	3.26	101	41423	52.301	ug/l	93
8) Diethyl Ether	3.68	74	20961	46.815	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	40323	51.279	ug/l	97
10) Methyl Iodide	4.26	142	56672	49.450	ug/l	100
11) Tert butyl alcohol	5.21	59	11429	233.656	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	37708	48.843	ug/l	96
13) Acrolein	3.89	56	14567	276.308	ug/l	100
14) Allyl chloride	4.67	41	70823	50.526	ug/l	99
15) Acrylonitrile	5.37	53	42720	250.611	ug/l	99
16) Acetone	4.14	43	40730	289.306	ug/l	96
17) Carbon Disulfide	4.37	76	123257	51.107	ug/l	98
18) Methyl Acetate	4.67	43	25265	50.451	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	59687	47.555	ug/l	98
20) Methylene Chloride	4.91	84	40272	51.796	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	42755	50.961	ug/l	97
22) Diisopropyl ether	6.31	45	137175	51.313	ug/l	99
23) Vinyl Acetate	6.25	43	352700	251.210	ug/l	100
24) 1,1-Dichloroethane	6.21	63	78397	50.332	ug/l	100
25) 2-Butanone	7.17	43	55863	253.401	ug/l	99
26) 2,2-Dichloropropane	7.17	77	52645	49.882	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	45977	50.228	ug/l	98
28) Bromochloromethane	7.51	49	30230	49.068	ug/l	99
29) Tetrahydrofuran	7.53	42	36046	244.779	ug/l	99
30) Chloroform	7.67	83	75233	50.743	ug/l	100
31) Cyclohexane	7.95	56	79881	47.906	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	65834	51.032	ug/l	99
36) 1,1-Dichloropropene	8.08	75	64649	51.095	ug/l	99
37) Ethyl Acetate	7.26	43	24264	47.867	ug/l	98
38) Carbon Tetrachloride	8.07	117	59371	51.267	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82916	51.682	ug/l	91
40) Benzene	8.32	78	177748	51.795	ug/l	100
41) Methacrylonitrile	7.49	41	15783	49.289	ug/l	96
42) 1,2-Dichloroethane	8.40	62	47635	49.352	ug/l	100
43) Isopropyl Acetate	8.42	43	49009	48.356	ug/l	99
44) Trichloroethene	9.09	130	44396	50.537	ug/l	96
45) 1,2-Dichloropropane	9.37	63	44668	52.493	ug/l	96
46) Dibromomethane	9.46	93	20734	49.615	ug/l	99
47) Bromodichloromethane	9.65	83	54850	51.690	ug/l	98
48) Methyl methacrylate	9.44	41	24401	51.024	ug/l	98
49) 1,4-Dioxane	9.47	88	6627	986.077	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	120280	245.174	ug/l	99
52) Toluene	10.39	92	112338	51.257	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	54720	49.576	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	66605	50.888	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	30241	51.542	ug/l	97
56) Ethyl methacrylate	10.65	69	37209	51.209	ug/l	96
57) 1,3-Dichloropropane	10.93	76	52986	49.379	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	90090	240.028	ug/l	100
59) 2-Hexanone	10.97	43	86660	261.213	ug/l	97
60) Dibromochloromethane	11.13	129	33398	51.837	ug/l	99
61) 1,2-Dibromoethane	11.24	107	28320	50.869	ug/l	99
64) Tetrachloroethene	10.86	164	35647	49.211	ug/l	96
65) Chlorobenzene	11.66	112	118493	50.250	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	39116	51.001	ug/l	98
67) Ethyl Benzene	11.73	91	220231	51.043	ug/l	97
68) m/p-Xylenes	11.84	106	168719	102.450	ug/l	98
69) o-Xylene	12.17	106	78179	51.263	ug/l	96
70) Styrene	12.18	104	124742	52.221	ug/l	99
71) Bromoform	12.35	173	17979	52.377	ug/l #	97
73) Isopropylbenzene	12.47	105	214019	51.722	ug/l	99
74) N-amyl acetate	12.27	43	45049	49.161	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	33070	49.930	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	44639	92.907	ug/l	26
77) Bromobenzene	12.75	156	44482	50.875	ug/l	94
78) n-propylbenzene	12.81	91	263093	51.891	ug/l	100
79) 2-Chlorotoluene	12.90	91	142710	50.452	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	173569	51.044	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10705	51.884	ug/l	98
82) 4-Chlorotoluene	12.99	91	147388	49.473	ug/l	100
83) tert-Butylbenzene	13.21	119	152699	50.760	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	177050	50.484	ug/l	99
85) sec-Butylbenzene	13.39	105	225690	51.216	ug/l	99
86) p-Isopropyltoluene	13.51	119	195655	51.416	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	89778	50.619	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	88723	49.859	ug/l	98
89) n-Butylbenzene	13.83	91	194077	52.073	ug/l	99
90) Hexachloroethane	14.10	117	33993	52.887	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	76992	49.394	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5277	49.507	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011019\
Quantitation Report (Not Reviewed)

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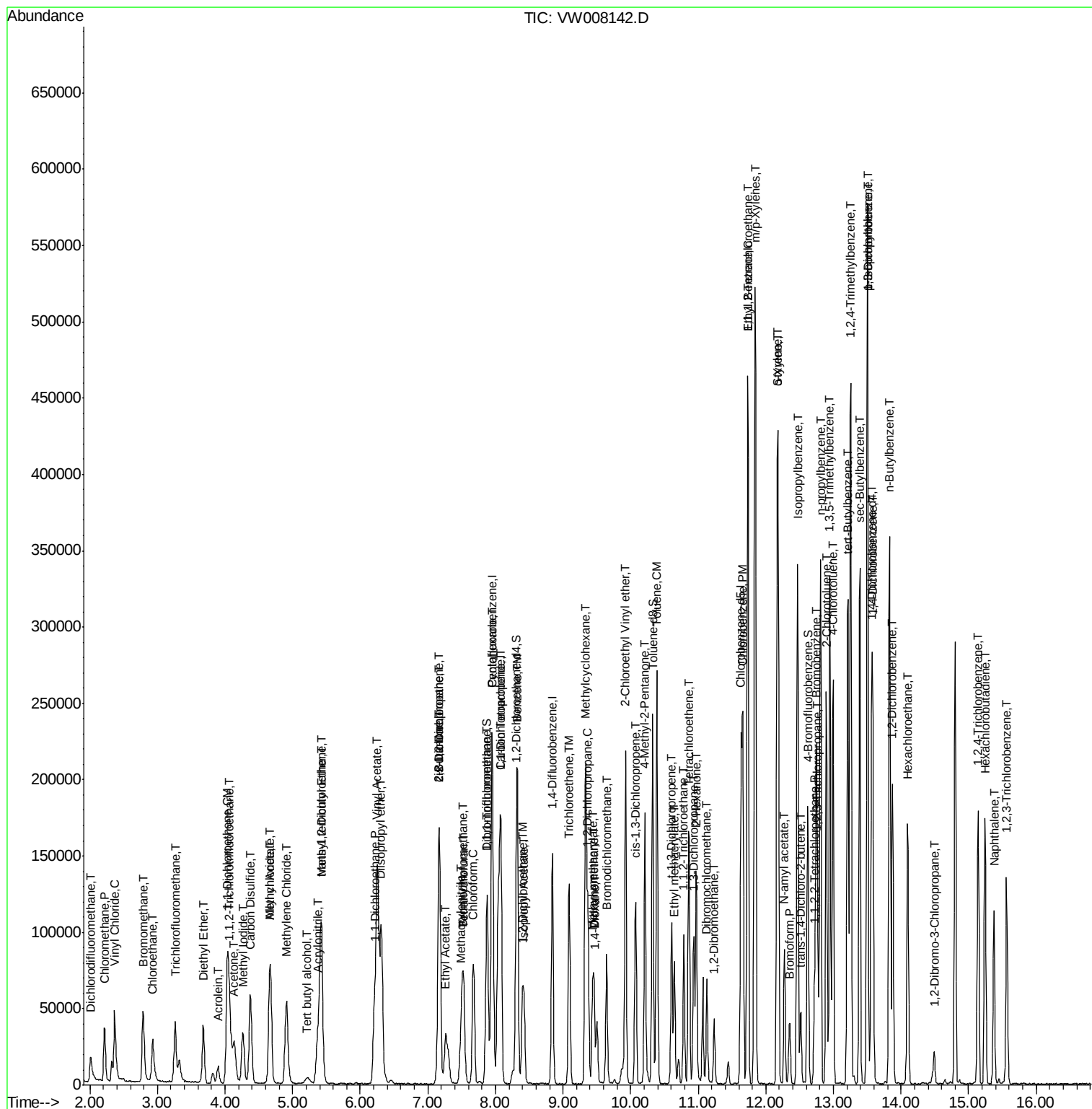
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	53107	51.317	ug/l	99
94) Hexachlorobutadiene	15.24	225	30763	55.539	ug/l	98
95) Naphthalene	15.38	128	96906	50.150	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	45047	51.062	ug/l	98

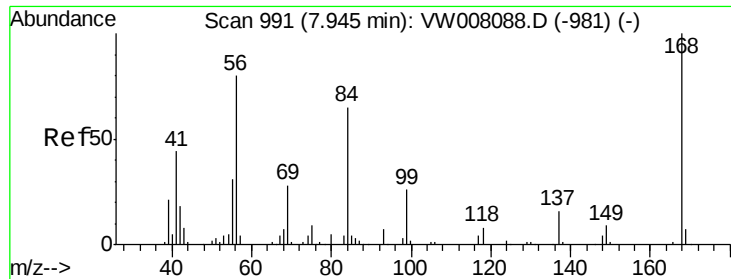
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

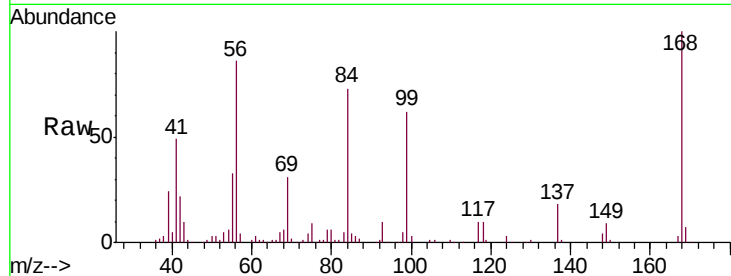
VSTDCCC050

Tgt Ion:168 Resp: 70498

Ion Ratio Lower Upper

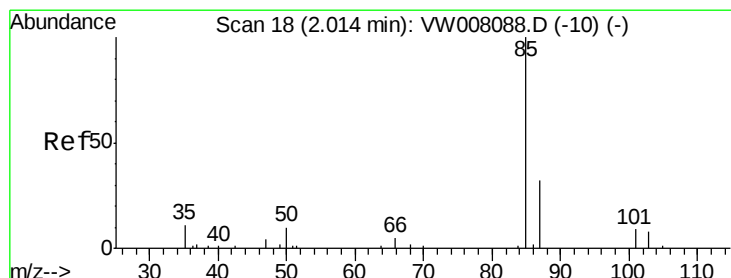
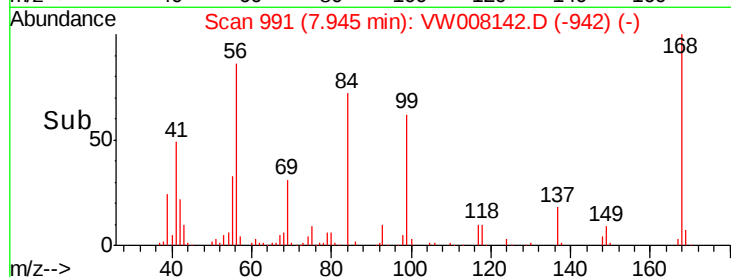
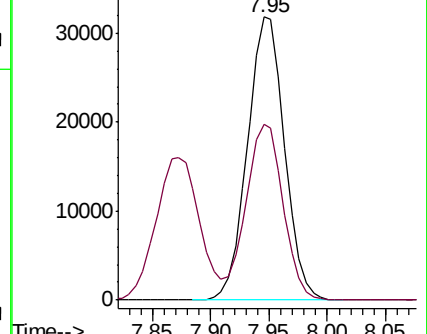
168 100

99 62.3 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 54.850 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW008142.D

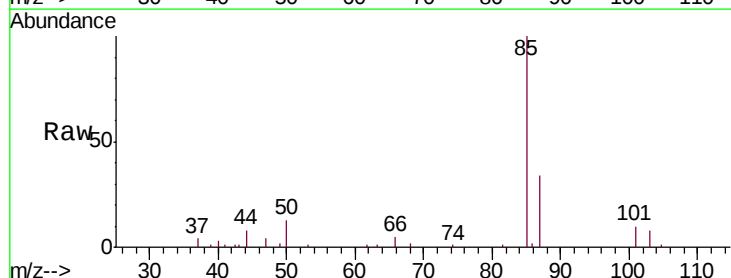
Acq: 10 Jan 2019 11:40

Tgt Ion: 85 Resp: 31558

Ion Ratio Lower Upper

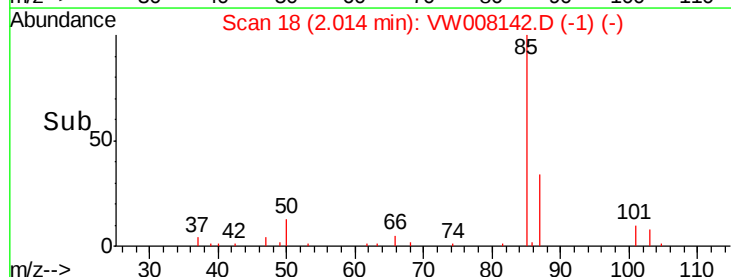
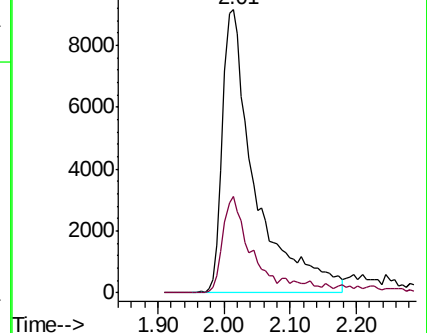
85 100

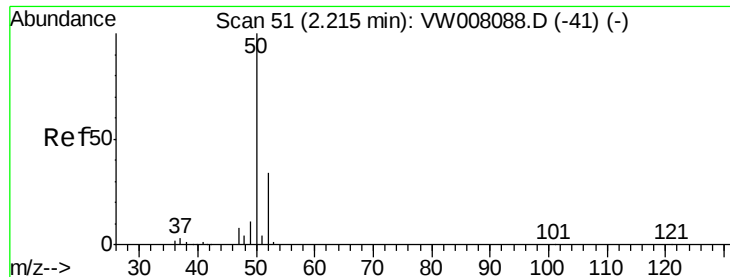
87 34.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 52.389 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

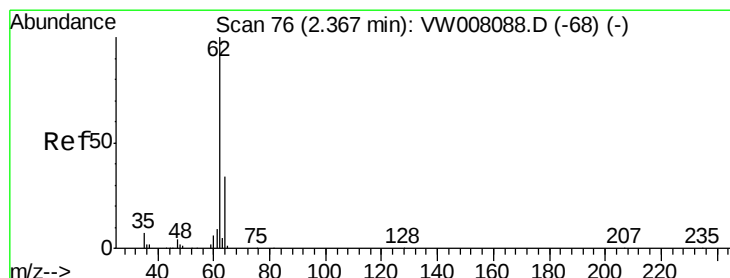
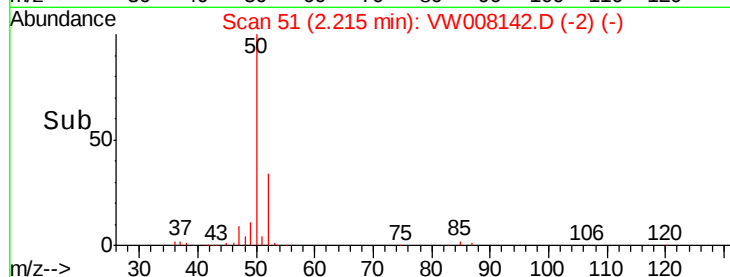
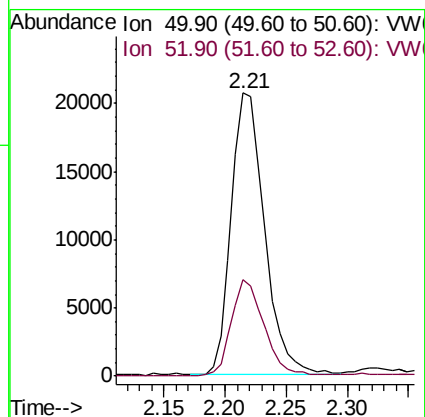
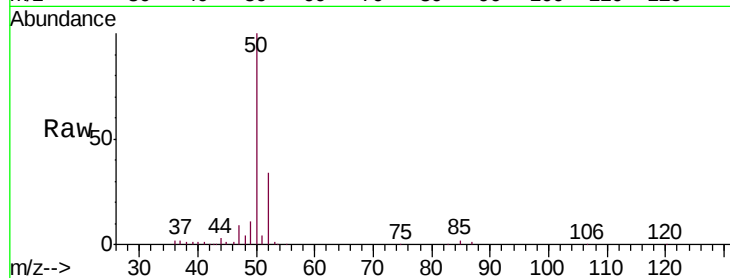
VSTDCCC050

Tgt Ion: 50 Resp: 39105

Ion Ratio Lower Upper

50 100

52 34.3 26.8 40.2



#4

Vinyl Chloride

Concen: 54.257 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008142.D

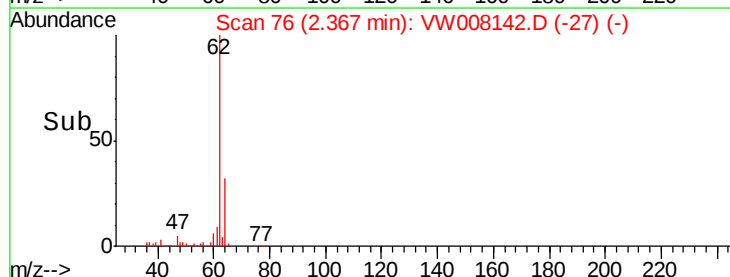
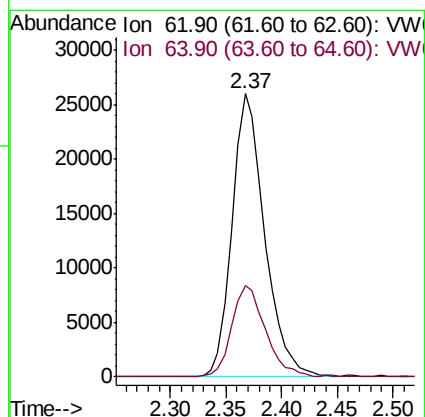
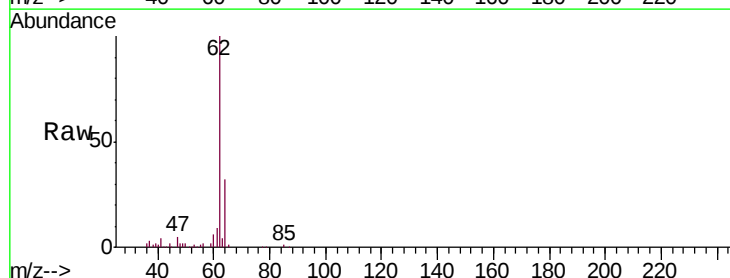
Acq: 10 Jan 2019 11:40

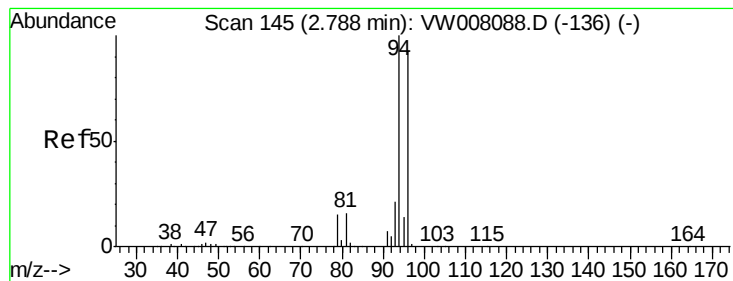
Tgt Ion: 62 Resp: 52858

Ion Ratio Lower Upper

62 100

64 32.1 27.0 40.6





#5

Bromomethane

Concen: 49.480 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

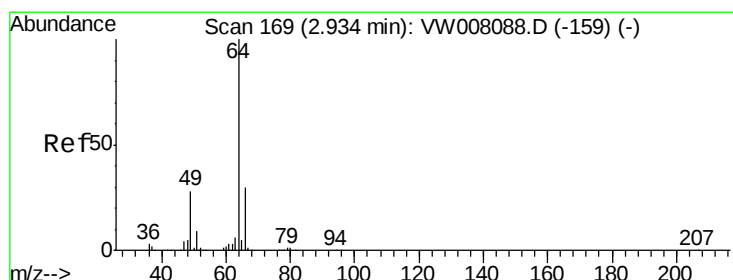
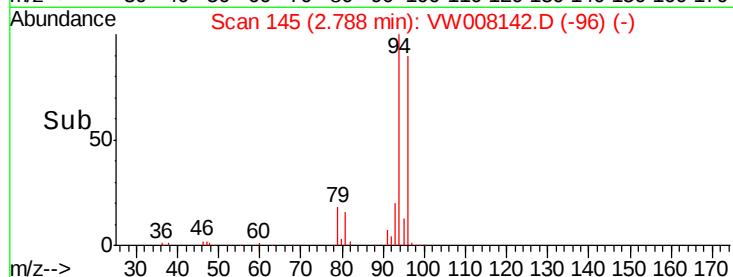
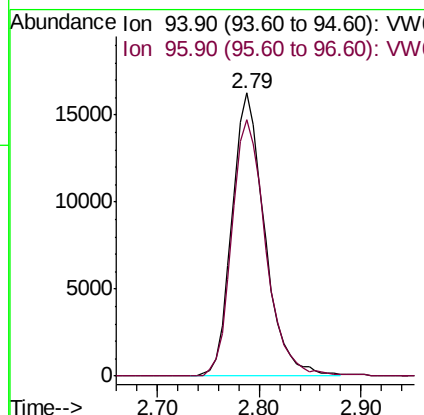
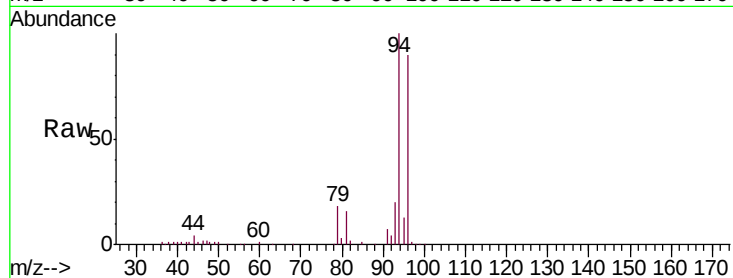
VSTDCCC050

Tgt Ion: 94 Resp: 36110

Ion Ratio Lower Upper

94 100

96 90.4 74.1 111.1



#6

Chloroethane

Concen: 46.873 ug/l

RT: 2.93 min Scan# 169

Delta R.T. -0.00 min

Lab File: VW008142.D

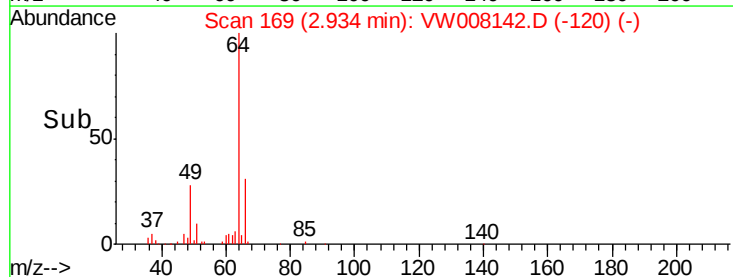
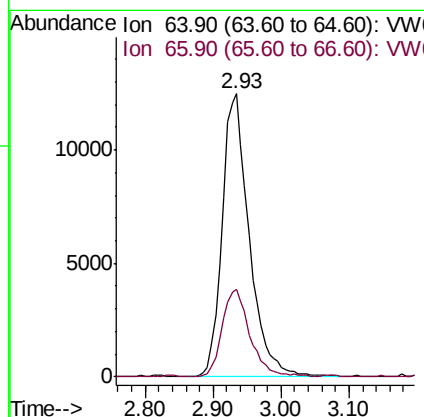
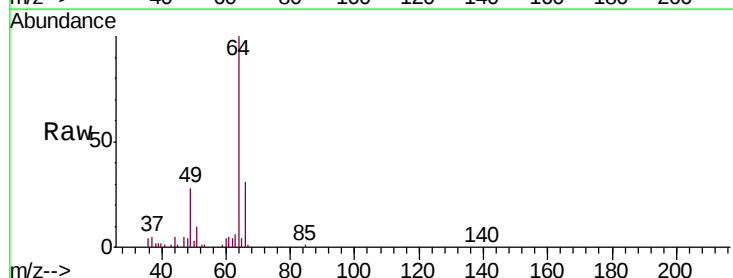
Acq: 10 Jan 2019 11:40

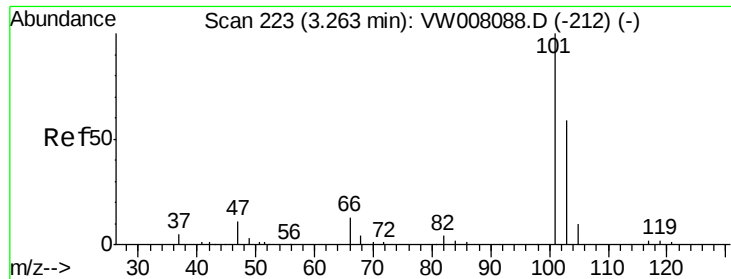
Tgt Ion: 64 Resp: 34362

Ion Ratio Lower Upper

64 100

66 30.8 24.2 36.2



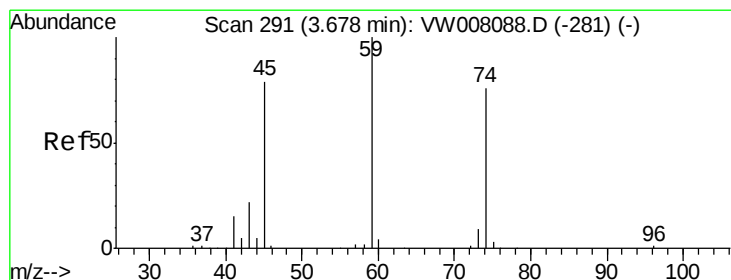
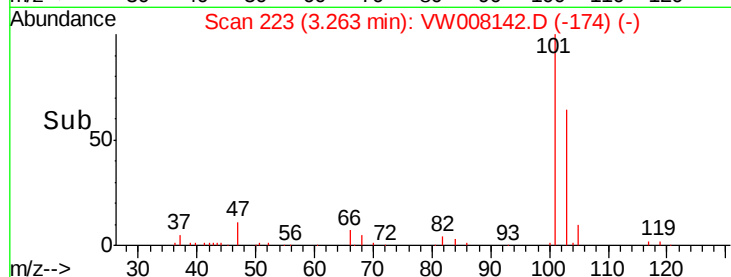
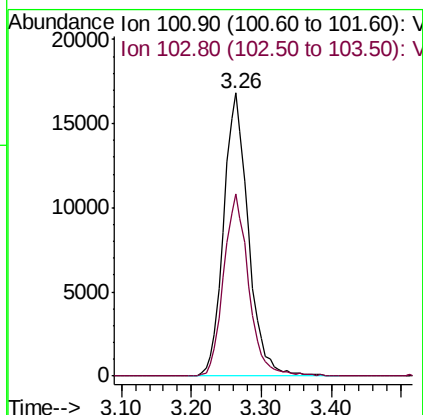
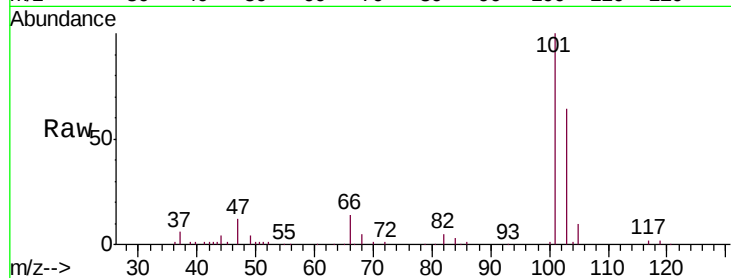


#7

Trichlorofluoromethane
 Concen: 52.301 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
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 VSTDCCC050

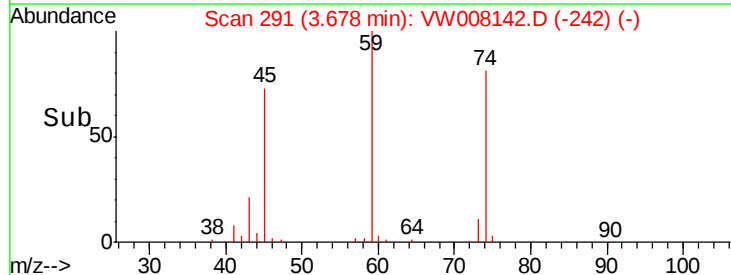
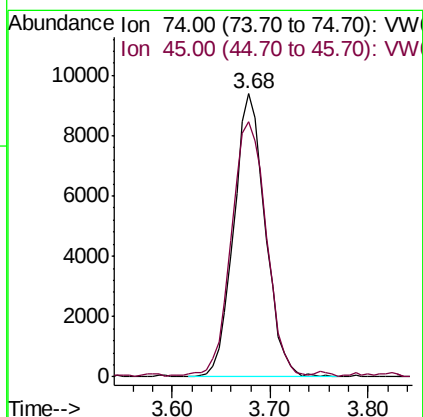
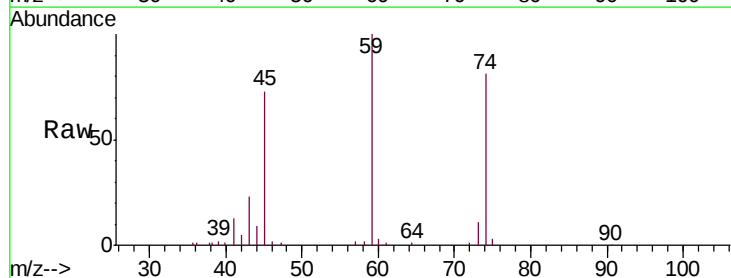
Tgt Ion:101 Resp: 41423
 Ion Ratio Lower Upper
 101 100
 103 64.3 47.0 70.6

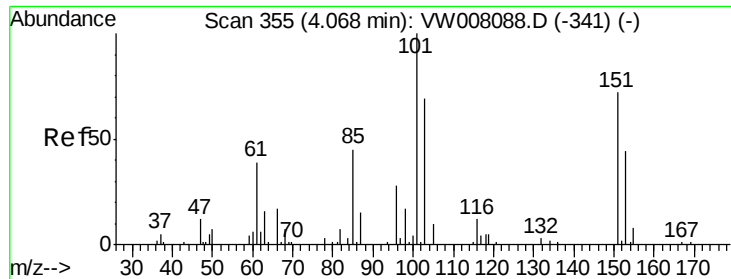


#8

Diethyl Ether
 Concen: 46.815 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008142.D
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Tgt Ion: 74 Resp: 20961
 Ion Ratio Lower Upper
 74 100
 45 101.1 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.279 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

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ClientSampleId :

VSTDCCC050

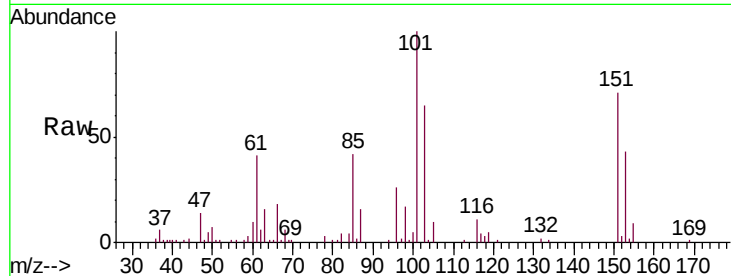
Tgt Ion:101 Resp: 40323

Ion Ratio Lower Upper

101 100

85 43.8 35.9 53.9

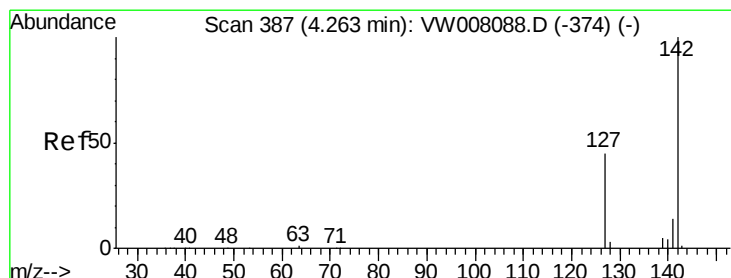
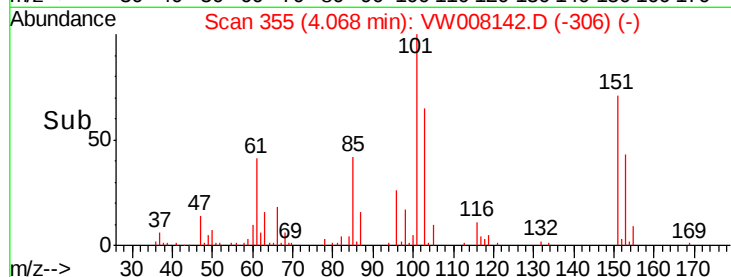
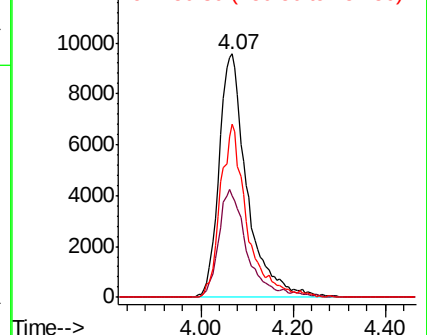
151 66.9 55.8 83.8



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: 49.450 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

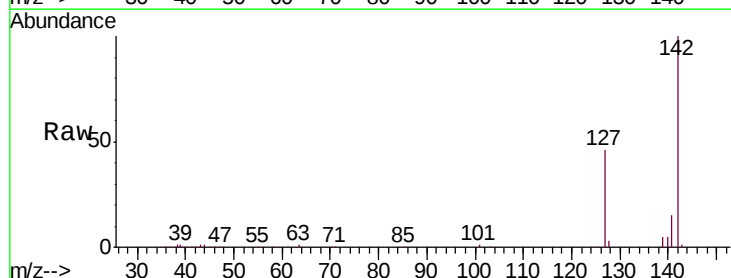
Tgt Ion:142 Resp: 56672

Ion Ratio Lower Upper

142 100

127 43.8 35.0 52.4

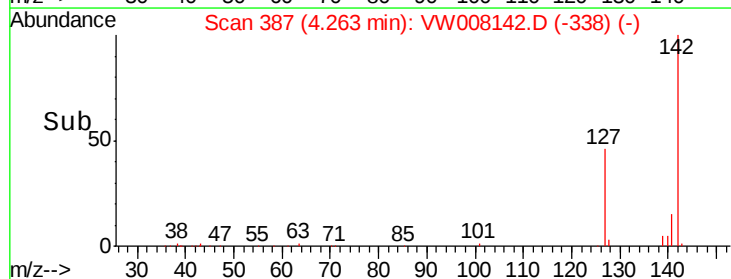
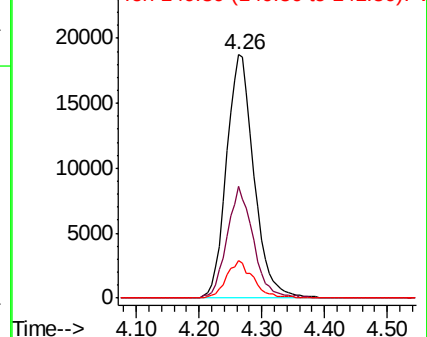
141 14.6 11.8 17.6

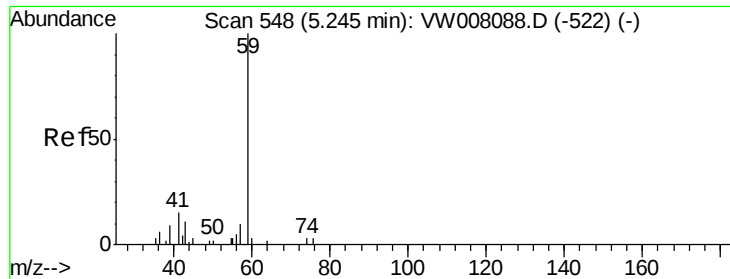


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

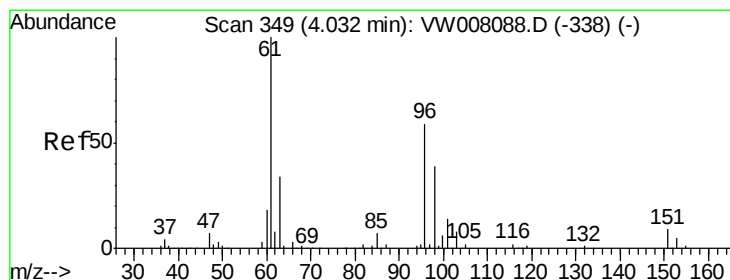
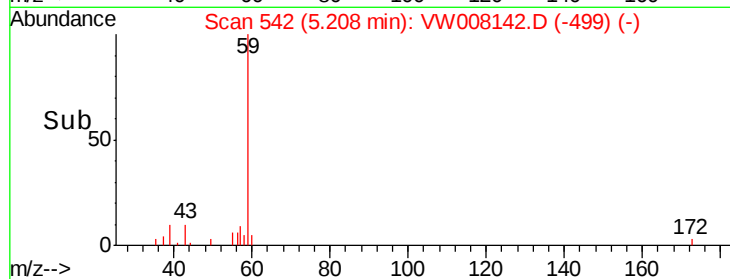
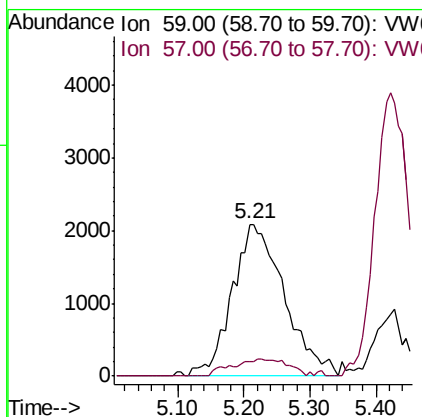
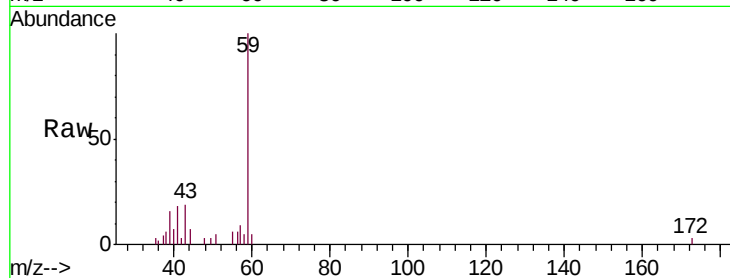




#11
Tert butyl alcohol
Concen: 233.656 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.04 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

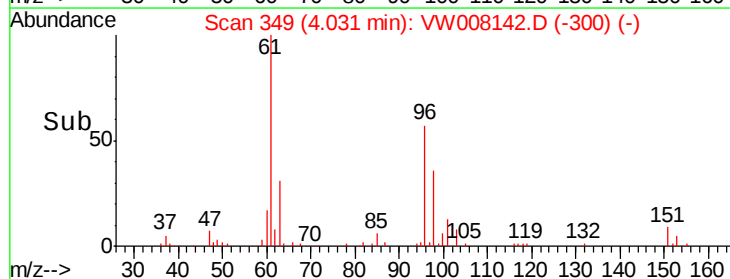
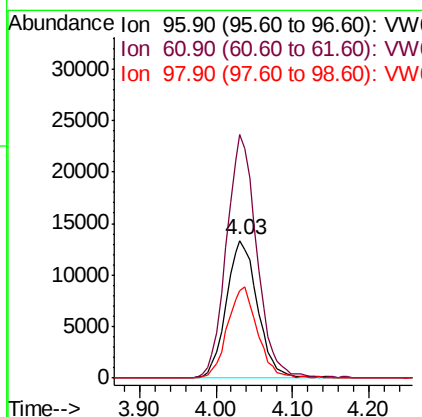
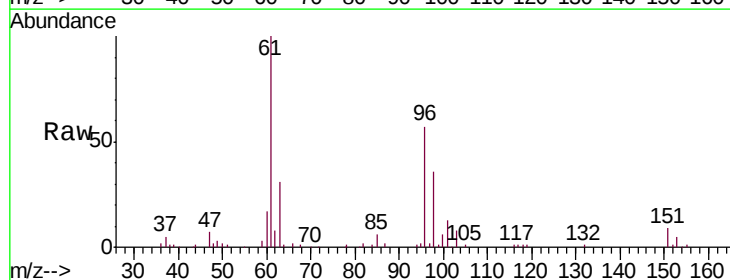
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

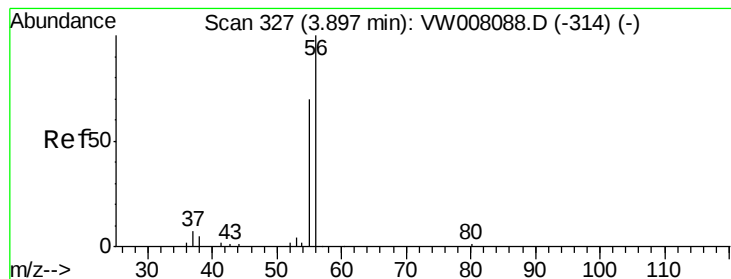
Tgt Ion: 59 Resp: 11429
Ion Ratio Lower Upper
59 100
57 12.0 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 48.843 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Tgt Ion: 96 Resp: 37708
Ion Ratio Lower Upper
96 100
61 176.1 135.4 203.2
98 63.6 52.5 78.7





#13

Acrolein

Concen: 276.308 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

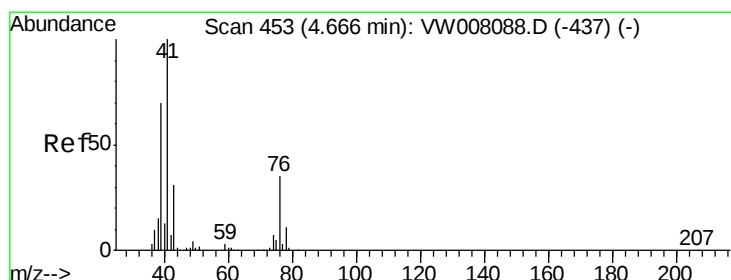
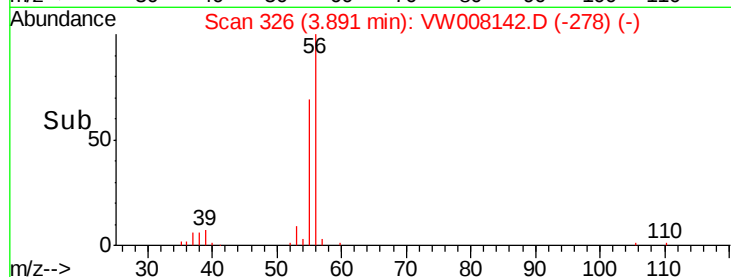
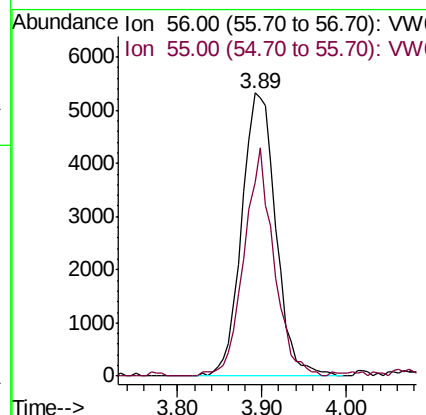
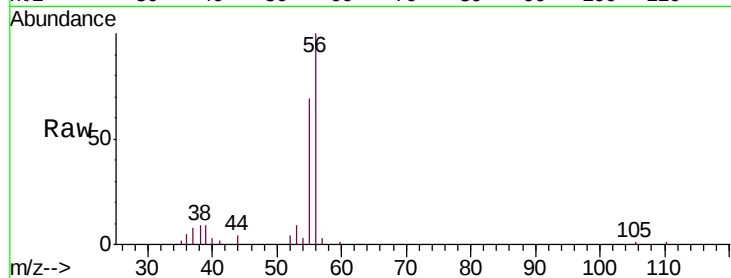
VSTDCCC050

Tgt Ion: 56 Resp: 14567

Ion Ratio Lower Upper

56 100

55 70.3 56.6 84.8



#14

Allyl chloride

Concen: 50.526 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

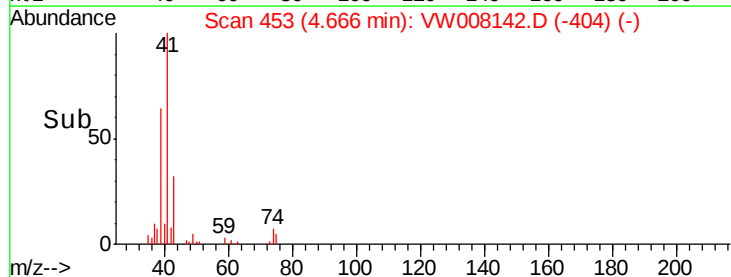
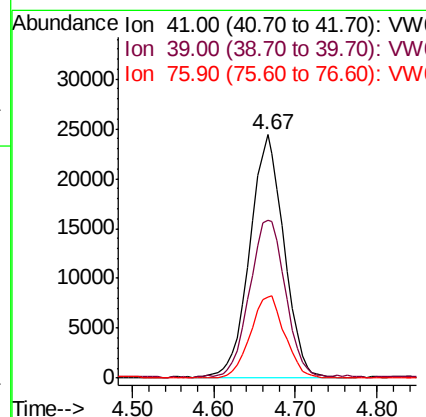
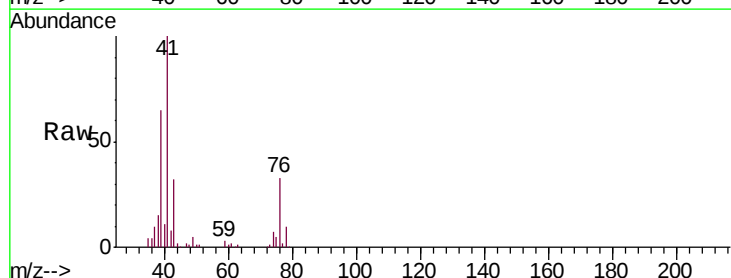
Tgt Ion: 41 Resp: 70823

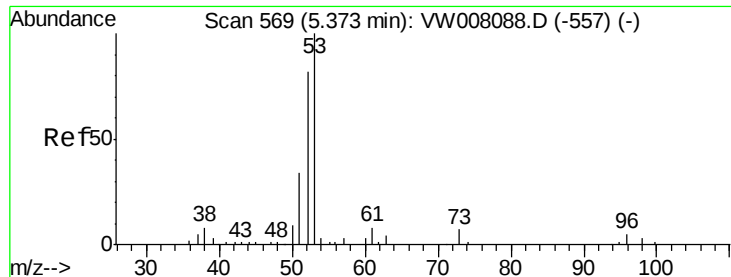
Ion Ratio Lower Upper

41 100

39 68.7 53.8 80.8

76 34.1 27.6 41.4





#15

Acrylonitrile

Concen: 250.611 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

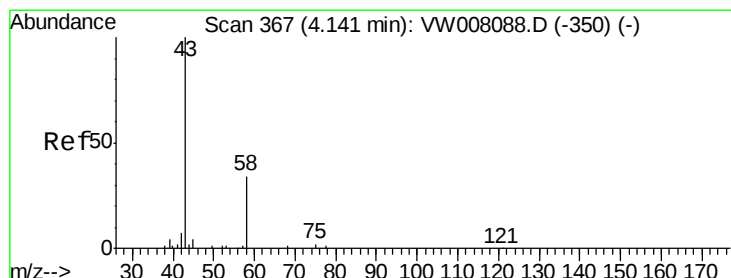
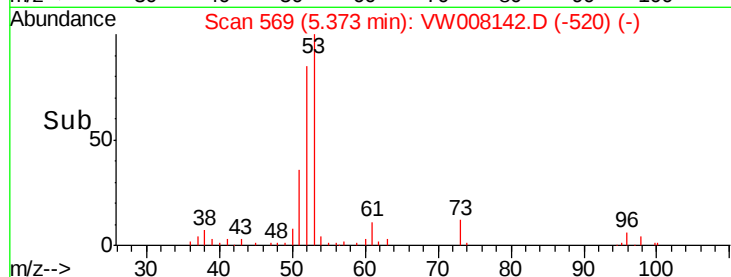
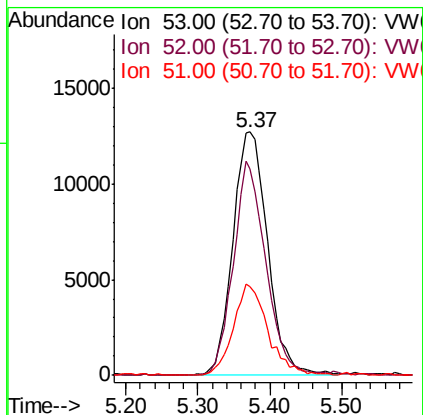
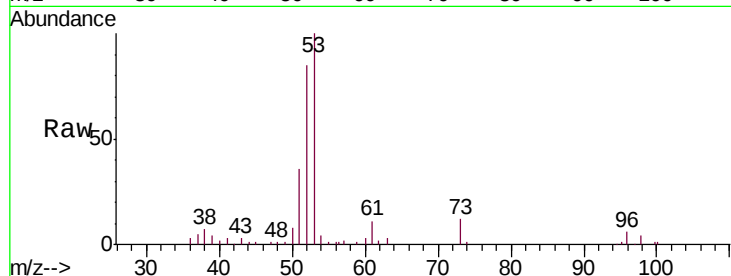
Tgt Ion: 53 Resp: 42720

Ion Ratio Lower Upper

53 100

52 82.0 66.8 100.2

51 37.1 29.7 44.5



#16

Acetone

Concen: 289.306 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008142.D

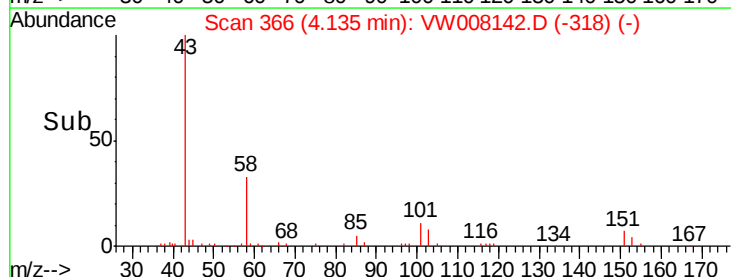
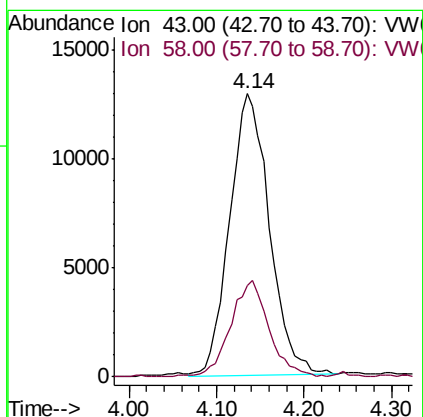
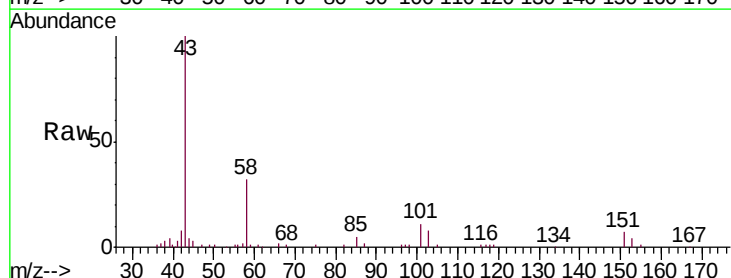
Acq: 10 Jan 2019 11:40

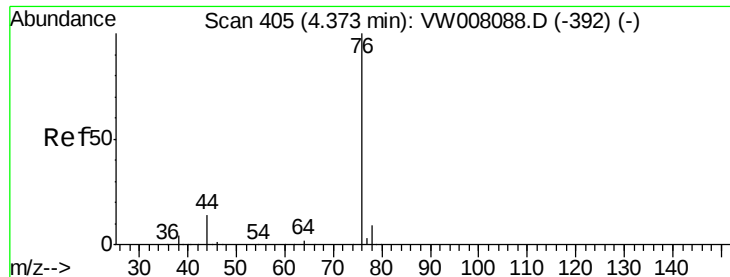
Tgt Ion: 43 Resp: 40730

Ion Ratio Lower Upper

43 100

58 32.2 27.5 41.3





#17

Carbon Disulfide

Concen: 51.107 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

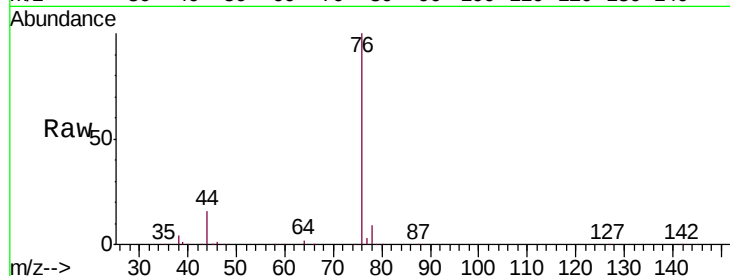
VSTDCCC050

Tgt Ion: 76 Resp: 123257

Ion Ratio Lower Upper

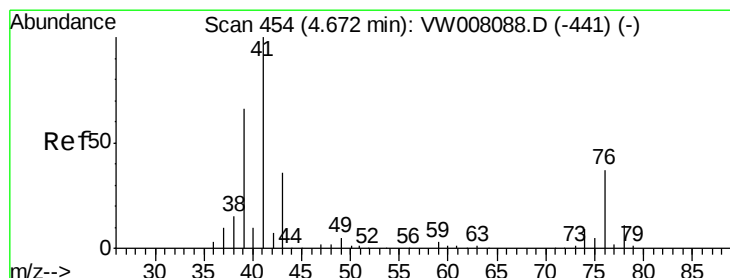
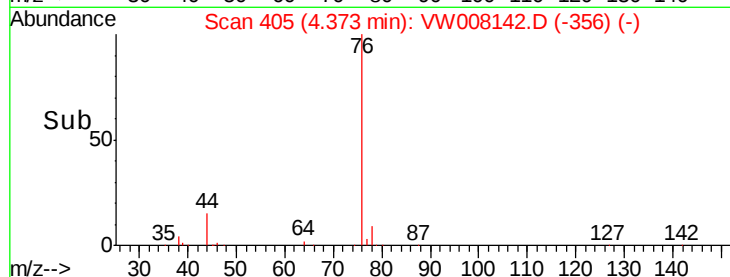
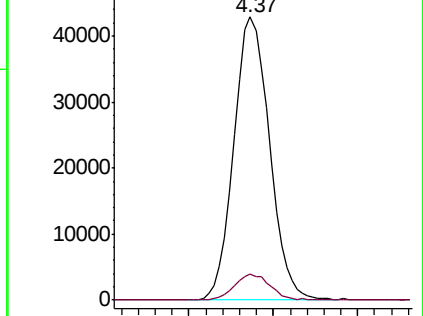
76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 50.451 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW008142.D

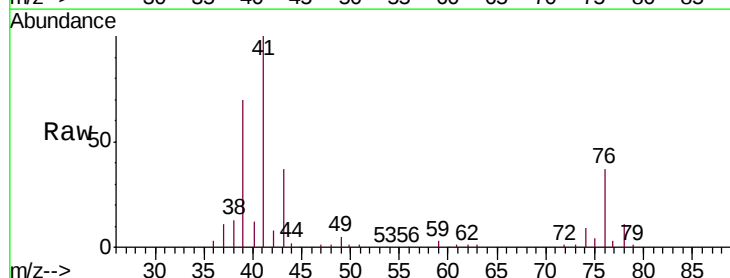
Acq: 10 Jan 2019 11:40

Tgt Ion: 43 Resp: 25265

Ion Ratio Lower Upper

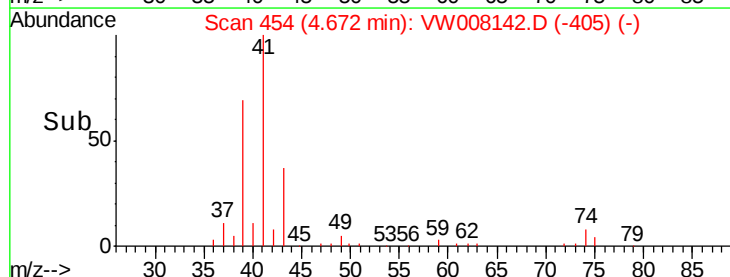
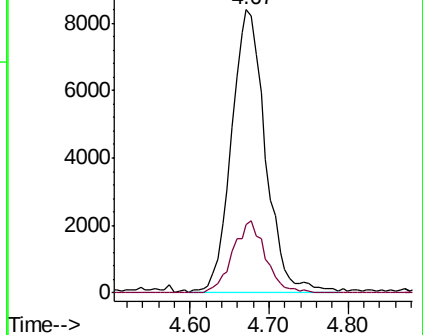
43 100

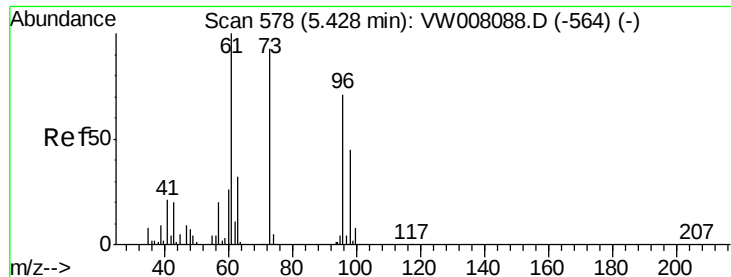
74 24.3 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



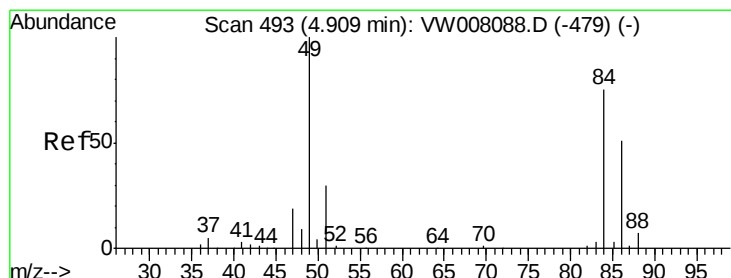
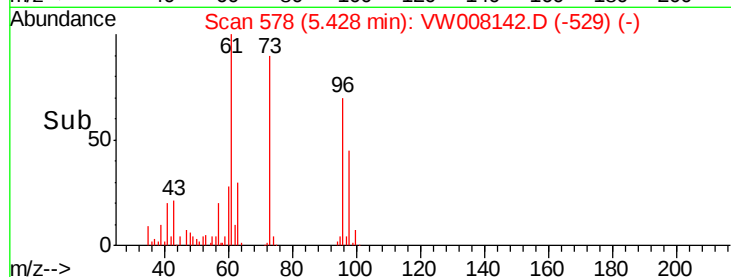
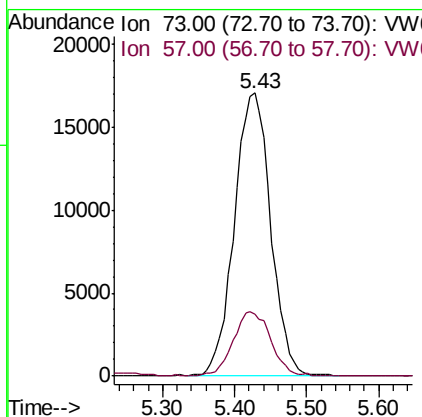
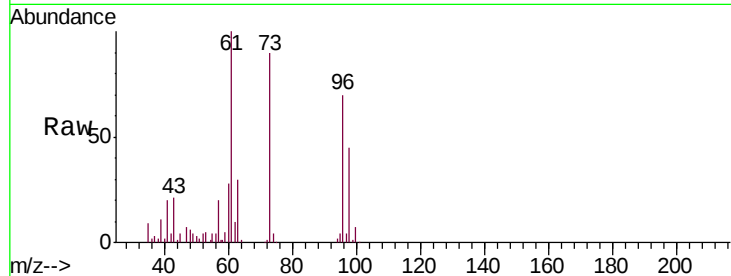


#19

Methyl tert-butyl Ether
 Concen: 47.555 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

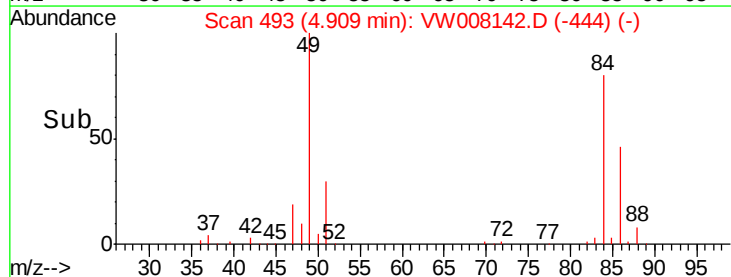
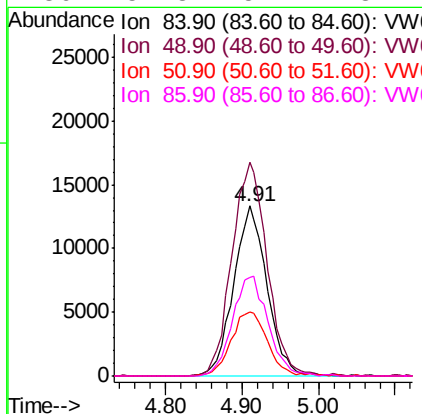
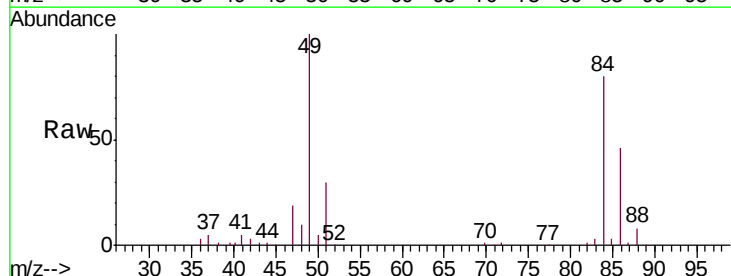
Tgt Ion: 73 Resp: 59687
 Ion Ratio Lower Upper
 73 100
 57 22.1 16.7 25.1

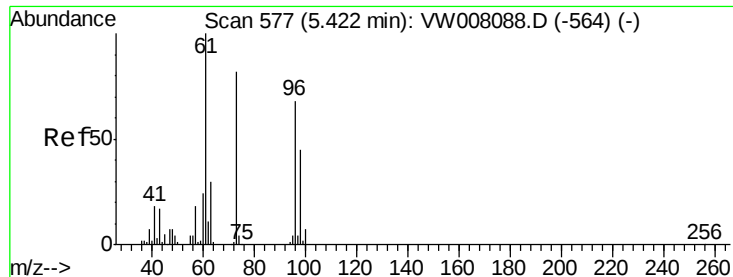


#20

Methylene Chloride
 Concen: 51.796 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

Tgt Ion: 84 Resp: 40272
 Ion Ratio Lower Upper
 84 100
 49 125.2 107.1 160.7
 51 37.3 32.4 48.6
 86 57.8 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 50.961 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

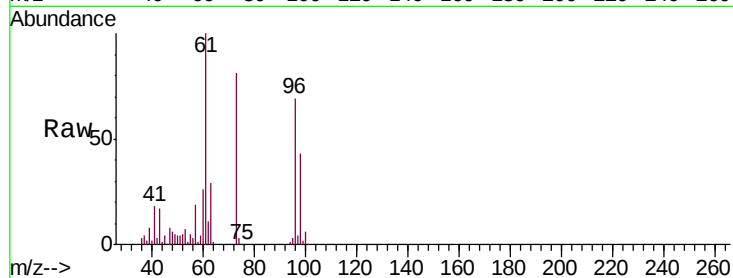
Tgt Ion: 96 Resp: 42755

Ion Ratio Lower Upper

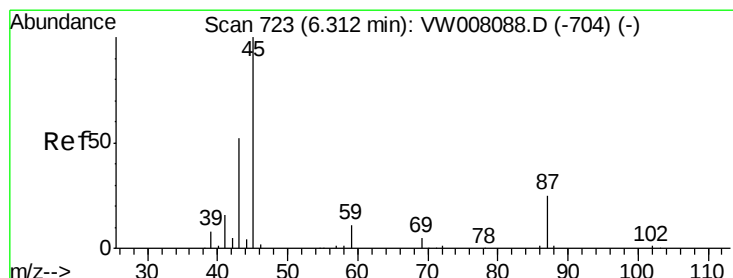
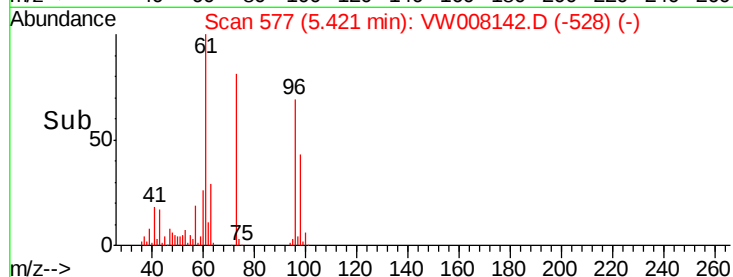
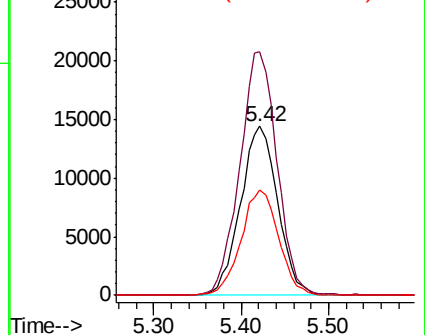
96 100

61 144.1 117.4 176.0

98 62.5 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: 51.313 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Tgt Ion: 45 Resp: 137175

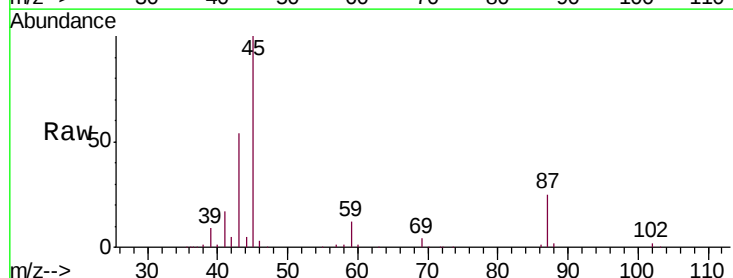
Ion Ratio Lower Upper

45 100

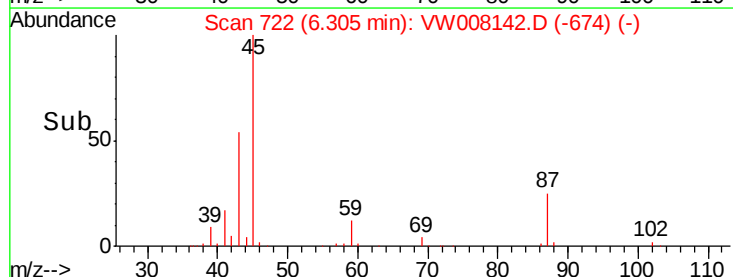
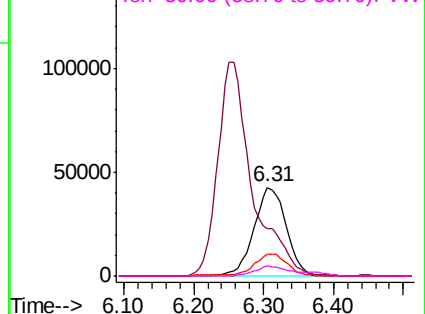
43 53.5 41.7 62.5

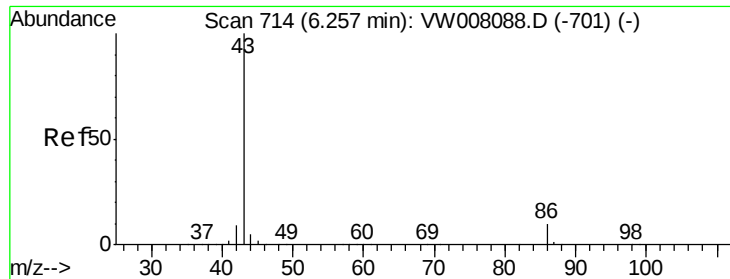
87 24.9 20.1 30.1

59 11.8 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: 251.210 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

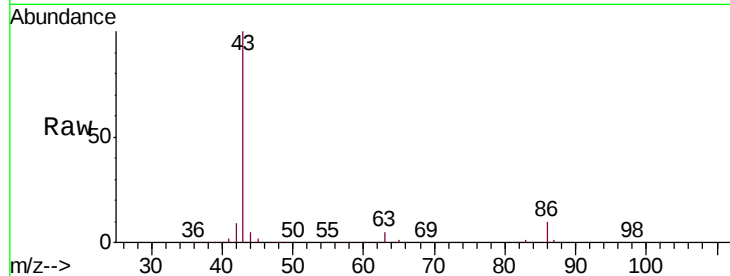
VSTDCCC050

Tgt Ion: 43 Resp: 352700

Ion Ratio Lower Upper

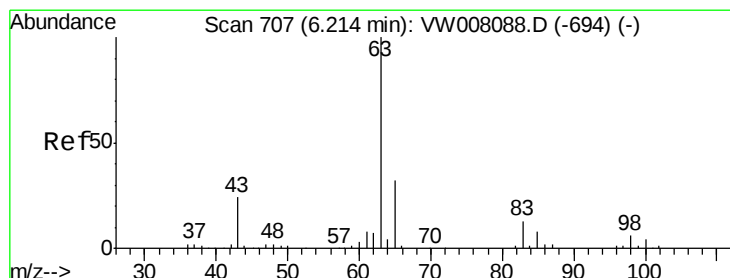
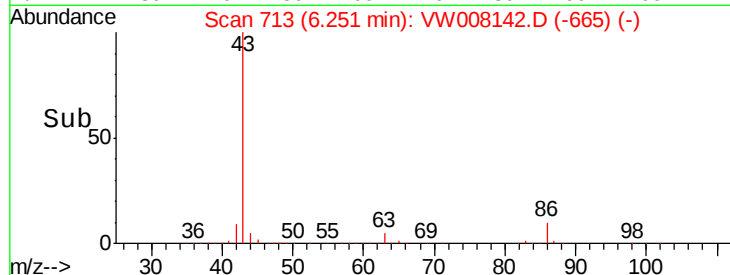
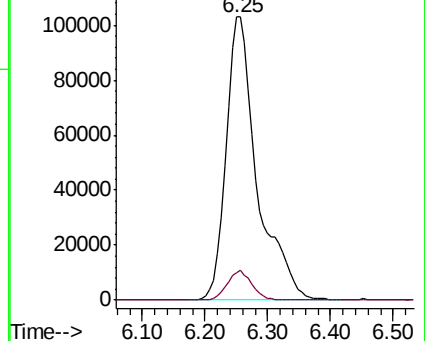
43 100

86 9.7 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.332 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

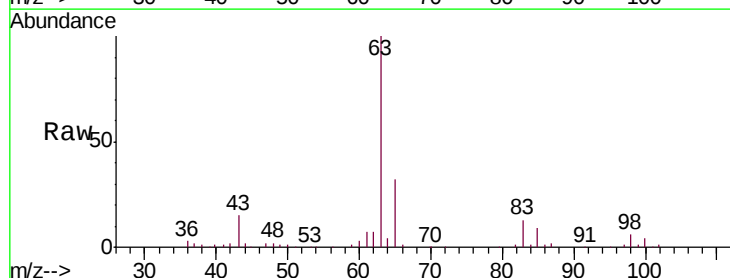
Tgt Ion: 63 Resp: 78397

Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

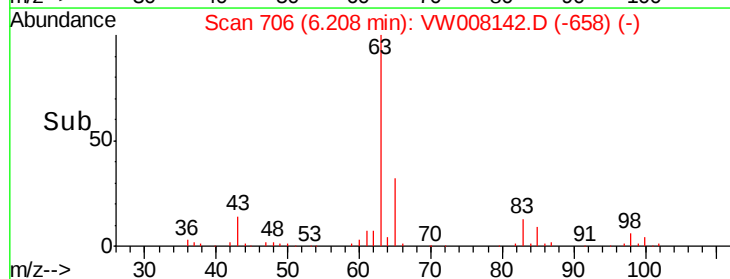
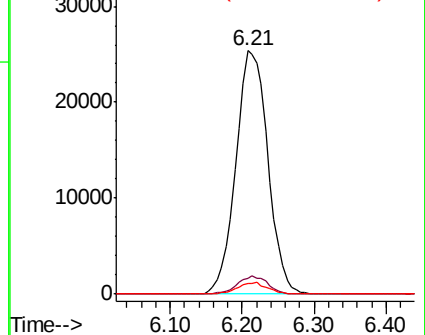
100 4.3 2.0 6.0

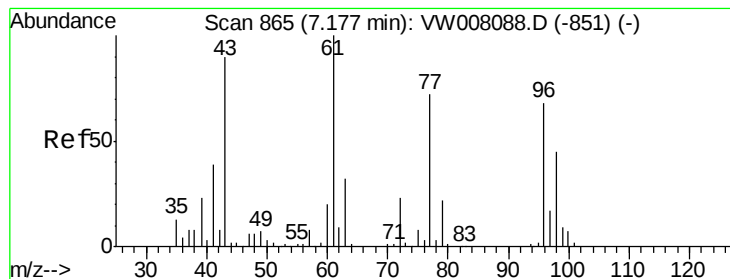


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 253.401 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

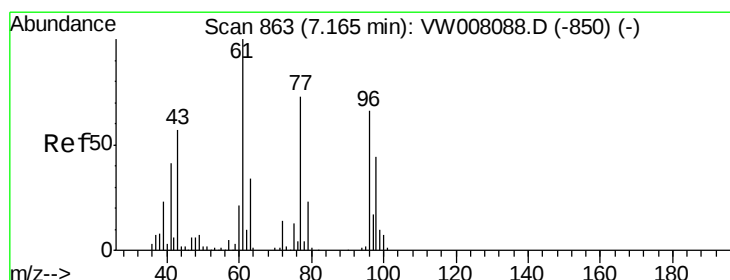
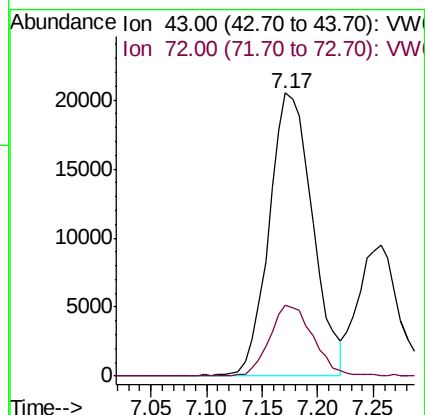
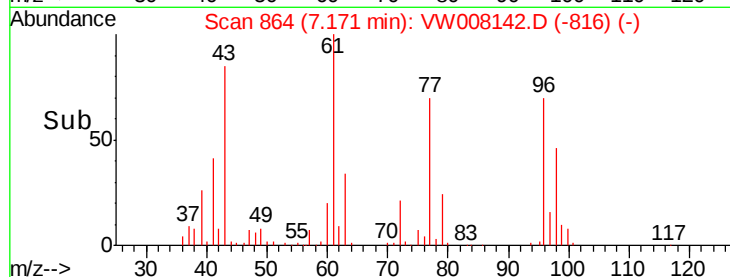
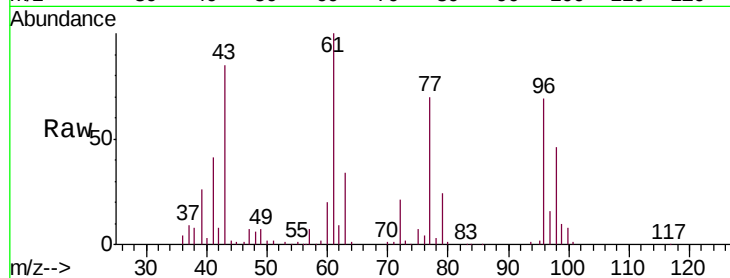
VSTDCCC050

Tgt Ion: 43 Resp: 55863

Ion Ratio Lower Upper

43 100

72 25.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 49.882 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008142.D

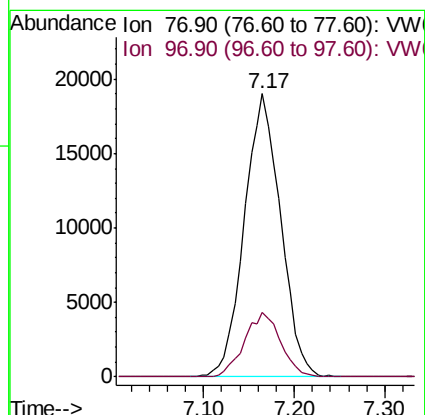
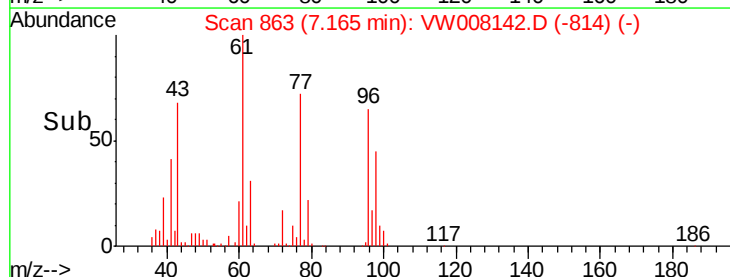
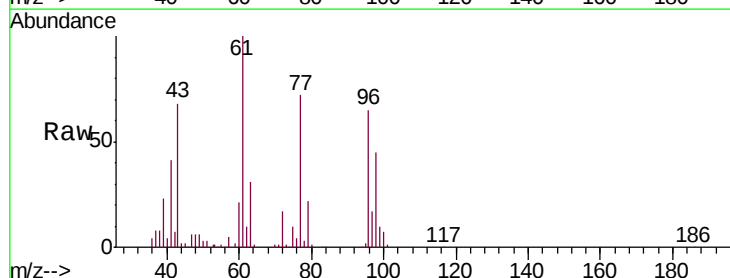
Acq: 10 Jan 2019 11:40

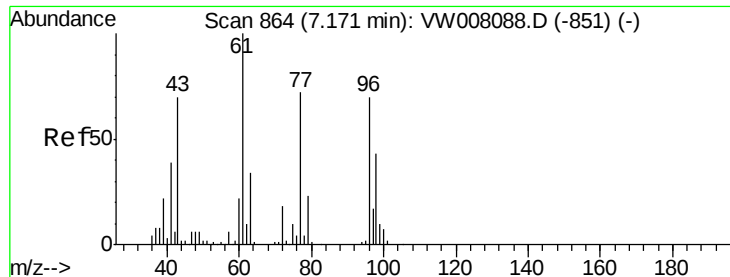
Tgt Ion: 77 Resp: 52645

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1



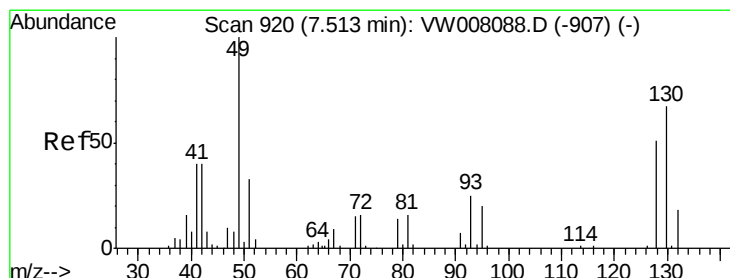
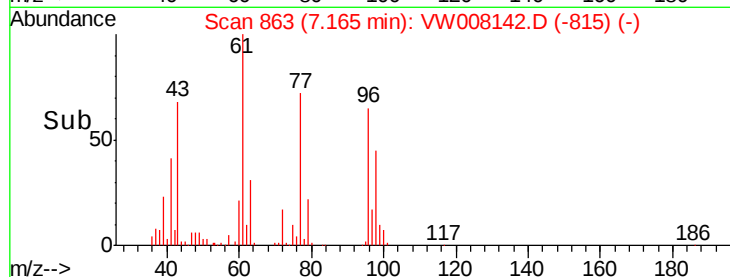
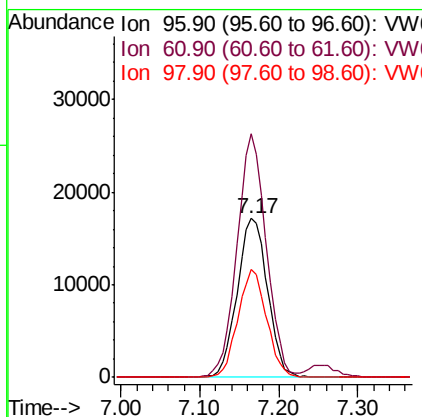
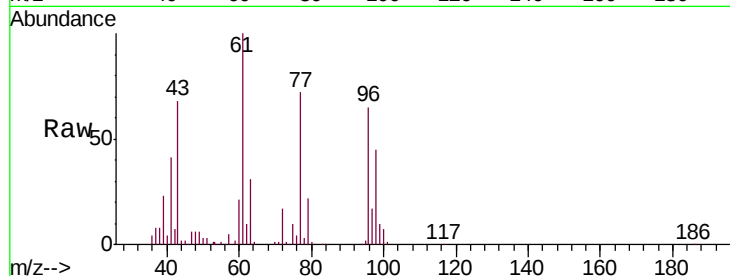


#27

cis-1,2-Dichloroethene
Concen: 50.228 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

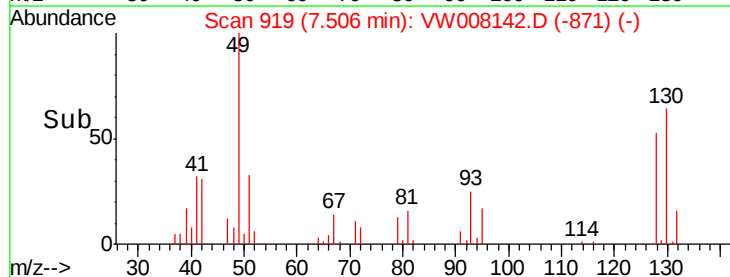
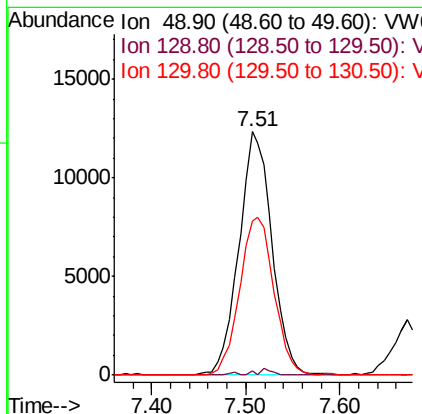
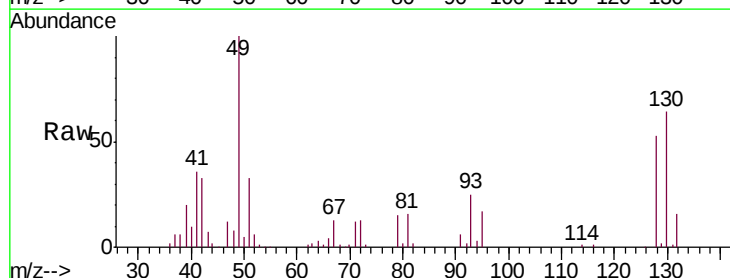
Tgt Ion: 96 Resp: 45977
Ion Ratio Lower Upper
96 100
61 147.5 0.0 300.4
98 64.1 0.0 128.4

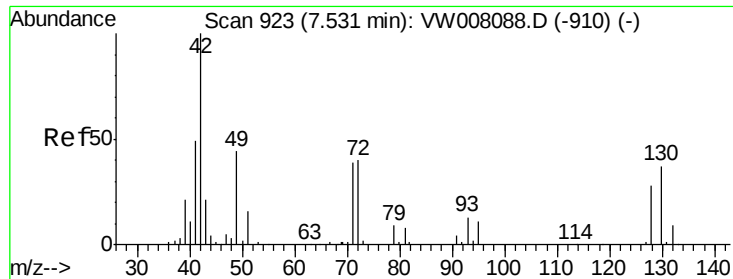


#28

Bromochloromethane
Concen: 49.068 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Tgt Ion: 49 Resp: 30230
Ion Ratio Lower Upper
49 100
129 1.1 0.0 2.8
130 67.2 54.3 81.5

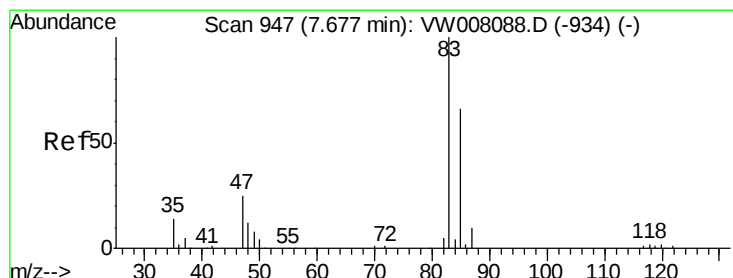
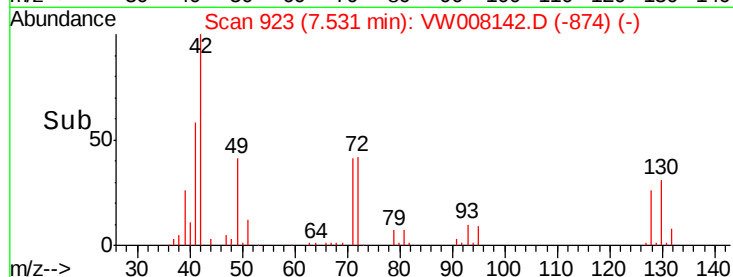
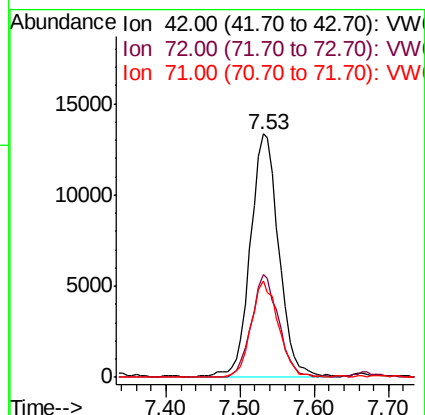
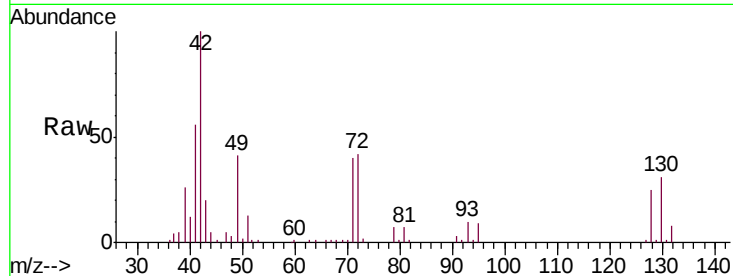




#29
Tetrahydrofuran
Concen: 244.779 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

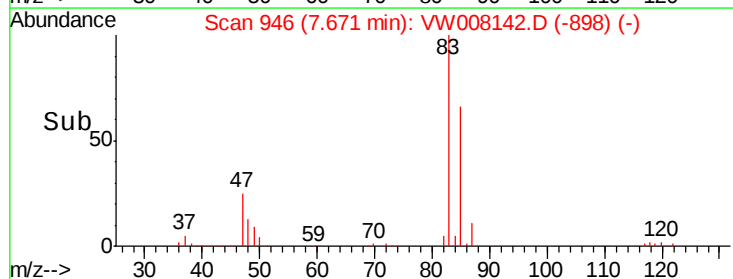
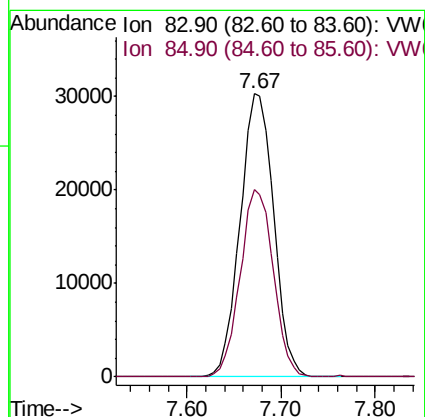
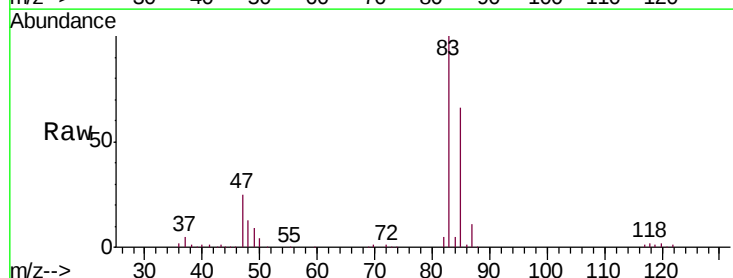
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

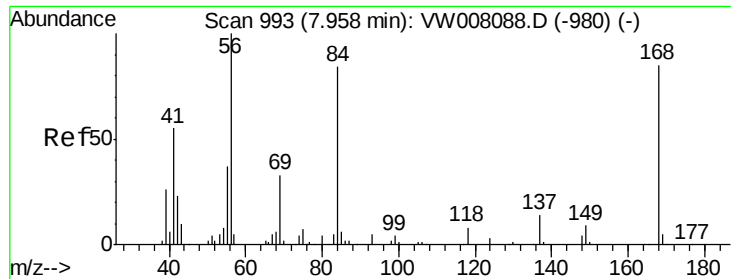
Tgt Ion: 42 Resp: 36046
Ion Ratio Lower Upper
42 100
72 40.1 32.4 48.6
71 37.9 31.3 46.9



#30
Chloroform
Concen: 50.743 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Tgt Ion: 83 Resp: 75233
Ion Ratio Lower Upper
83 100
85 66.3 53.2 79.8

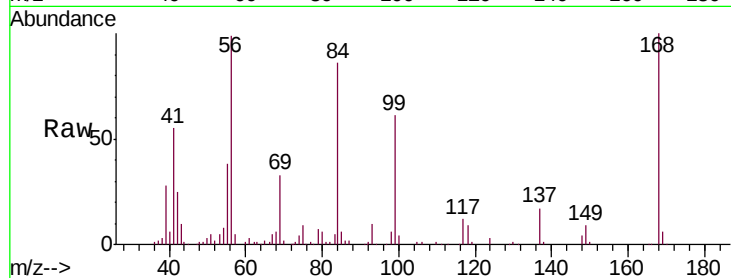




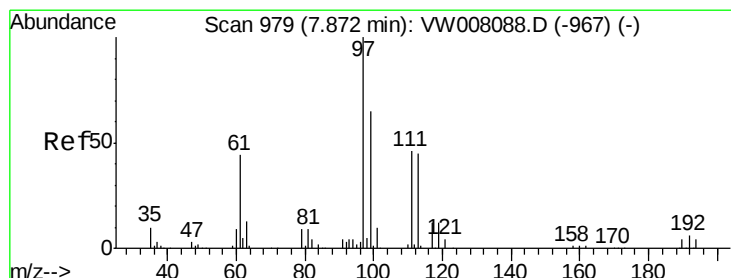
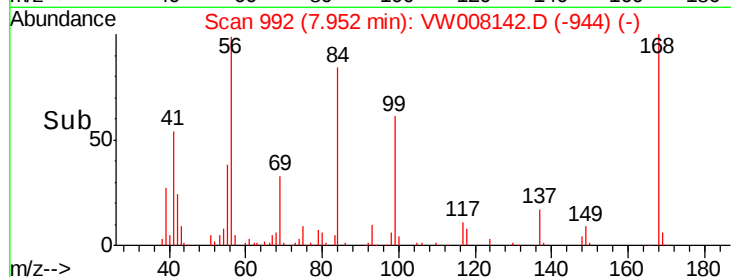
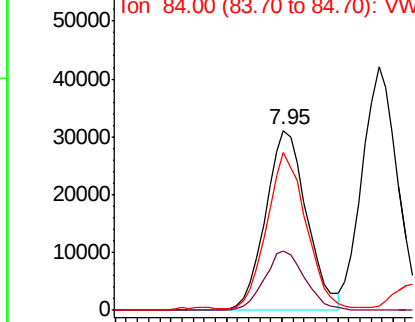
#31
Cyclohexane
Concen: 47.906 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 79881
Ion Ratio Lower Upper
56 100
69 33.1 26.2 39.4
84 86.1 67.4 101.2

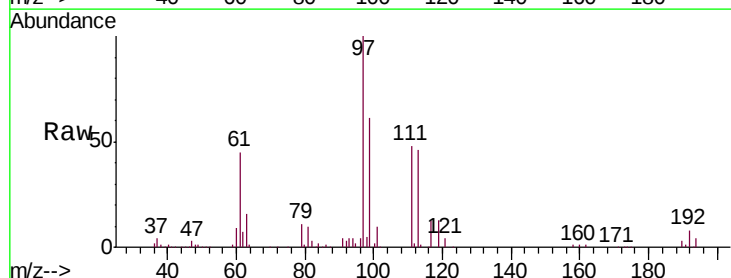


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

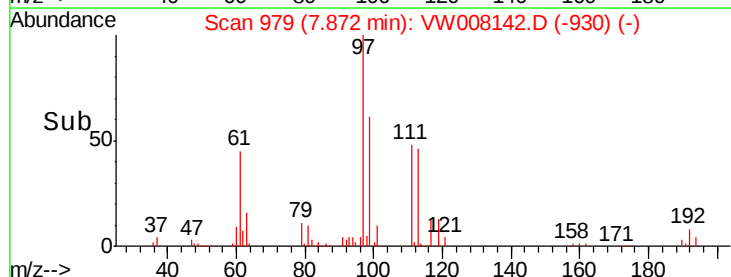
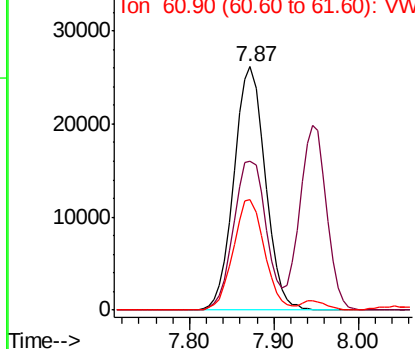


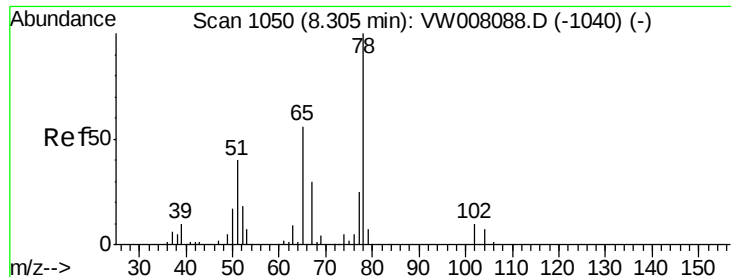
#32
1,1,1-Trichloroethane
Concen: 51.032 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Tgt Ion: 97 Resp: 65834
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 45.3 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

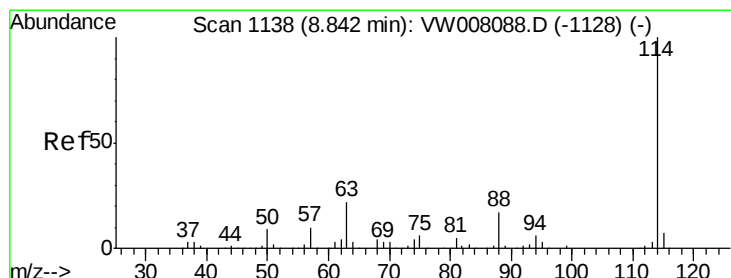
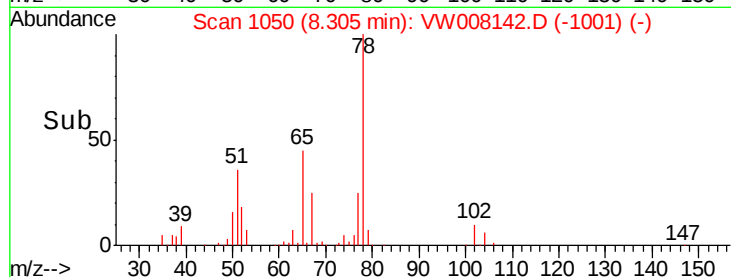
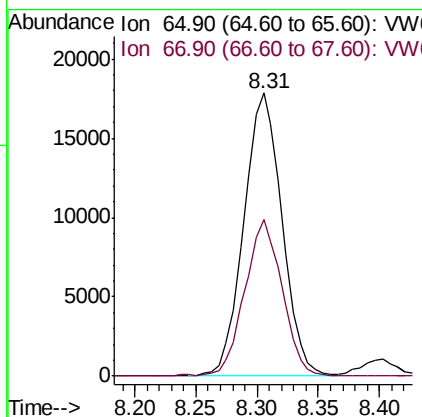
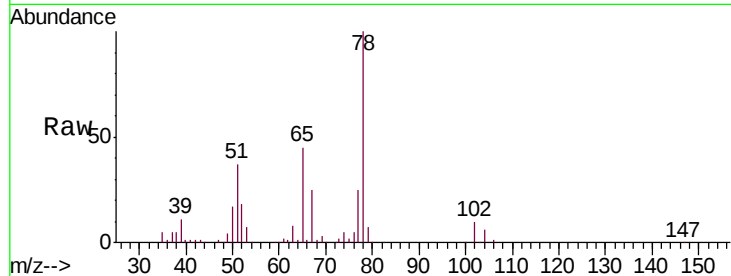




#33
 1,2-Dichloroethane-d4
 Concen: 48.905 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

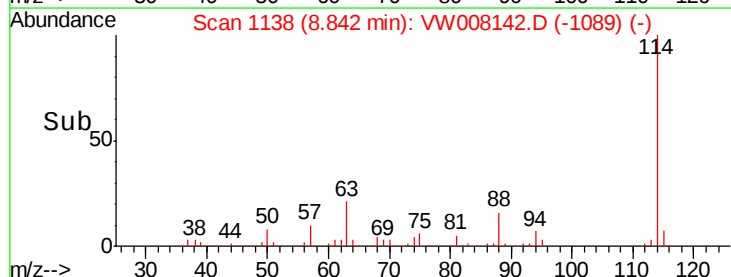
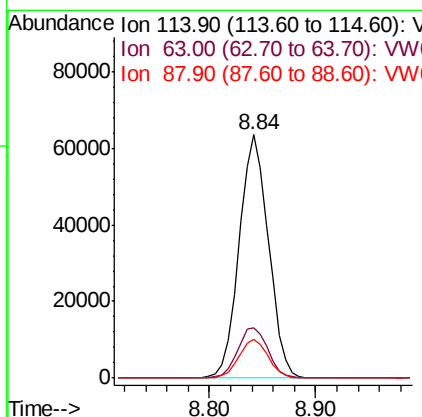
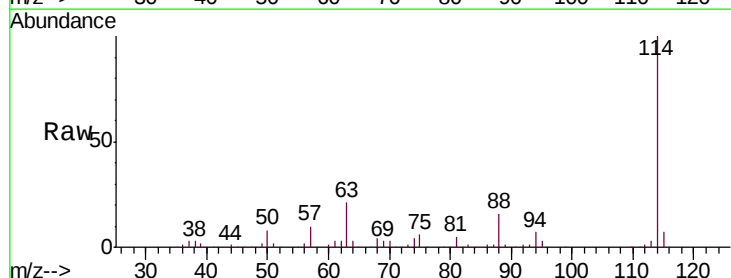
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

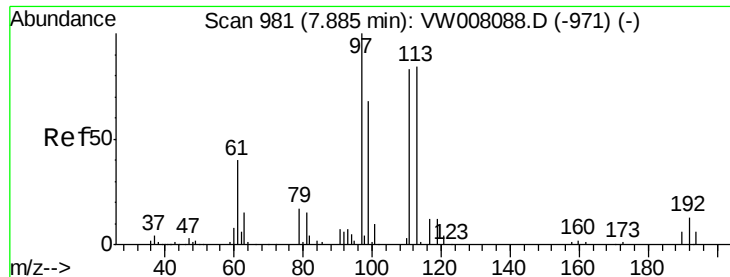
Tgt Ion: 65 Resp: 38749
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

Tgt Ion: 114 Resp: 122830
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.4
 88 15.7 0.0 33.4

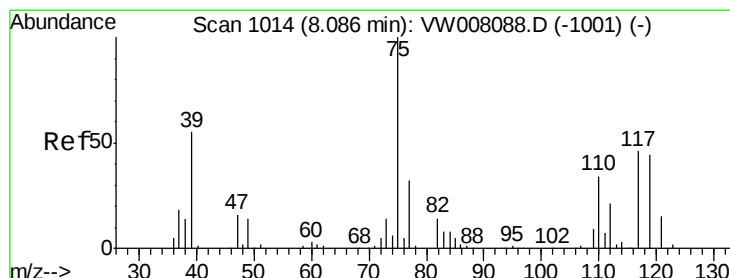
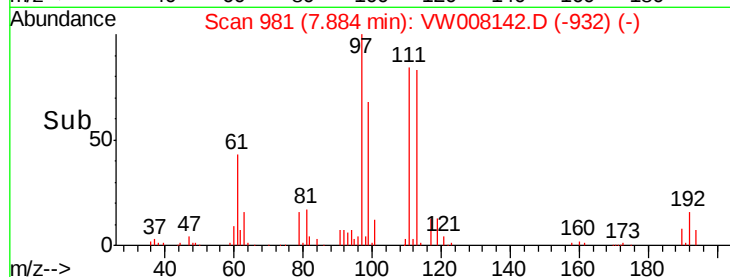
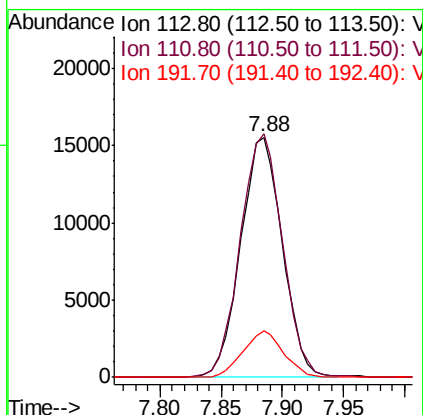
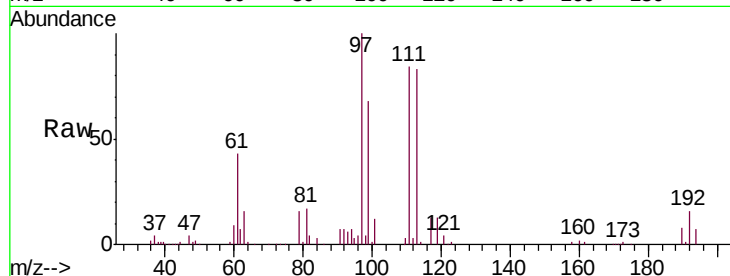




#35
 Dibromofluoromethane
 Concen: 51.362 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

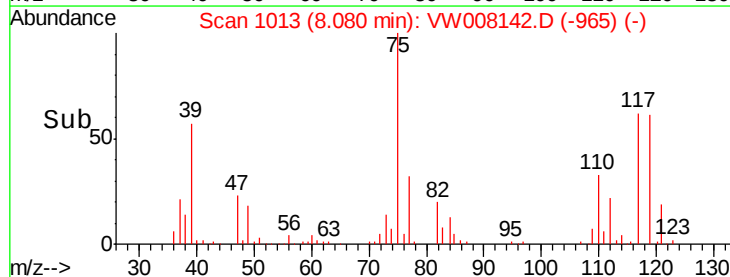
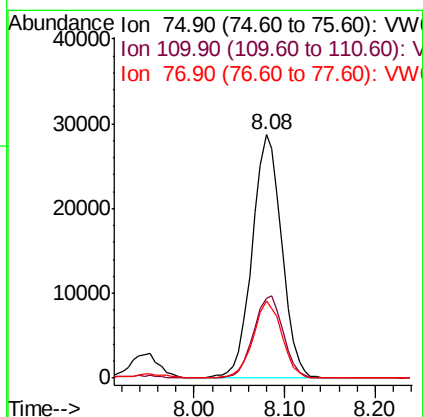
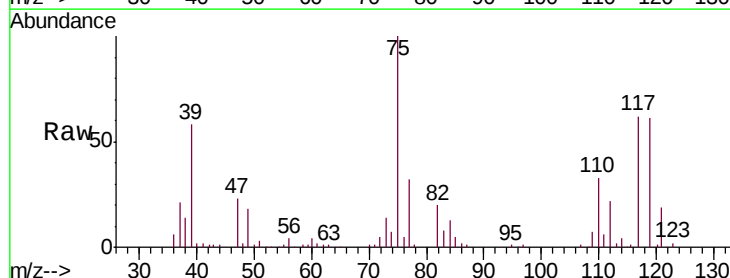
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

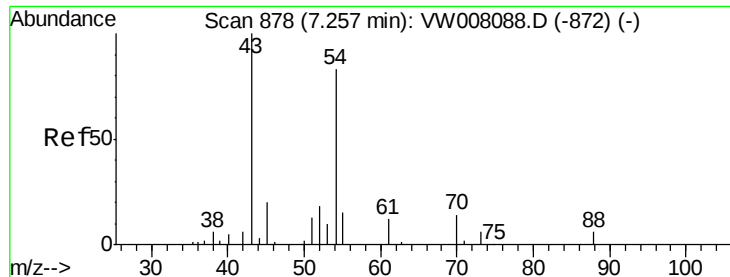
Tgt Ion: 113 Resp: 36795
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.8 122.8
 192 18.7 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 51.095 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

Tgt Ion: 75 Resp: 64649
 Ion Ratio Lower Upper
 75 100
 110 33.9 17.1 51.3
 77 31.2 25.5 38.3

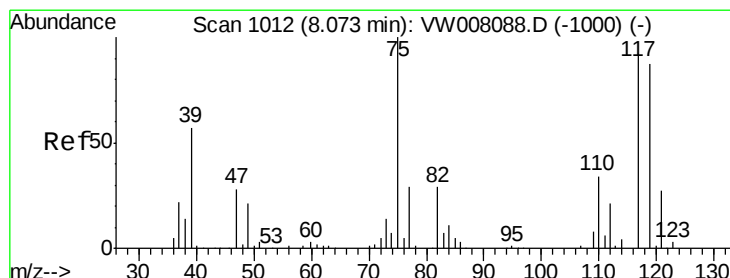
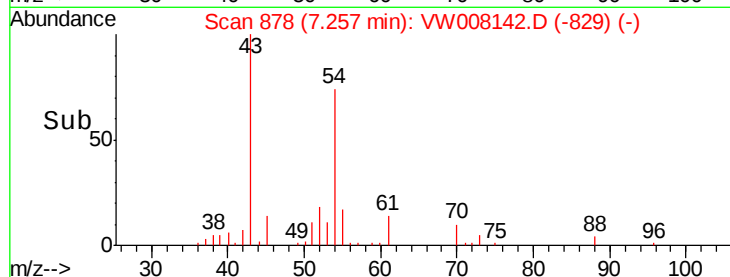
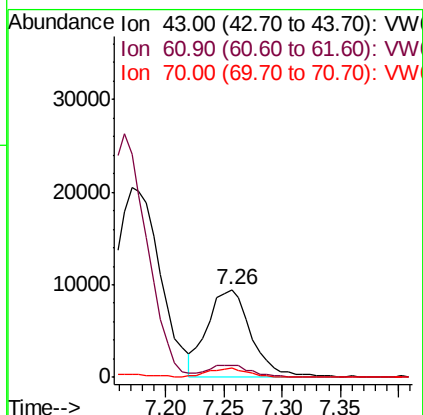
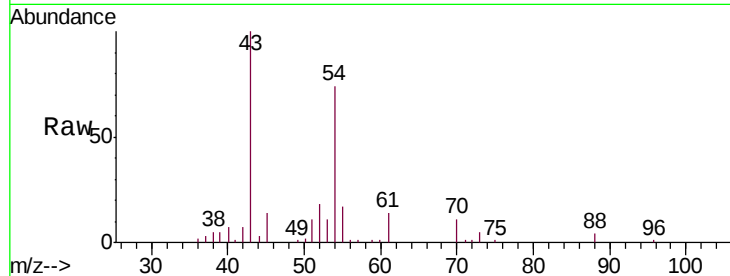




#37
Ethyl Acetate
Concen: 47.867 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

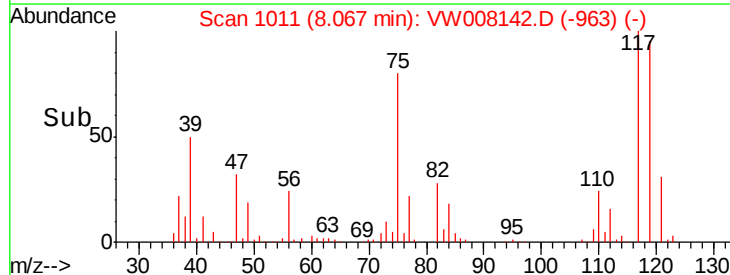
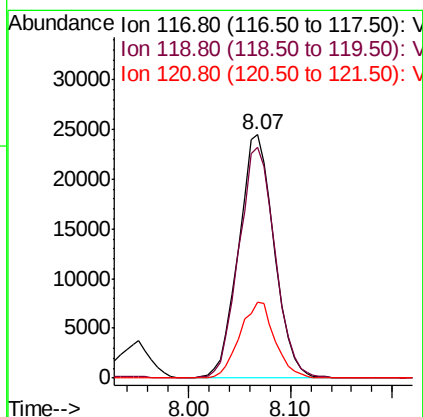
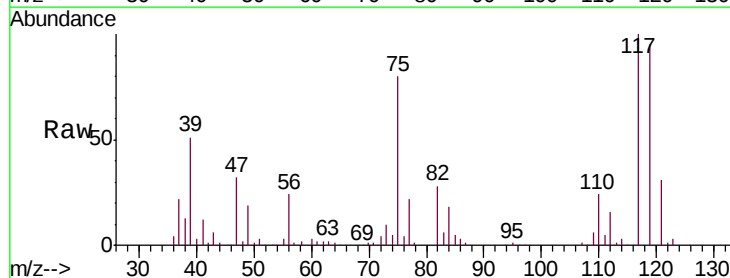
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

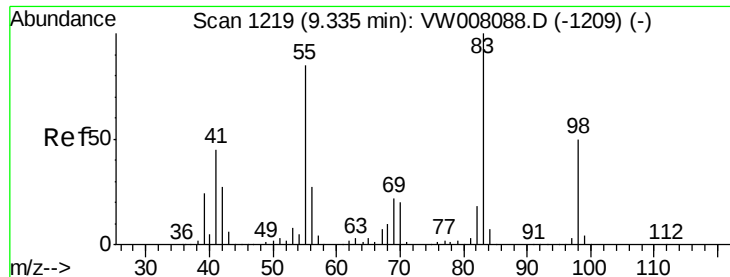
Tgt Ion: 43 Resp: 24264
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 10.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 51.267 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Tgt Ion: 117 Resp: 59371
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8
121 31.2 23.7 35.5

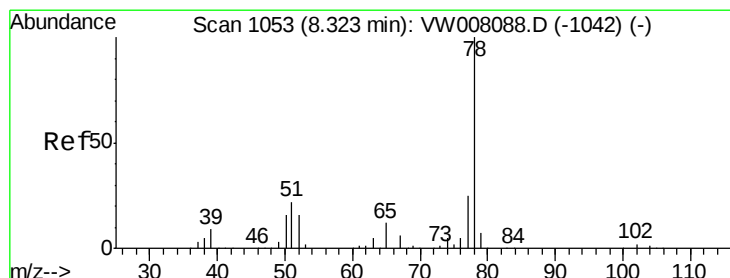
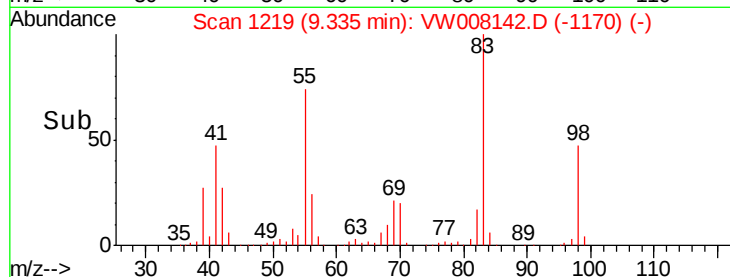
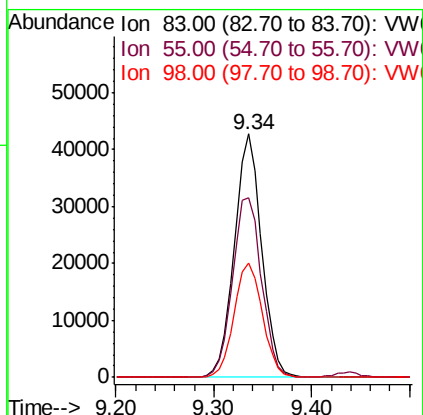
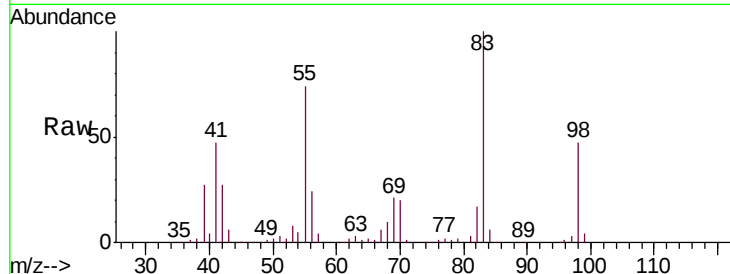




#39
Methylcyclohexane
Concen: 51.682 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

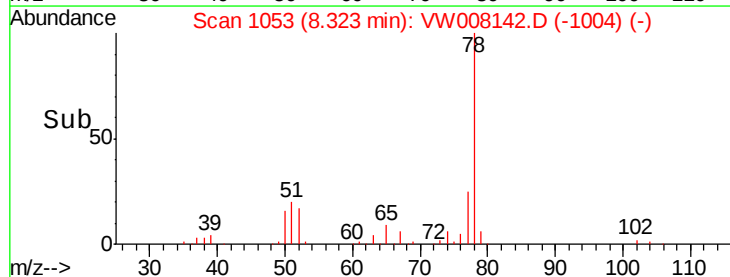
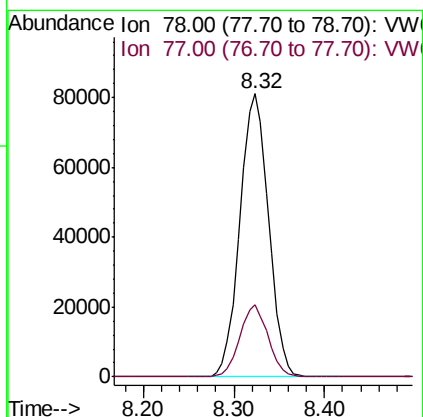
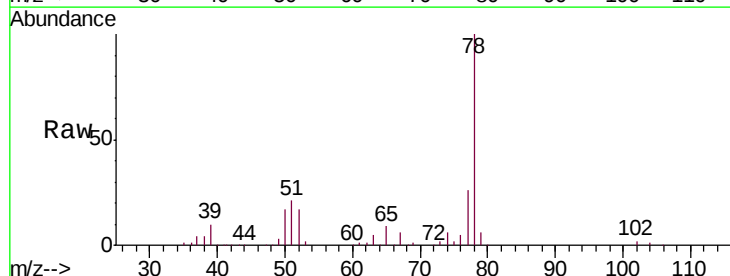
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

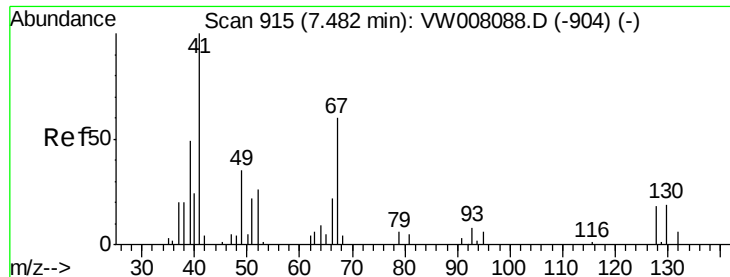
Tgt Ion: 83 Resp: 82916
Ion Ratio Lower Upper
83 100
55 73.7 67.8 101.6
98 47.1 40.2 60.4



#40
Benzene
Concen: 51.795 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Tgt Ion: 78 Resp: 177748
Ion Ratio Lower Upper
78 100
77 25.5 20.2 30.4

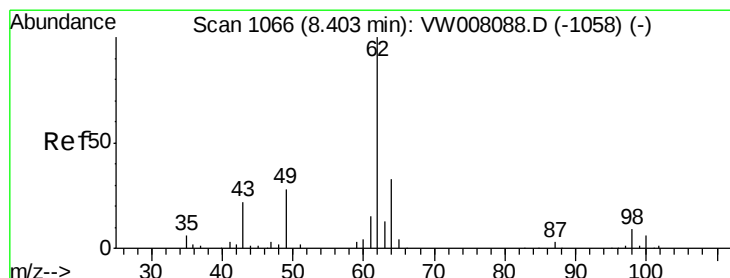
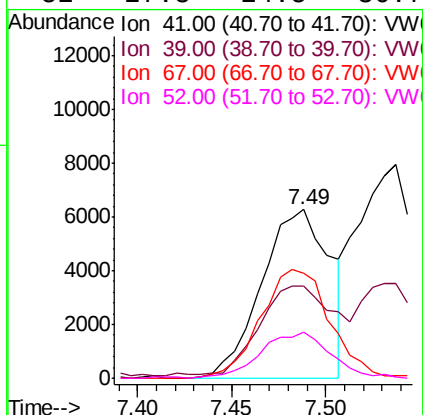
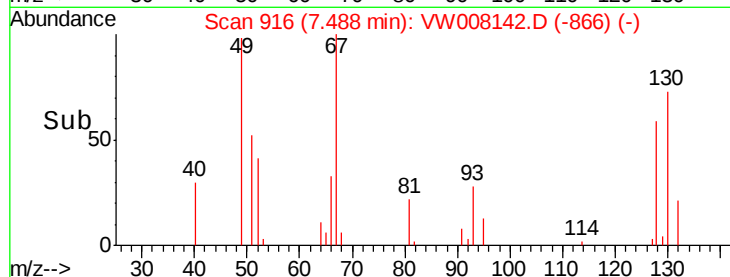
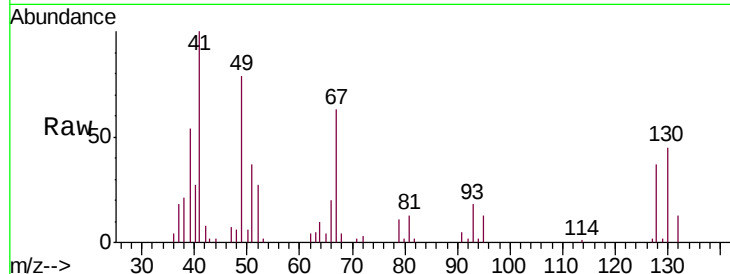




#41
Methacrylonitrile
Concen: 49.289 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

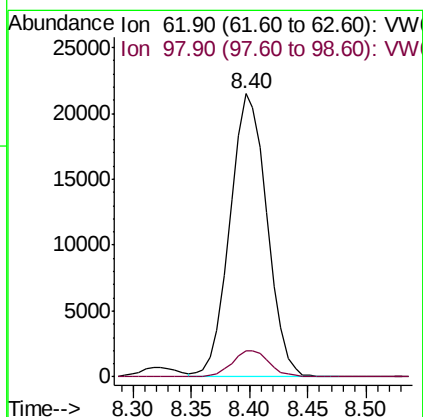
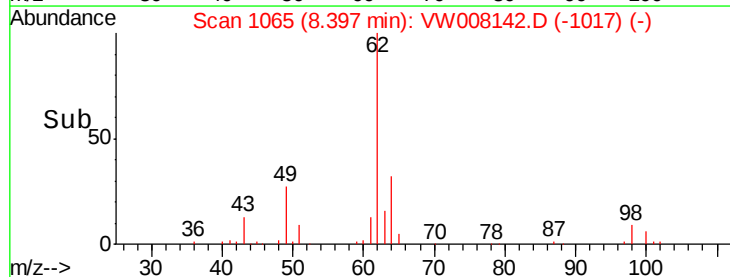
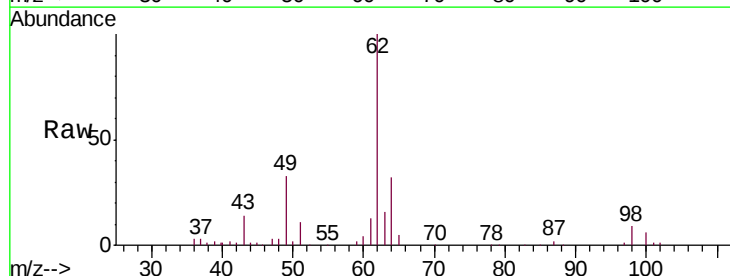
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

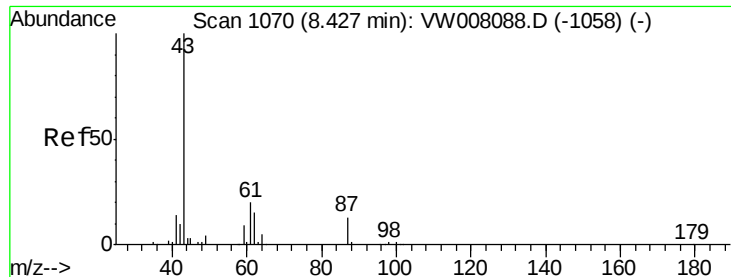
Tgt Ion:	41	Resp:	15783
Ion	Ratio	Lower	Upper
41	100		
39	60.5	47.9	71.9
67	65.5	56.3	84.5
52	27.8	24.5	36.7



#42
1,2-Dichloroethane
Concen: 49.352 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Tgt Ion:	62	Resp:	47635
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6





#43

Isopropyl Acetate

Concen: 48.356 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

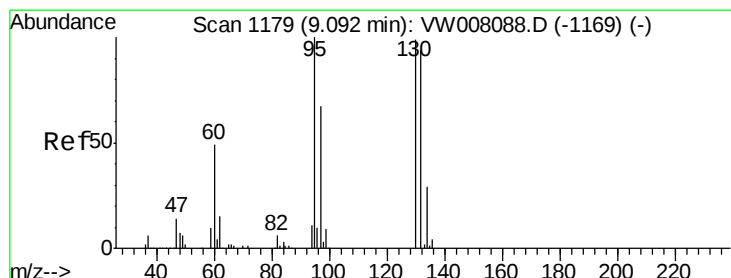
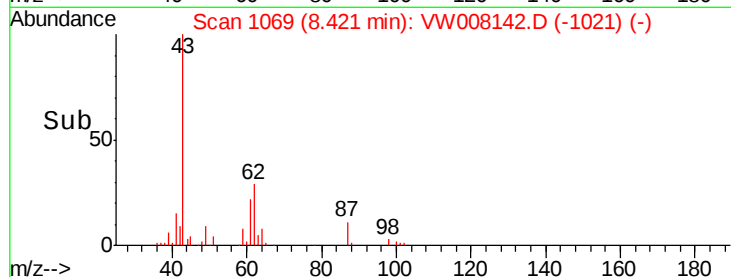
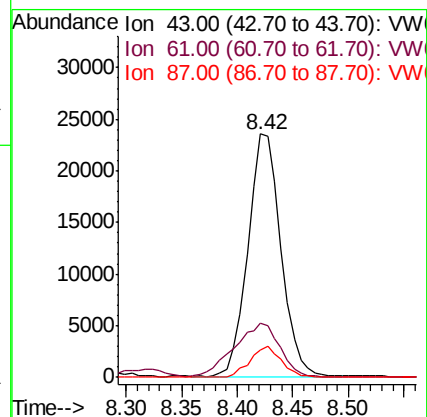
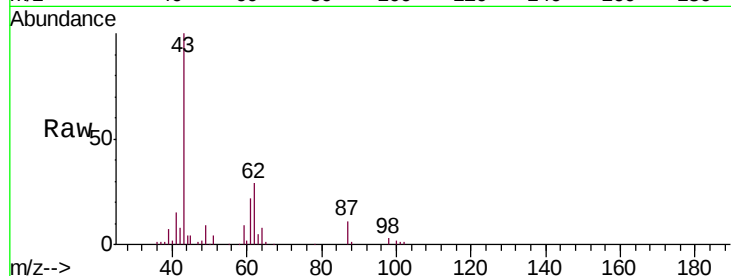
Tgt Ion: 43 Resp: 49009

Ion Ratio Lower Upper

43 100

61 30.7 24.8 37.2

87 12.2 10.4 15.6



#44

Trichloroethene

Concen: 50.537 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008142.D

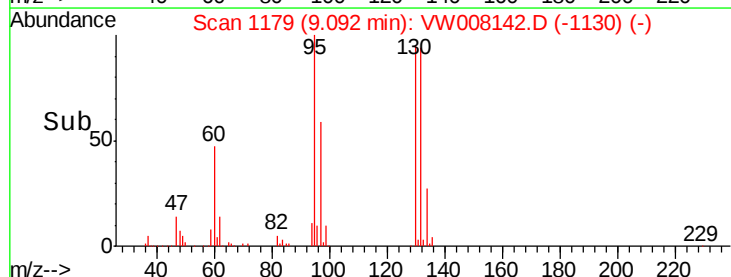
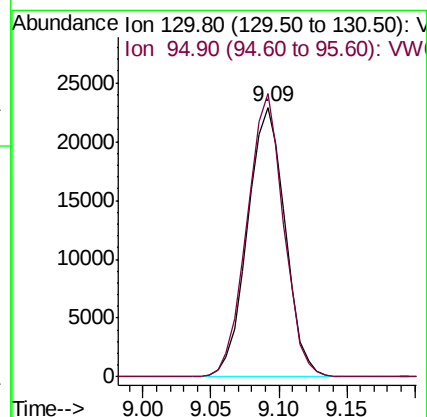
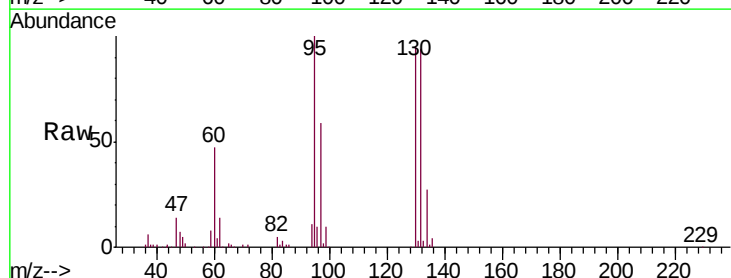
Acq: 10 Jan 2019 11:40

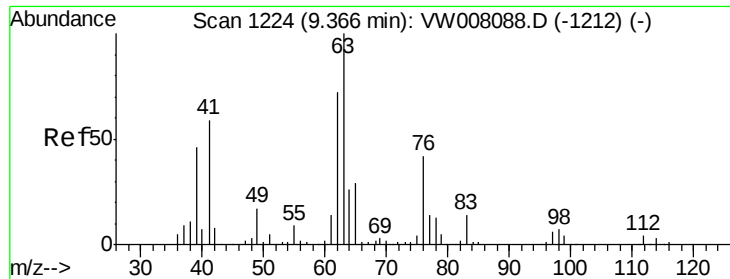
Tgt Ion: 130 Resp: 44396

Ion Ratio Lower Upper

130 100

95 105.0 0.0 202.8

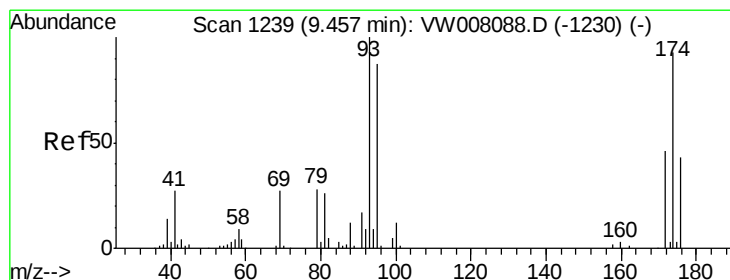
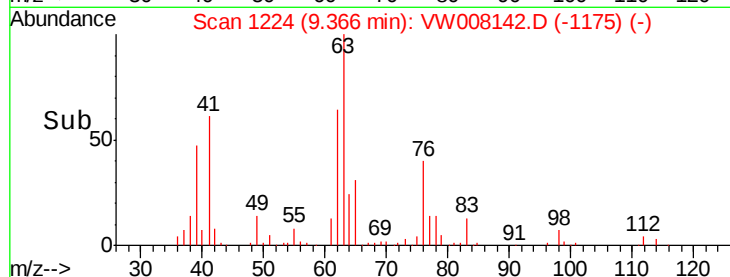
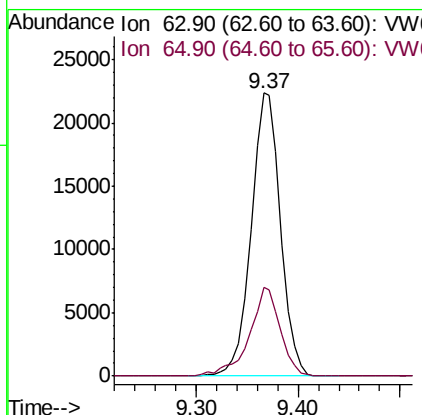
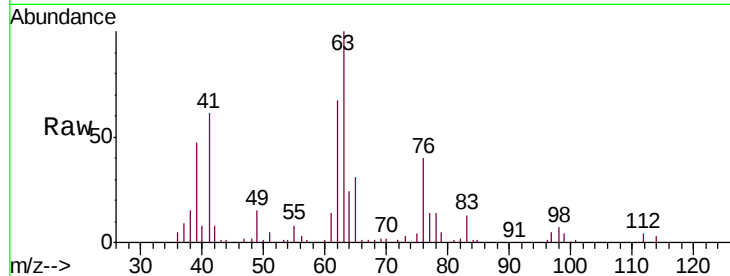




#45
 1,2-Dichloropropane
 Concen: 52.493 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

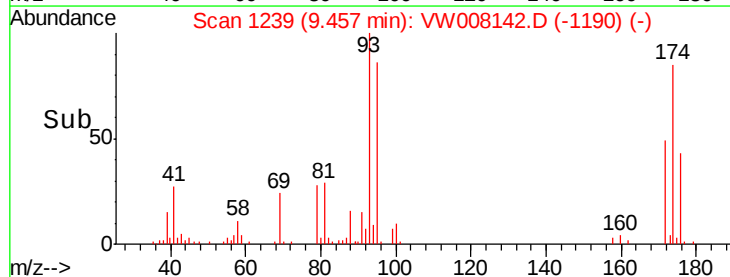
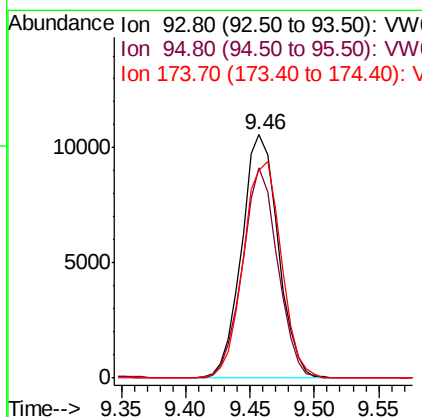
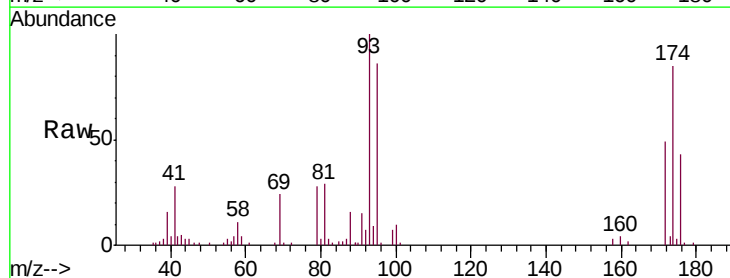
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

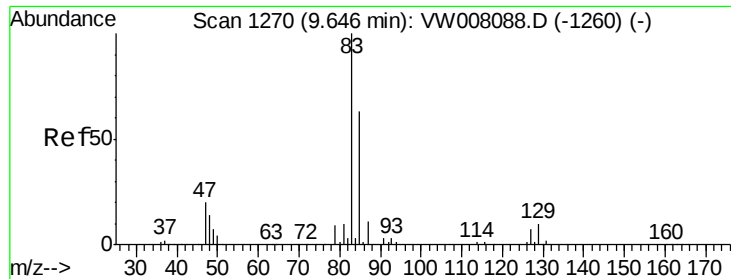
Tgt Ion: 63 Resp: 44668
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.3 34.9



#46
 Dibromomethane
 Concen: 49.615 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

Tgt Ion: 93 Resp: 20734
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.5 101.3
 174 91.9 72.5 108.7





#47

Bromodichloromethane

Concen: 51.690 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

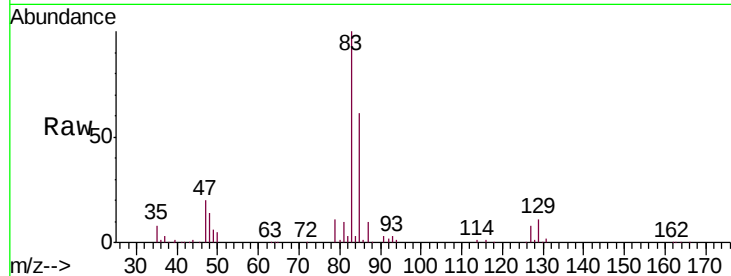
Tgt Ion: 83 Resp: 54850

Ion Ratio Lower Upper

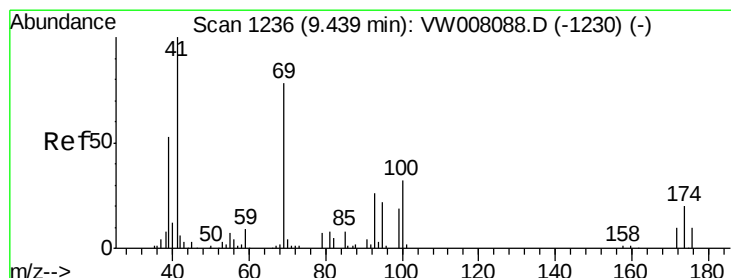
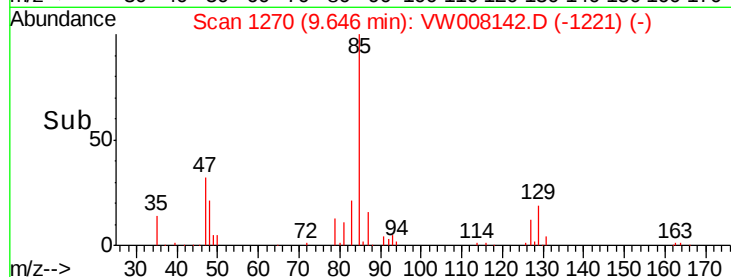
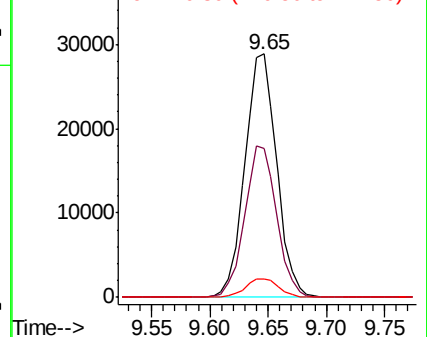
83 100

85 61.4 50.7 76.1

127 7.6 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): V



#48

Methyl methacrylate

Concen: 51.024 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

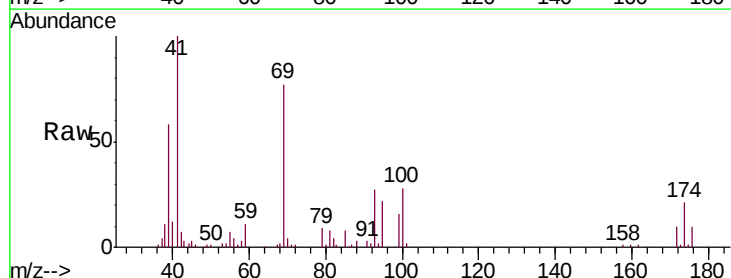
Tgt Ion: 41 Resp: 24401

Ion Ratio Lower Upper

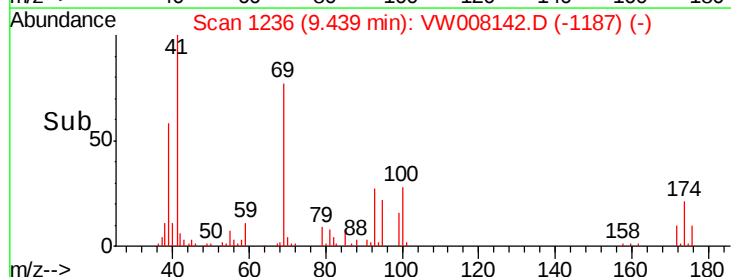
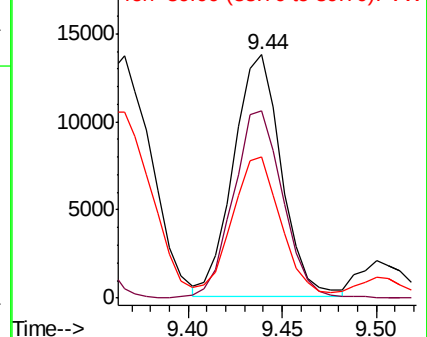
41 100

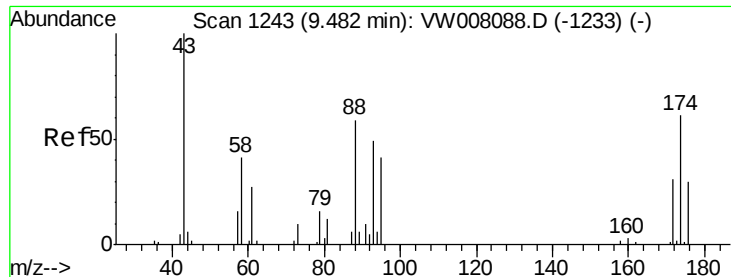
69 79.4 61.9 92.9

39 54.8 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

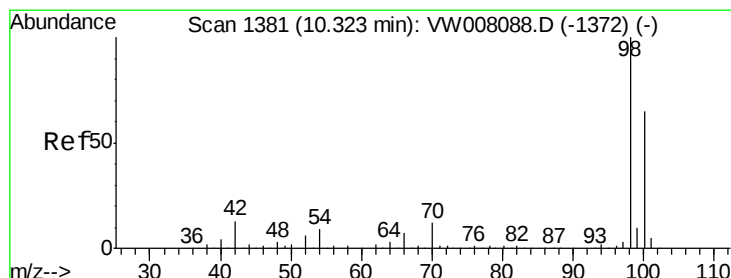
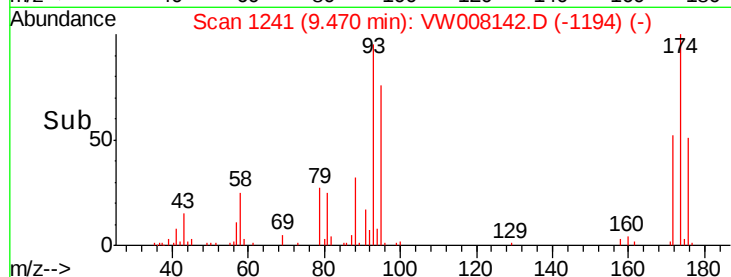
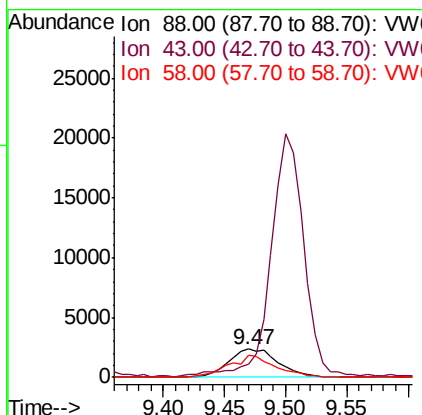
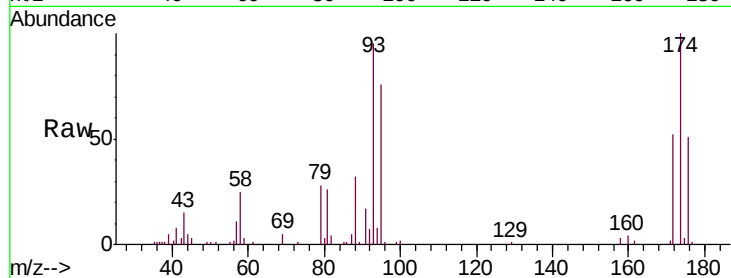




#49
1,4-Dioxane
Concen: 986.077 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

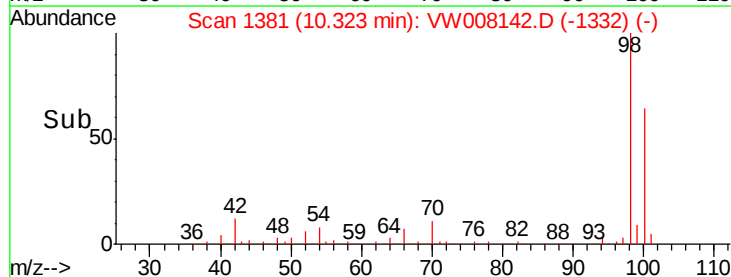
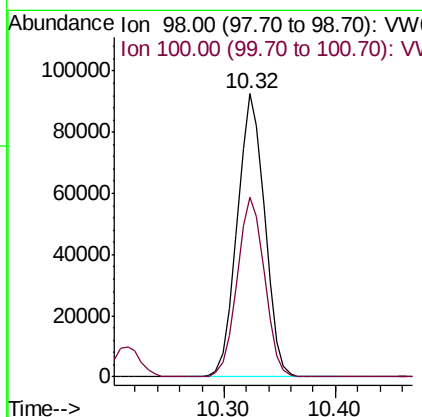
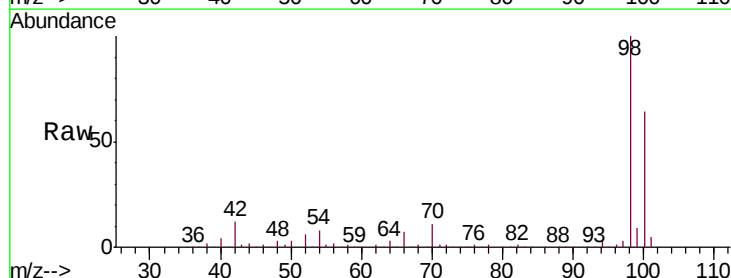
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

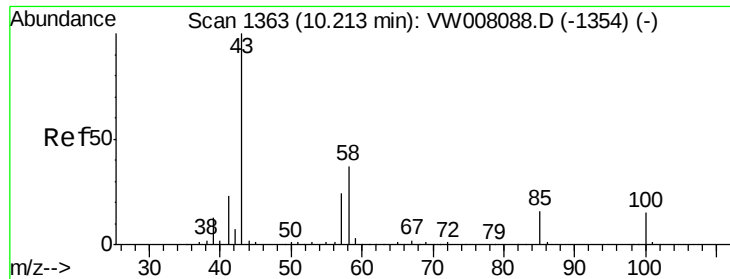
Tgt Ion: 88 Resp: 6627
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 75.5 61.7 92.5



#50
Toluene-d8
Concen: 52.513 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Tgt Ion: 98 Resp: 157867
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 245.174 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

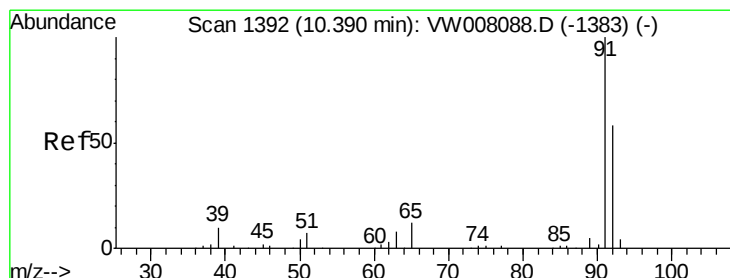
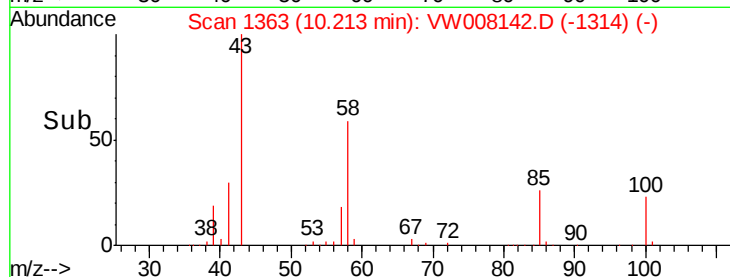
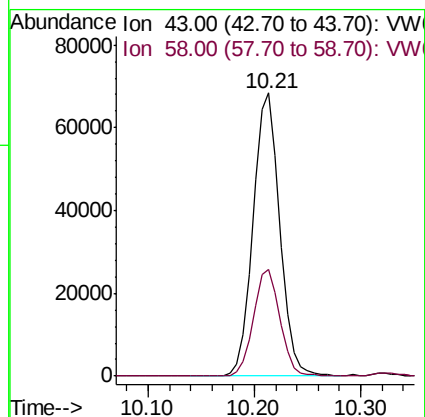
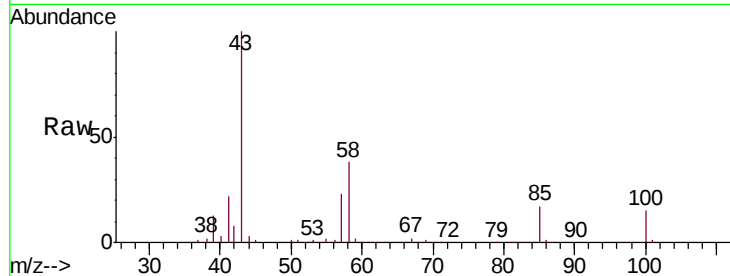
VSTDCCC050

Tgt Ion: 43 Resp: 120280

Ion Ratio Lower Upper

43 100

58 37.5 30.6 46.0



#52

Toluene

Concen: 51.257 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008142.D

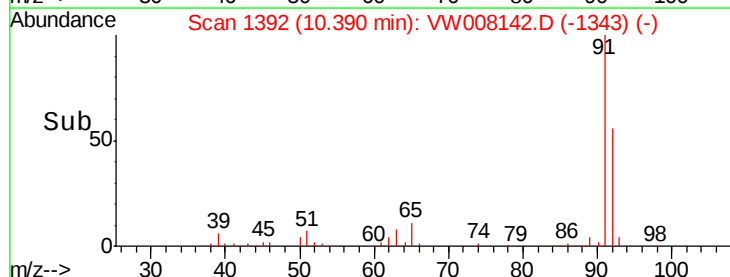
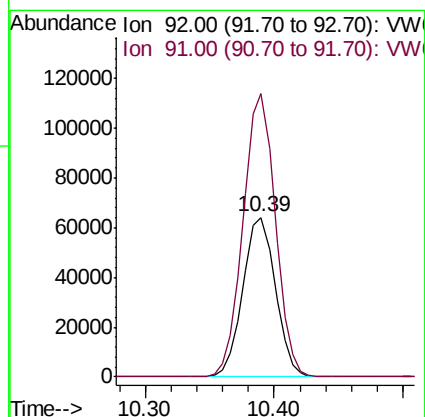
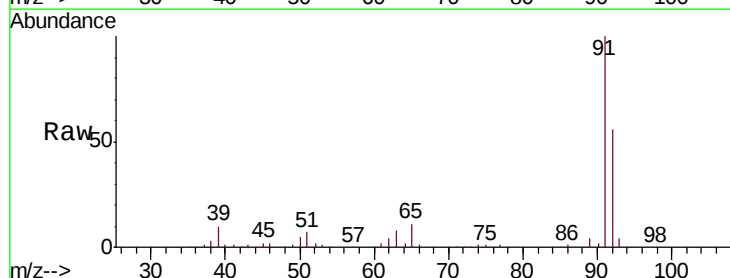
Acq: 10 Jan 2019 11:40

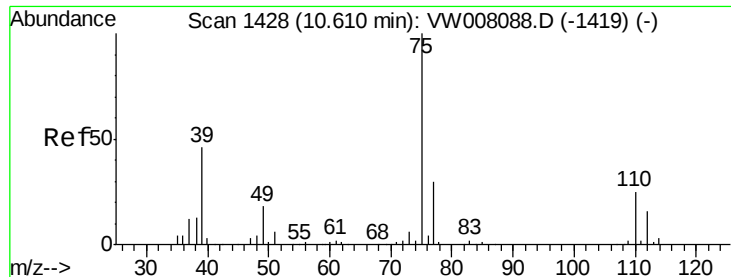
Tgt Ion: 92 Resp: 112338

Ion Ratio Lower Upper

92 100

91 175.0 137.0 205.4

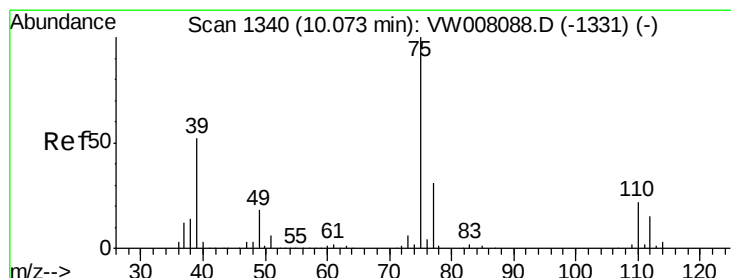
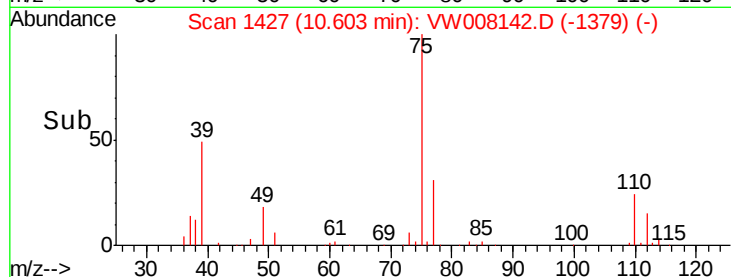
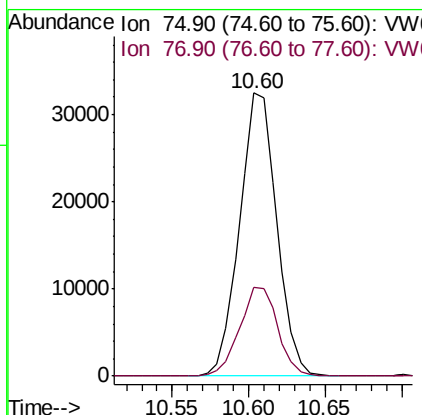
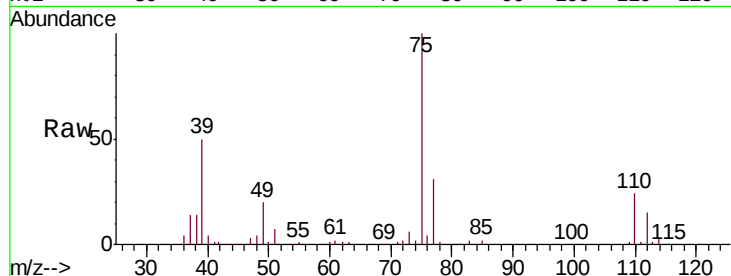




#53
 t-1,3-Dichloropropene
 Concen: 49.576 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

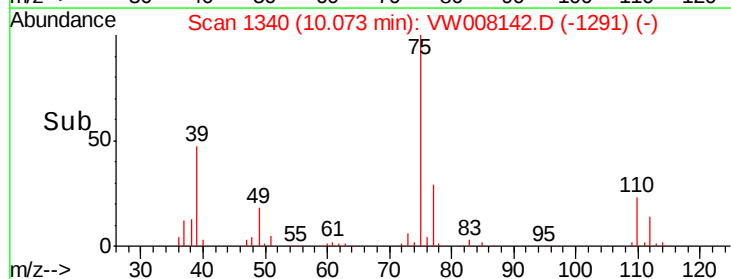
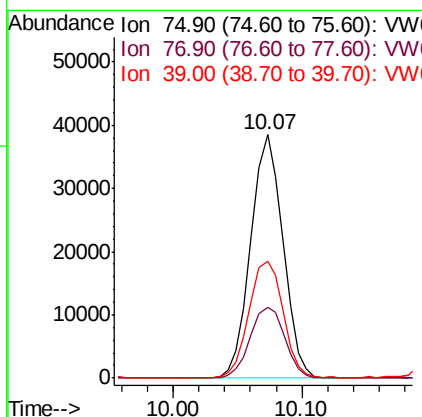
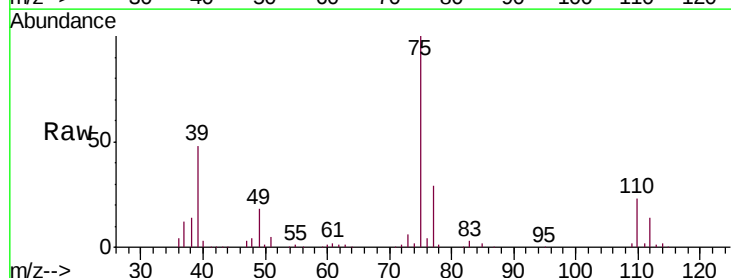
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

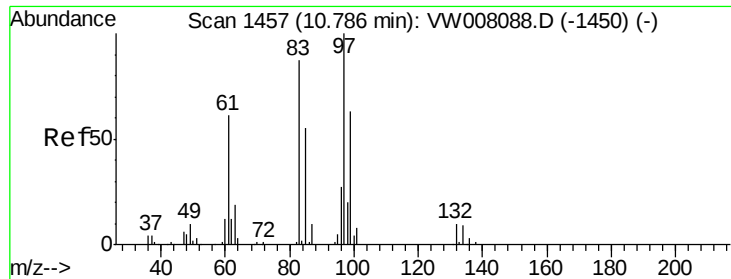
Tgt Ion: 75 Resp: 54720
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.4 36.6



#54
 cis-1,3-Dichloropropene
 Concen: 50.888 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

Tgt Ion: 75 Resp: 66605
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.2 37.8
 39 47.7 41.4 62.0

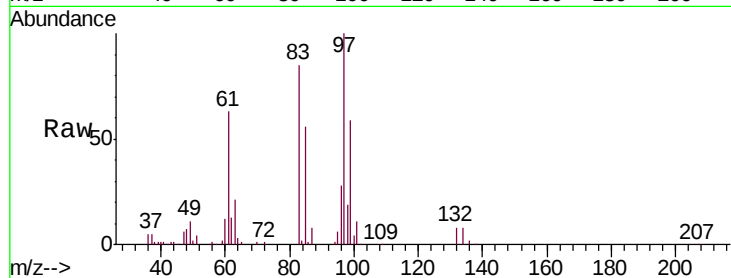




#55
 1,1,2-Trichloroethane
 Concen: 51.542 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	30241
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.3	103.9
85	55.7	43.8	65.6
99	58.7	50.0	75.0



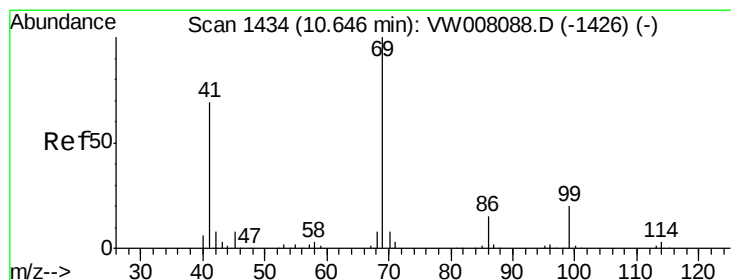
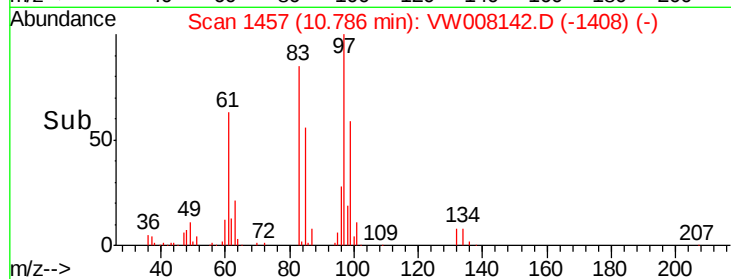
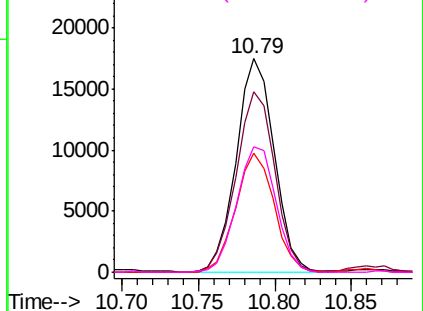
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

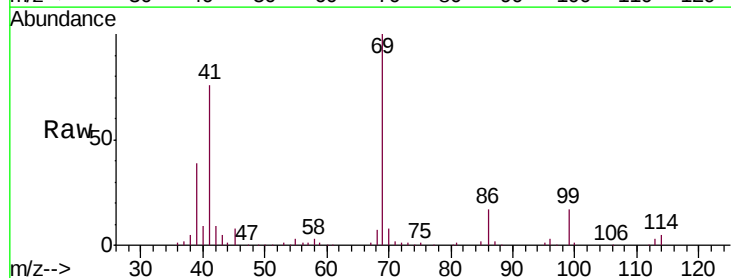
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 51.209 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

Tgt Ion:	69	Resp:	37209
Ion	Ratio	Lower	Upper
69	100		
41	73.9	56.4	84.6
39	37.5	28.1	42.1

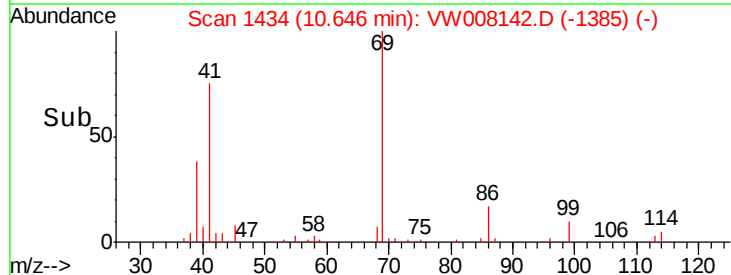
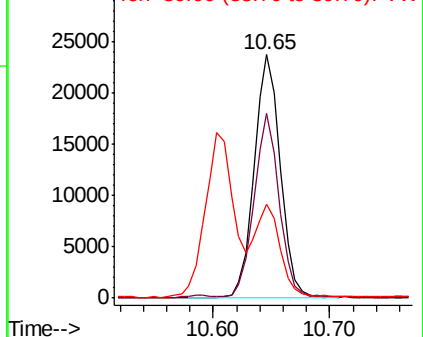


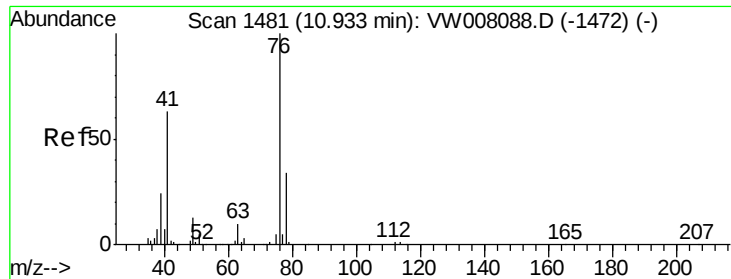
Abundance

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

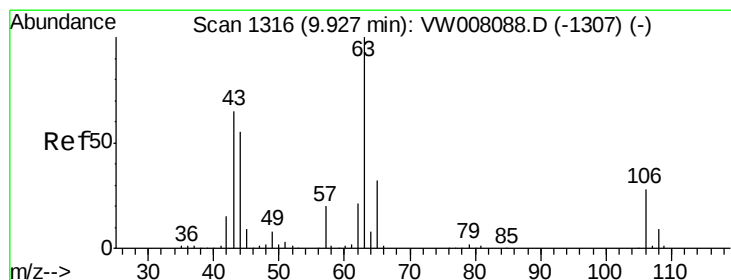
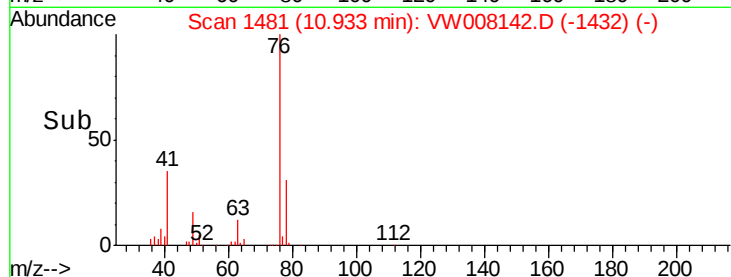
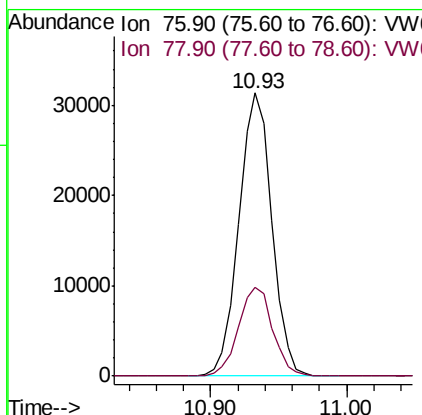
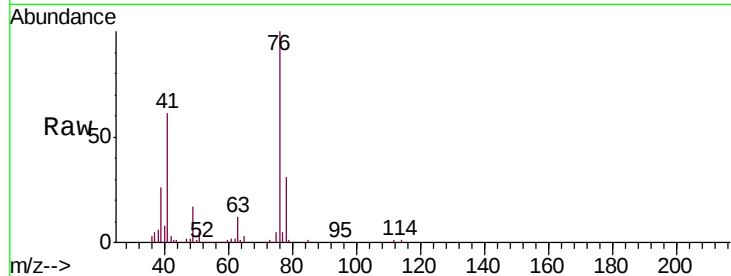




#57
 1,3-Dichloropropane
 Concen: 49.379 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

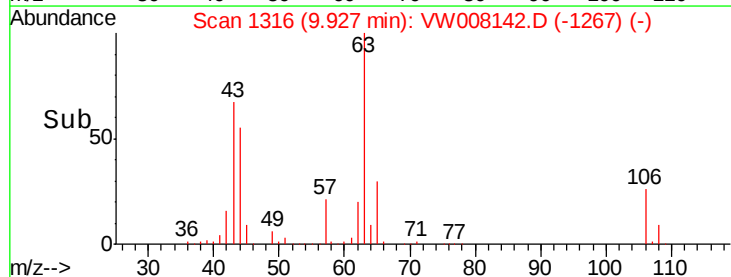
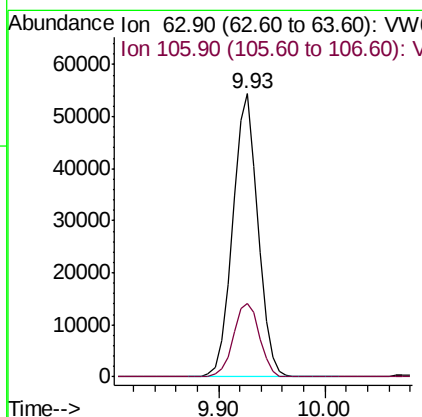
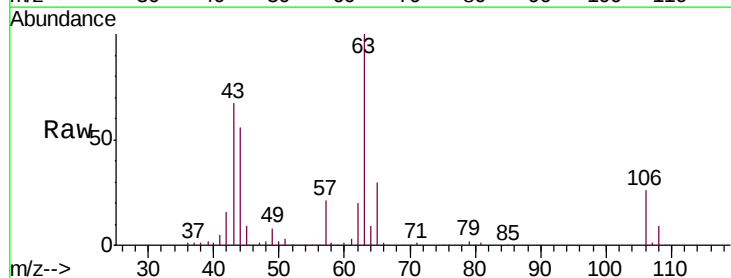
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

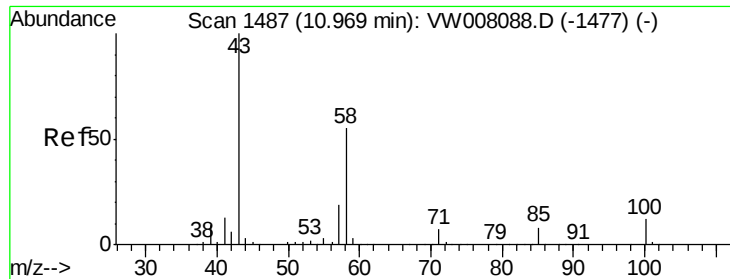
Tgt Ion: 76 Resp: 52986
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.028 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

Tgt Ion: 63 Resp: 90090
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.8 32.6

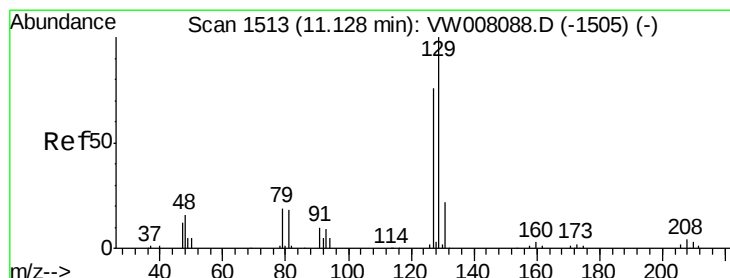
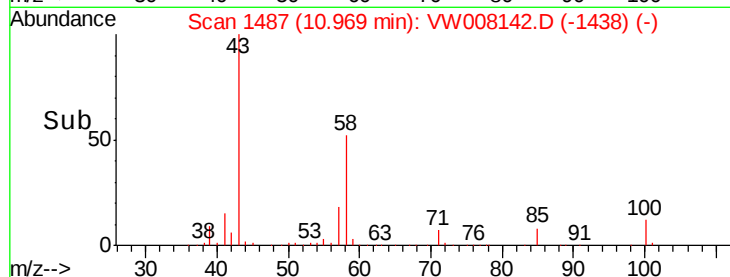
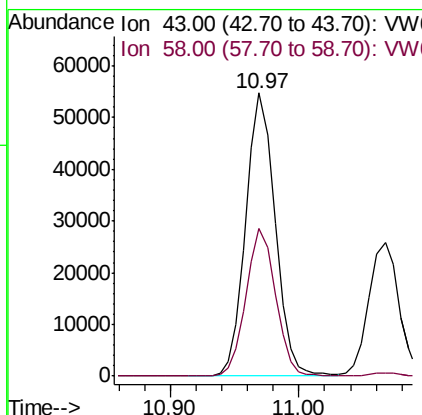
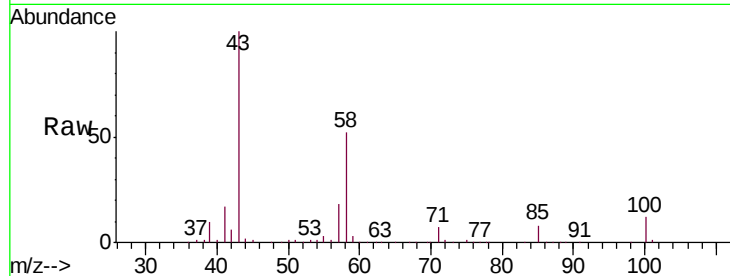




#59
2-Hexanone
Concen: 261.213 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

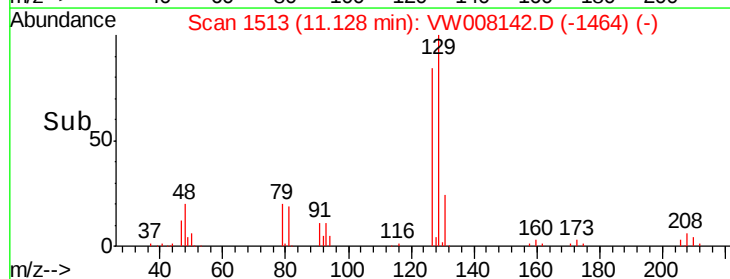
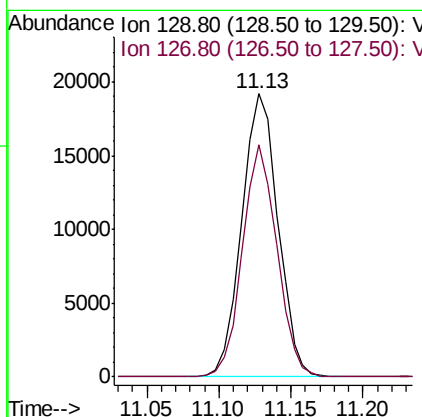
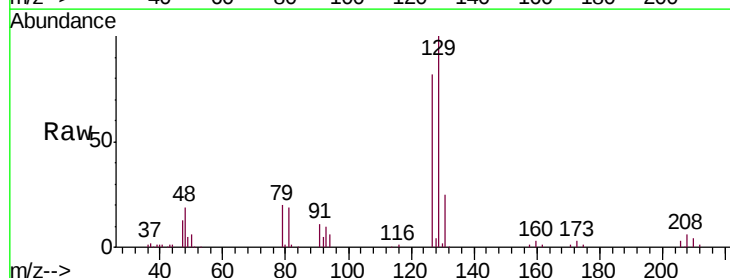
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

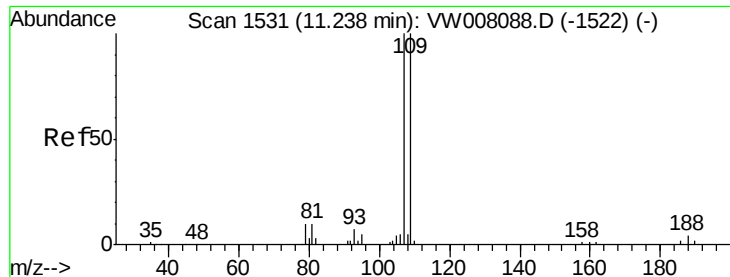
Tgt Ion: 43 Resp: 86660
Ion Ratio Lower Upper
43 100
58 52.3 27.2 81.5



#60
Dibromochloromethane
Concen: 51.837 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Tgt Ion: 129 Resp: 33398
Ion Ratio Lower Upper
129 100
127 78.2 38.9 116.6

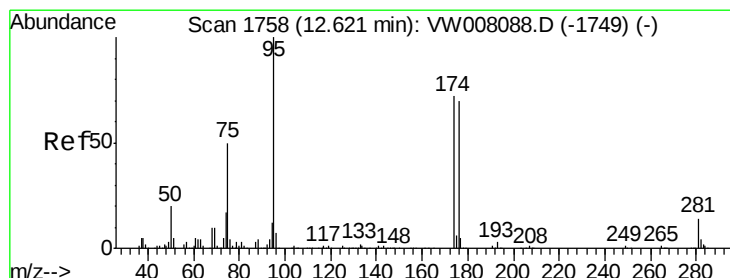
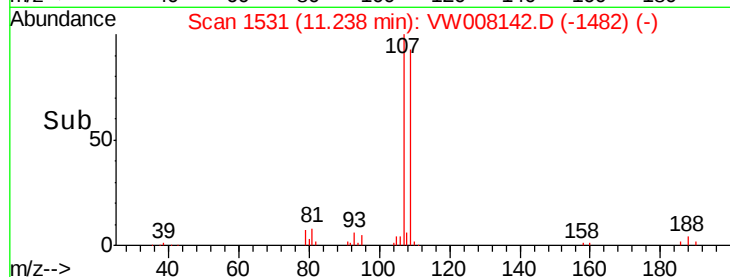
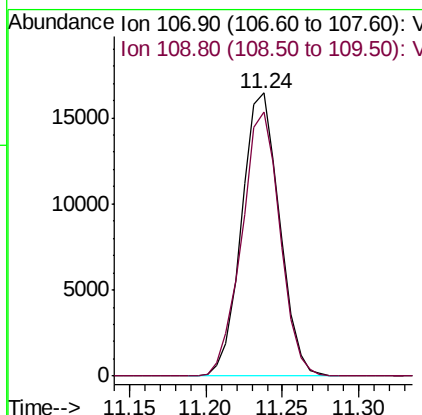
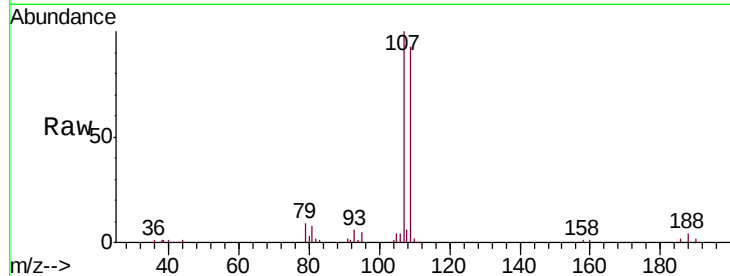




#61
 1,2-Dibromoethane
 Concen: 50.869 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

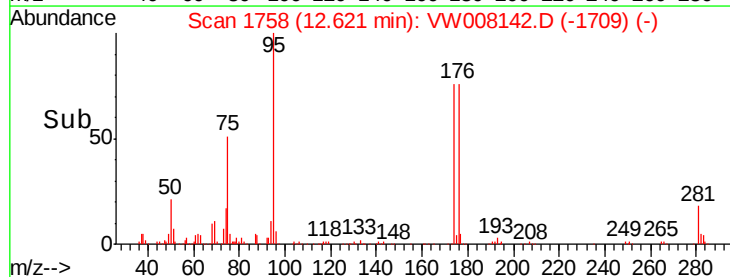
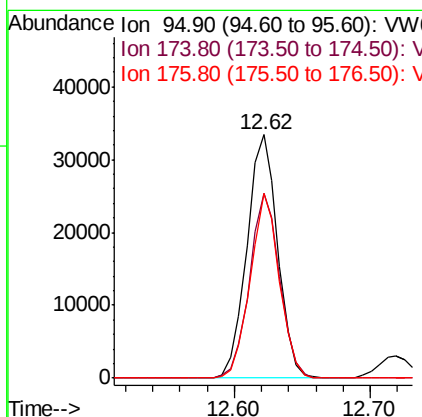
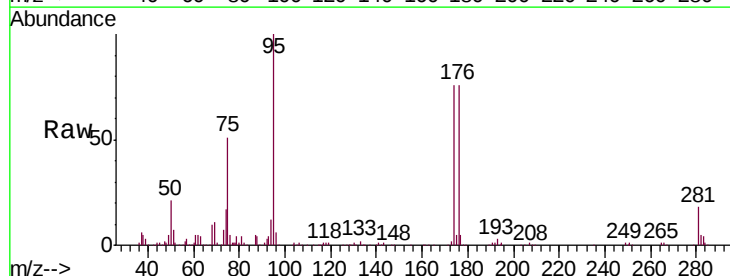
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

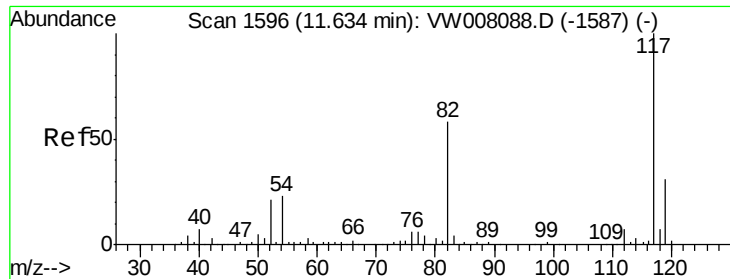
Tgt Ion: 107 Resp: 28320
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.055 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

Tgt Ion: 95 Resp: 52868
 Ion Ratio Lower Upper
 95 100
 174 74.5 0.0 143.0
 176 72.5 0.0 140.2

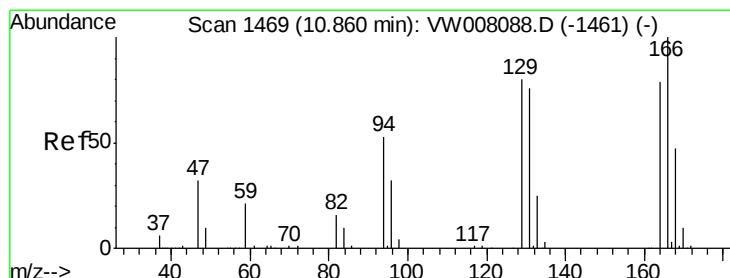
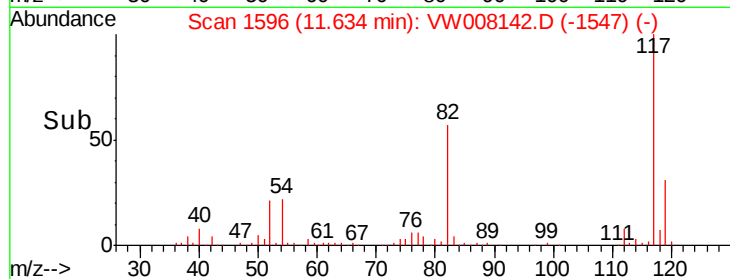
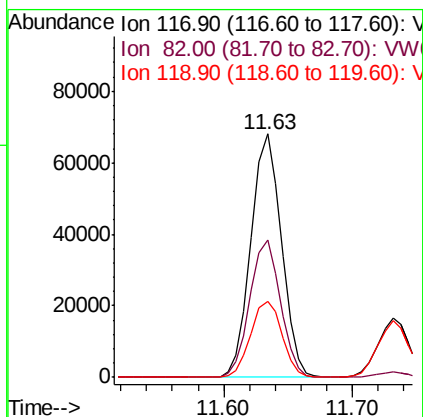
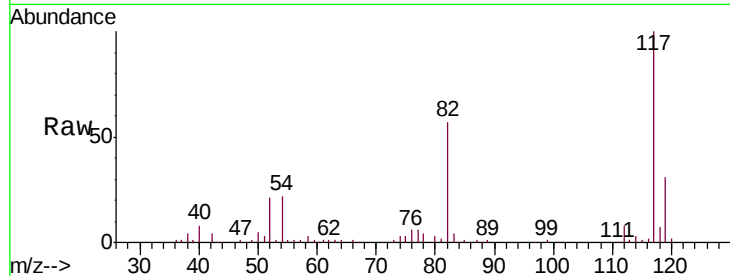




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

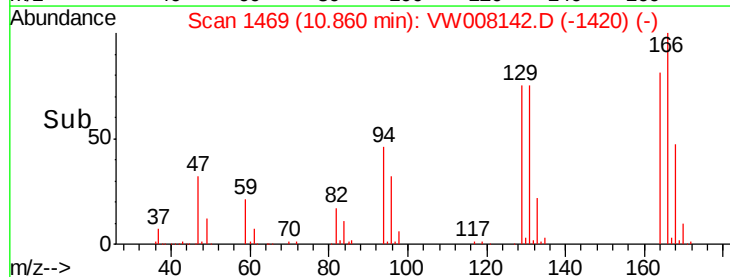
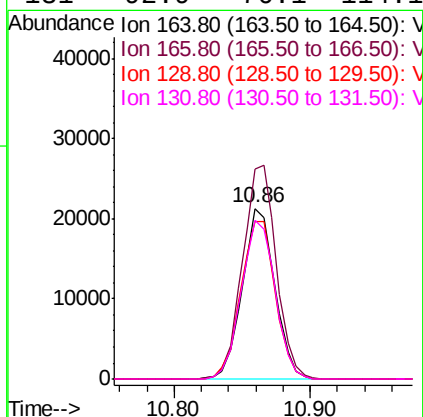
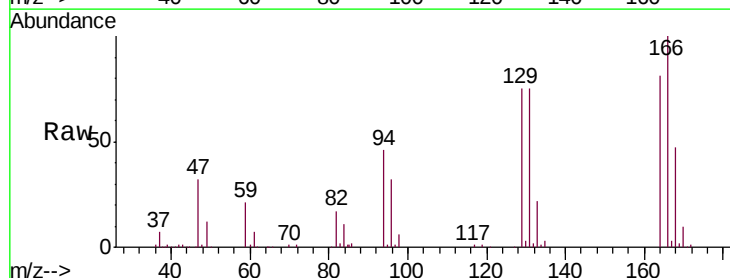
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

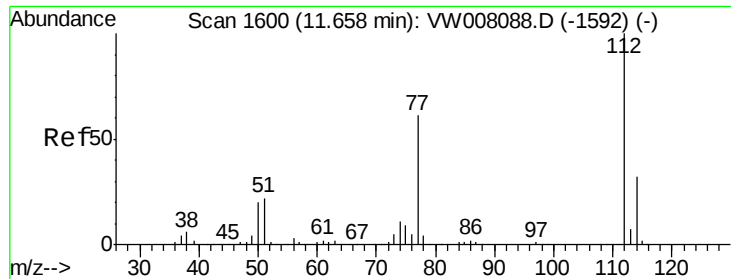
Tgt Ion:117 Resp: 111305
Ion Ratio Lower Upper
117 100
82 56.5 46.4 69.6
119 31.3 24.7 37.1



#64
Tetrachloroethene
Concen: 49.211 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Tgt Ion:164 Resp: 35647
Ion Ratio Lower Upper
164 100
166 123.4 100.7 151.1
129 92.1 81.0 121.4
131 92.9 76.1 114.1

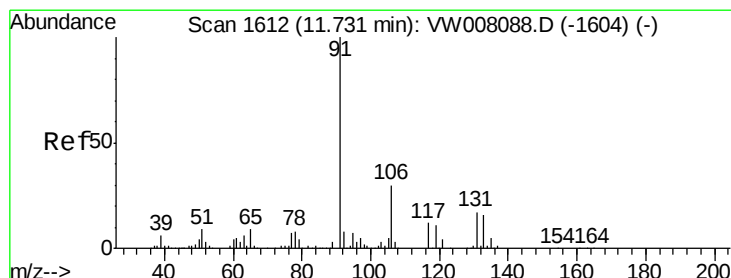
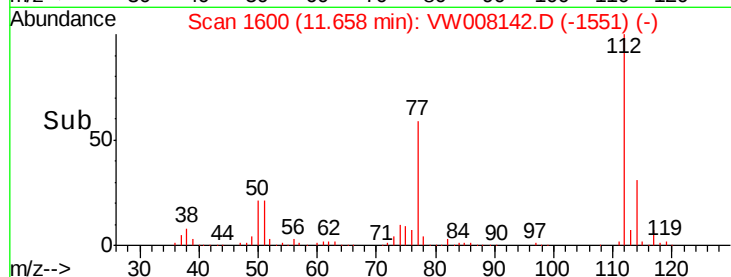
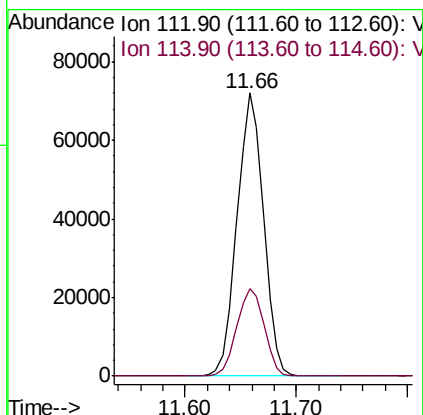
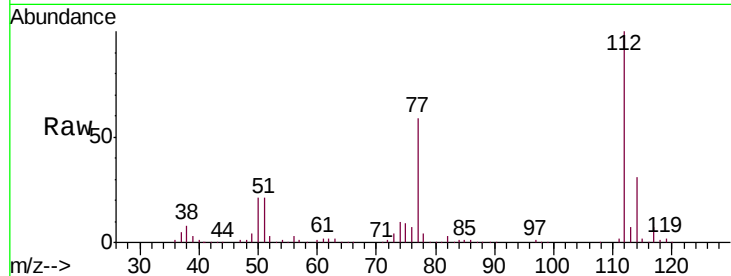




#65
Chlorobenzene
Concen: 50.250 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

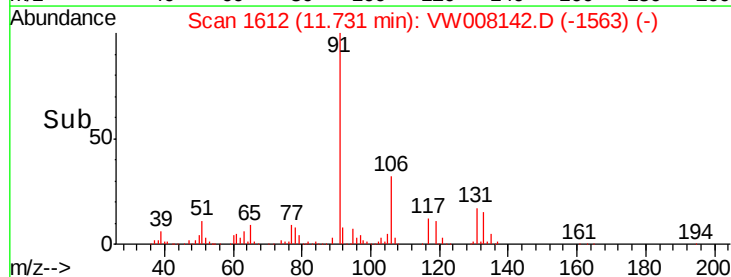
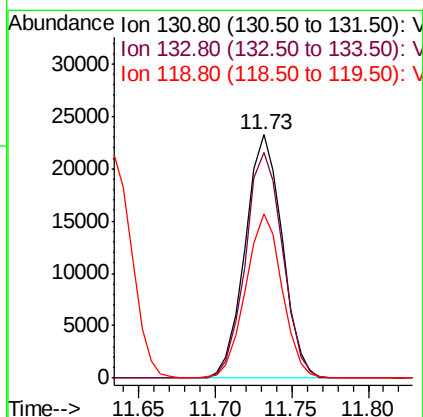
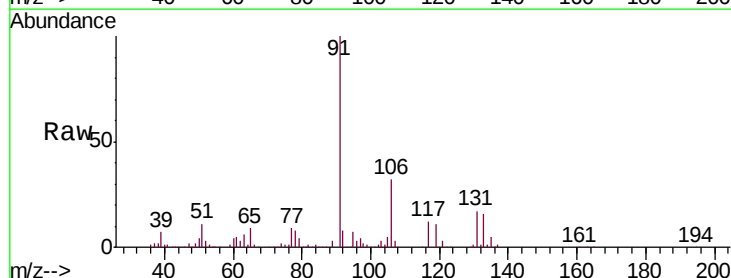
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

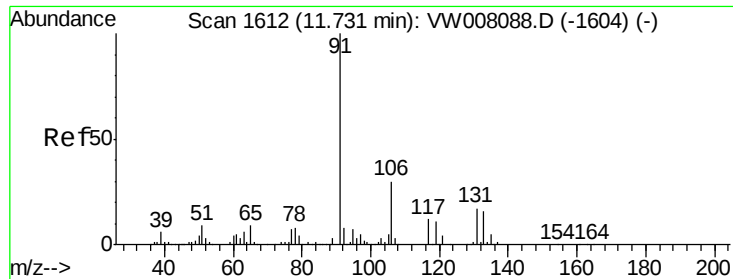
Tgt Ion:112 Resp: 118493
Ion Ratio Lower Upper
112 100
114 30.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.001 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Tgt Ion:131 Resp: 39116
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.7
119 66.5 32.5 97.4

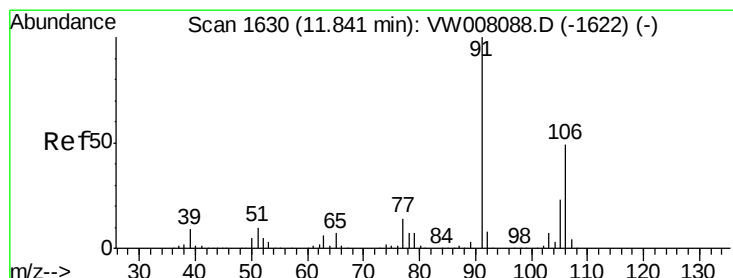
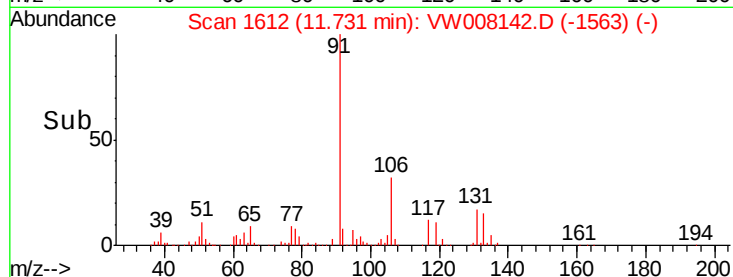
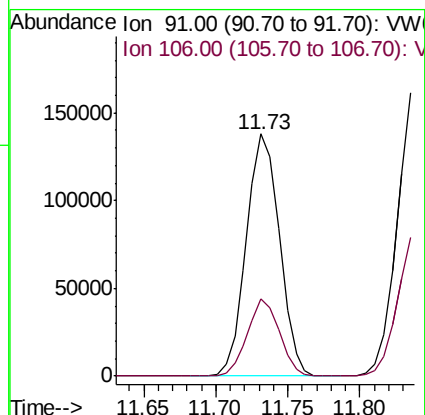
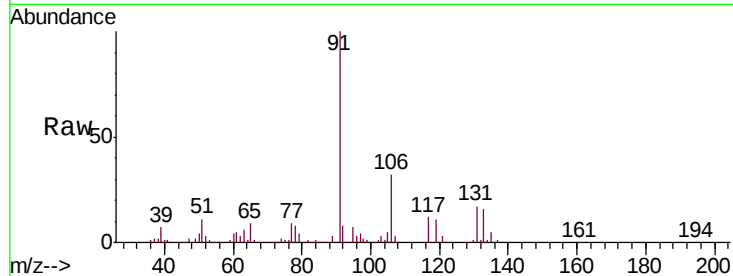




#67
Ethyl Benzene
Concen: 51.043 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

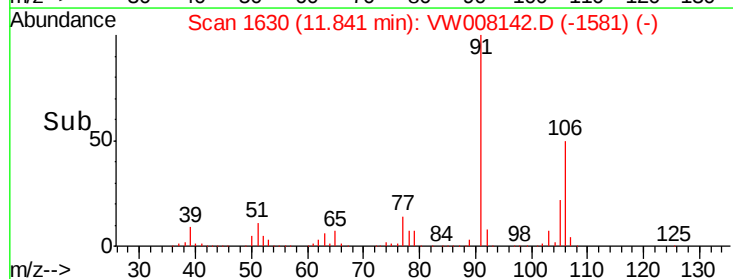
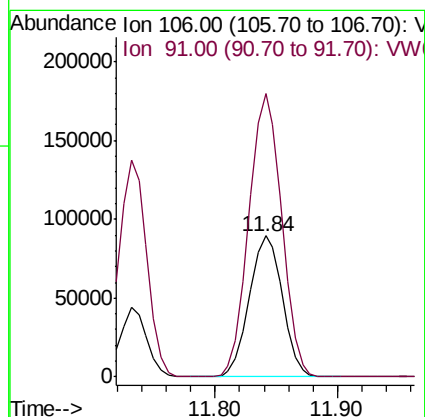
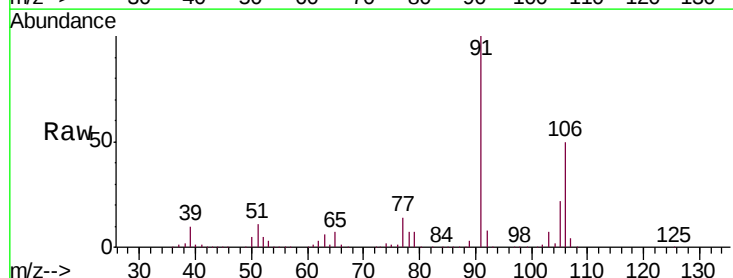
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

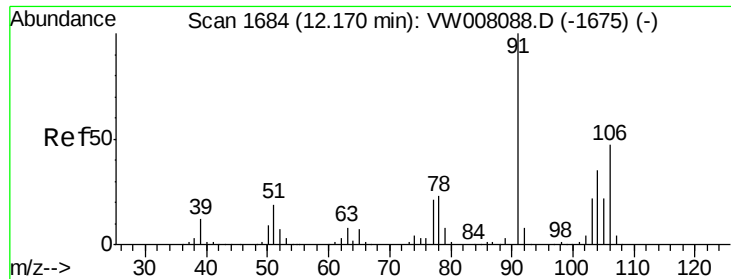
Tgt Ion: 91 Resp: 220231
Ion Ratio Lower Upper
91 100
106 32.2 24.2 36.4



#68
m/p-Xylenes
Concen: 102.450 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Tgt Ion: 106 Resp: 168719
Ion Ratio Lower Upper
106 100
91 199.4 162.4 243.6

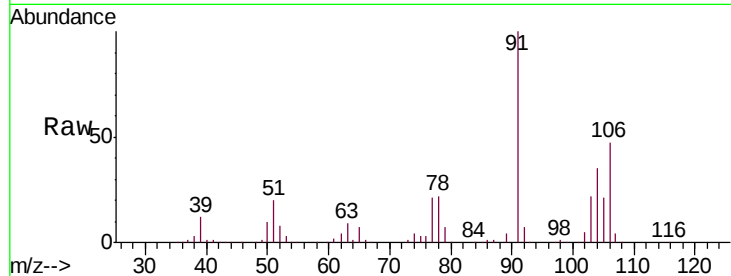




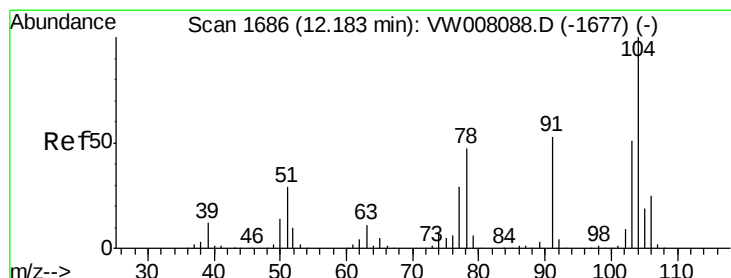
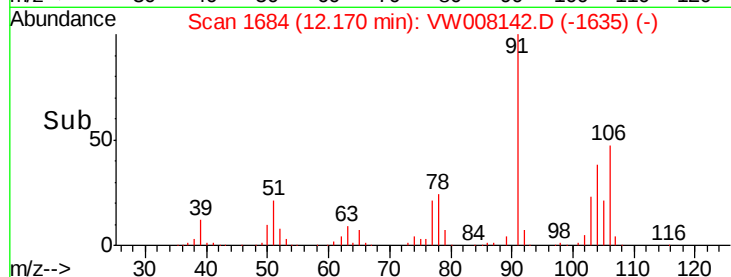
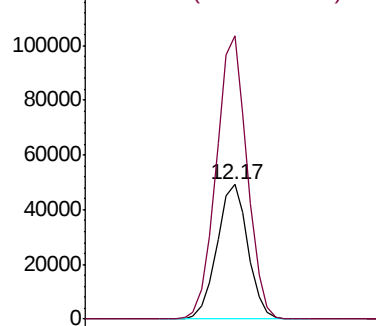
#69
o-Xylene
Concen: 51.263 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 78179
Ion Ratio Lower Upper
106 100
91 209.6 107.8 323.6

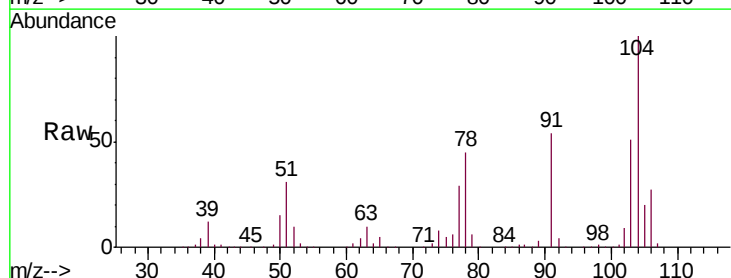


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

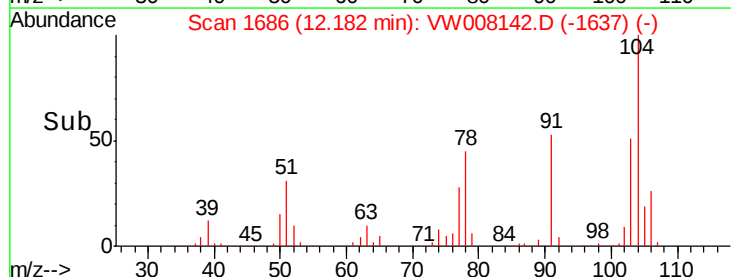
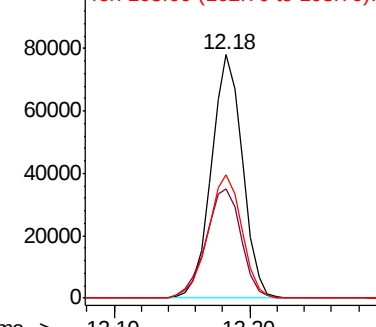


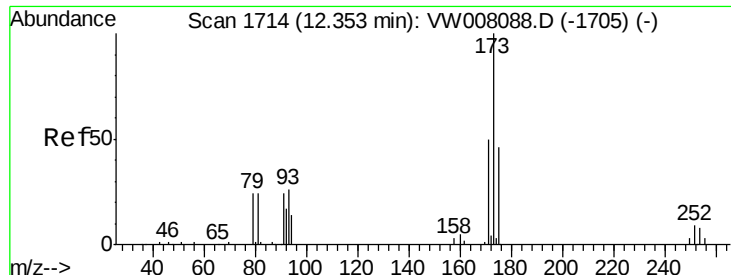
#70
Styrene
Concen: 52.221 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Tgt Ion:104 Resp: 124742
Ion Ratio Lower Upper
104 100
78 51.1 41.8 62.8
103 55.1 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: 52.377 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

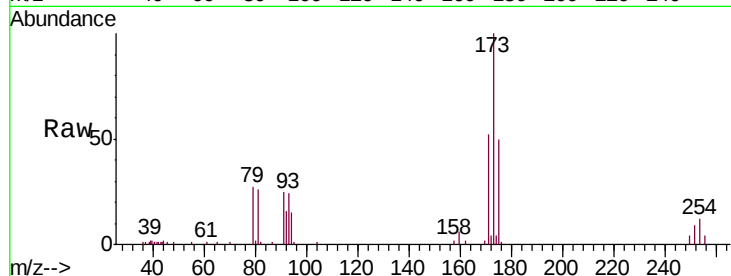
Tgt Ion:173 Resp: 17979

Ion Ratio Lower Upper

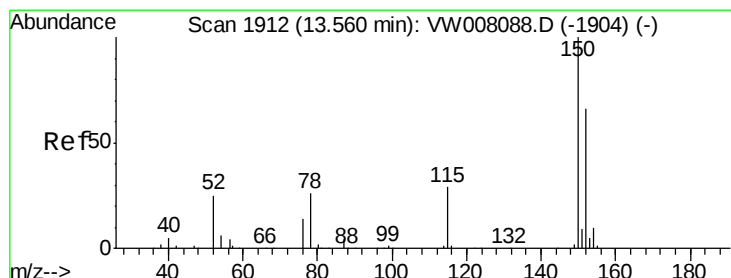
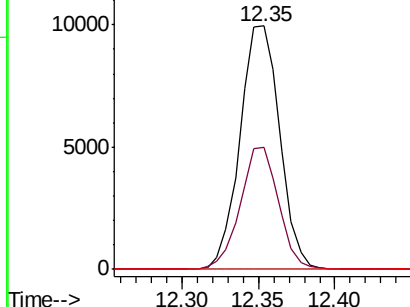
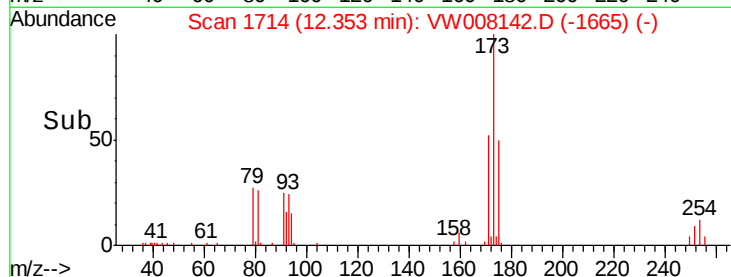
173 100

175 48.5 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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

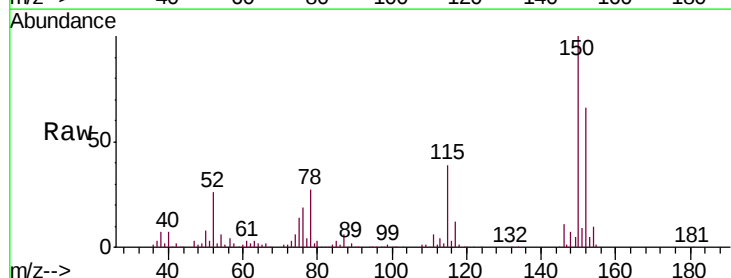
Tgt Ion:152 Resp: 52706

Ion Ratio Lower Upper

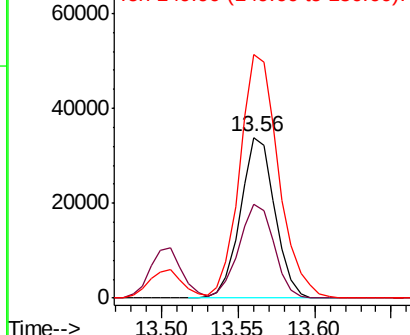
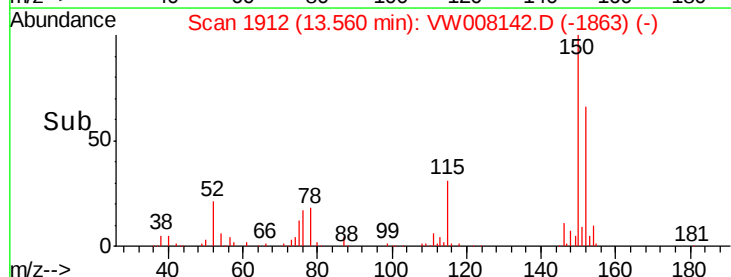
152 100

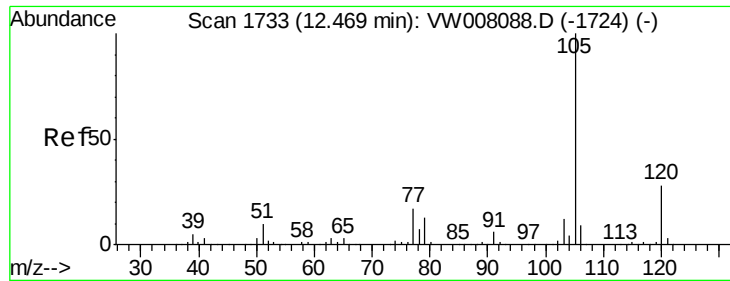
115 59.8 30.8 92.4

150 170.9 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: 51.722 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

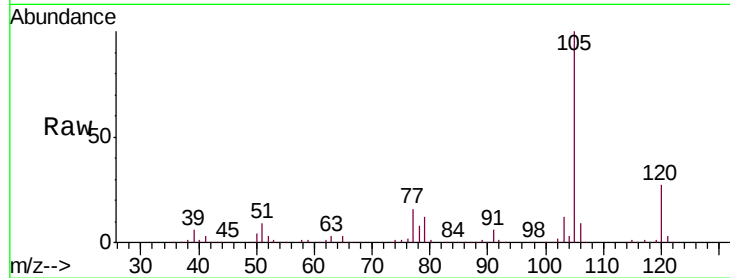
VSTDCCC050

Tgt Ion: 105 Resp: 214019

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

150000

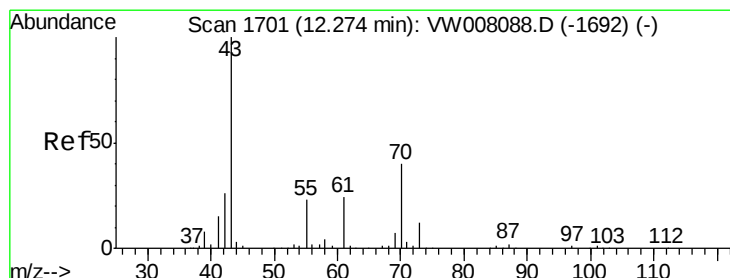
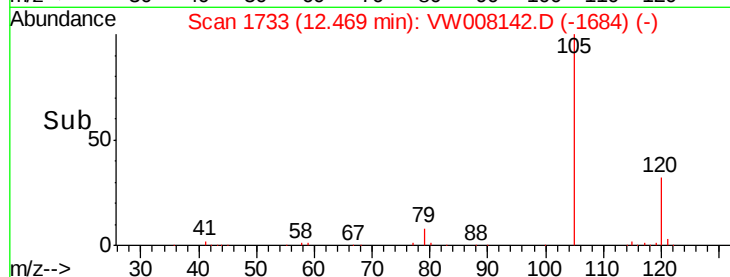
100000

50000

0

12.40 12.45 12.50 12.55

Time-->



#74

N-ethyl acetate

Concen: 49.161 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Tgt Ion: 43 Resp: 45049

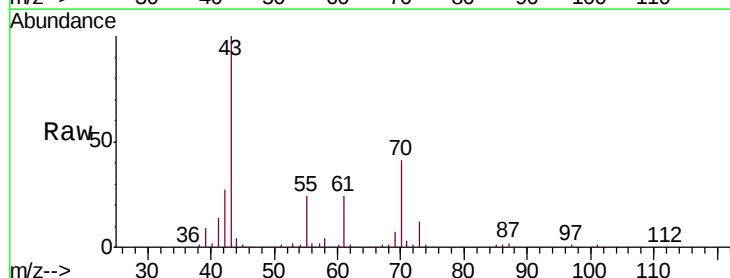
Ion Ratio Lower Upper

43 100

70 41.2 32.4 48.6

55 24.4 18.7 28.1

61 23.2 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

40000

30000

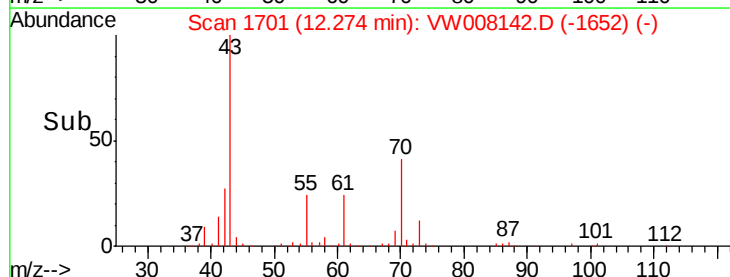
20000

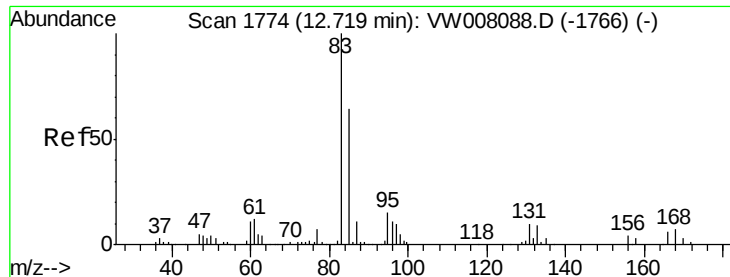
10000

0

12.20 12.25 12.30 12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.930 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

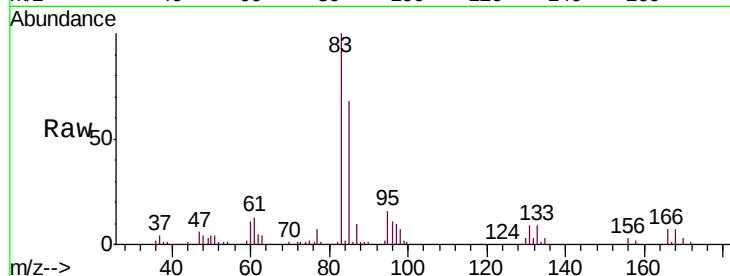
Tgt Ion: 83 Resp: 33070

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

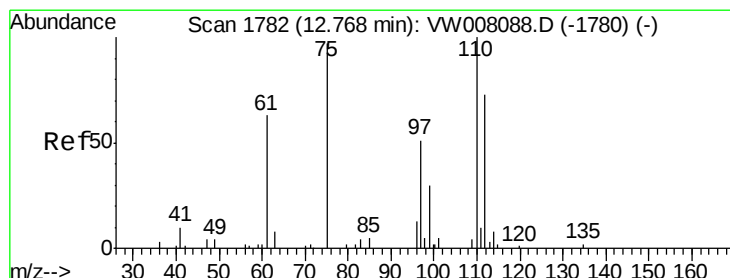
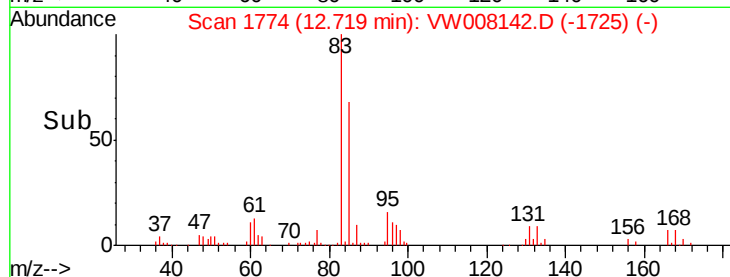
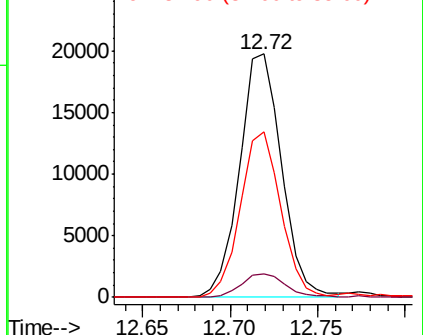
85 65.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 92.907 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008142.D

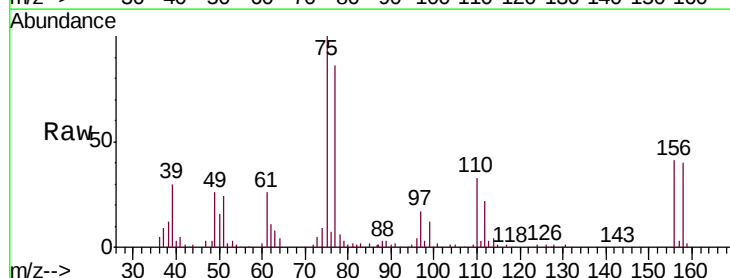
Acq: 10 Jan 2019 11:40

Tgt Ion: 75 Resp: 44639

Ion Ratio Lower Upper

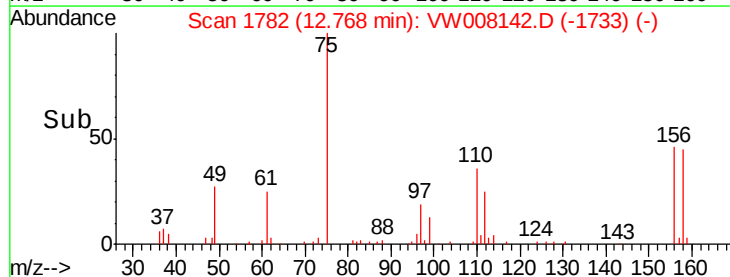
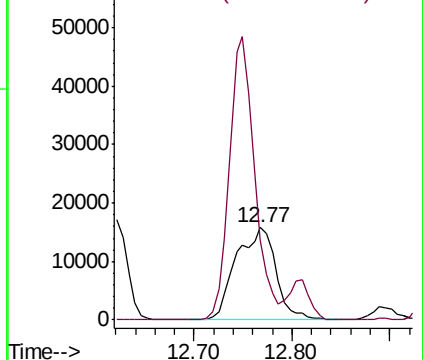
75 100

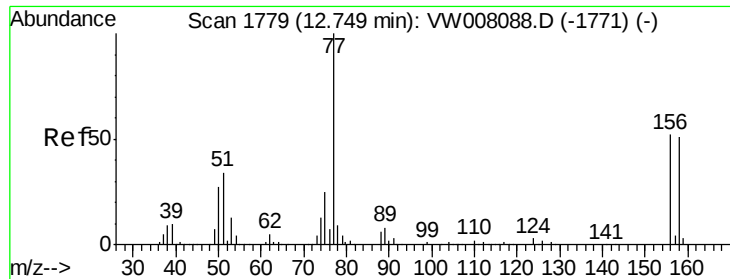
77 194.5 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.875 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

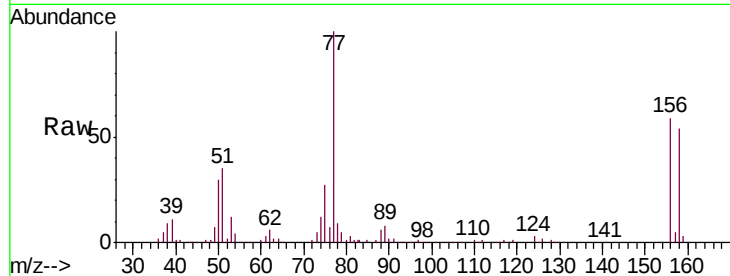
Tgt Ion:156 Resp: 44482

Ion Ratio Lower Upper

156 100

77 195.2 104.2 312.5

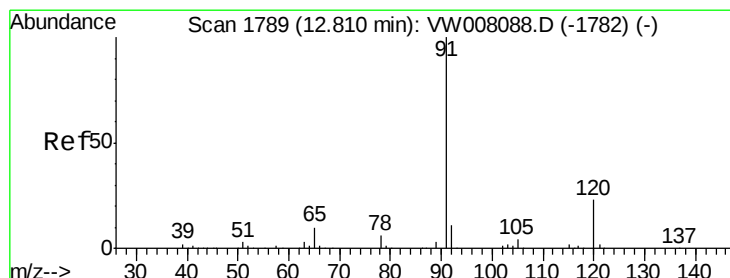
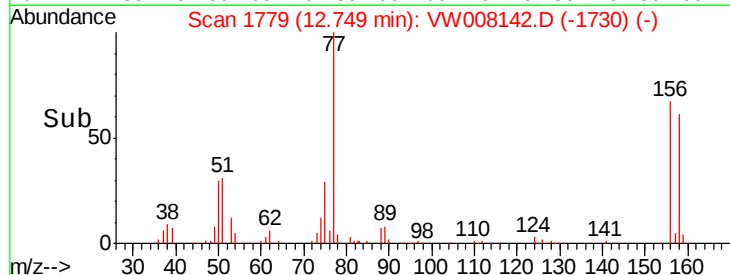
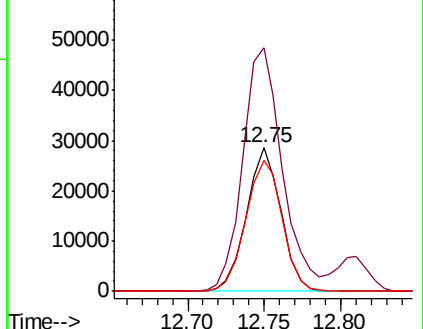
158 96.6 47.9 143.6



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: 51.891 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008142.D

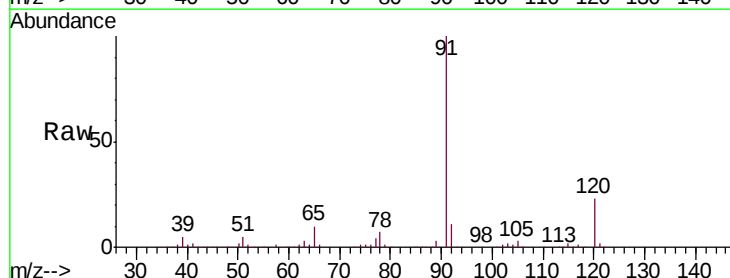
Acq: 10 Jan 2019 11:40

Tgt Ion: 91 Resp: 263093

Ion Ratio Lower Upper

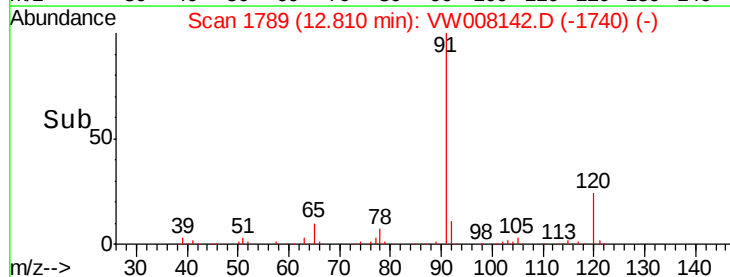
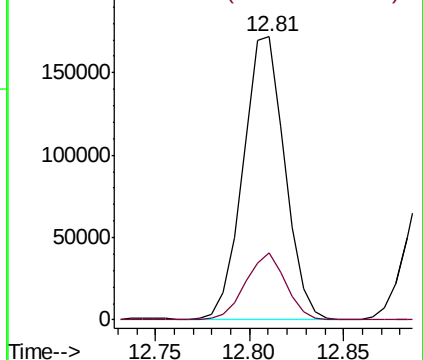
91 100

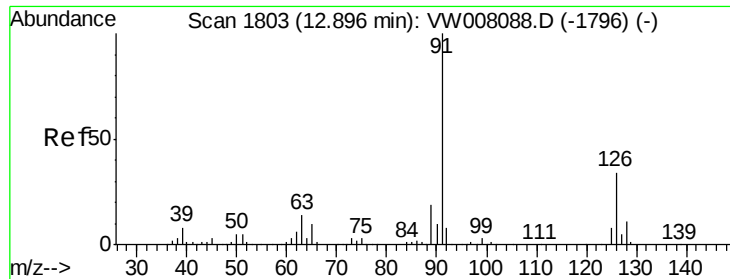
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.452 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

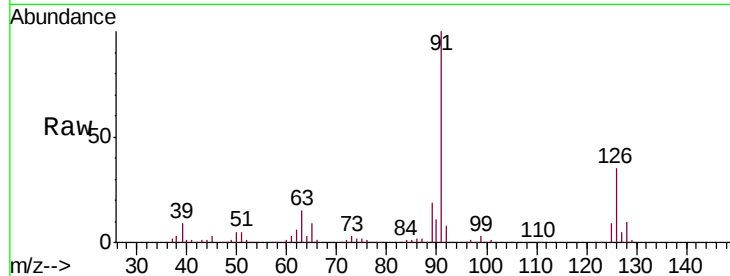
VSTDCCC050

Tgt Ion: 91 Resp: 142710

Ion Ratio Lower Upper

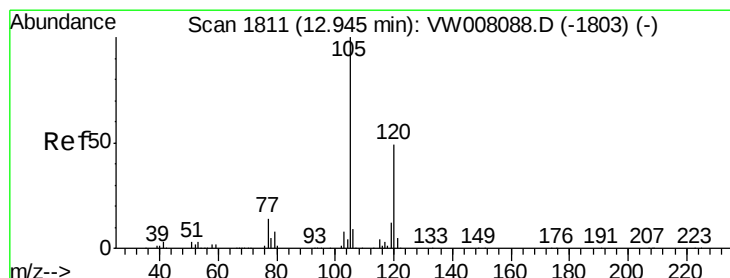
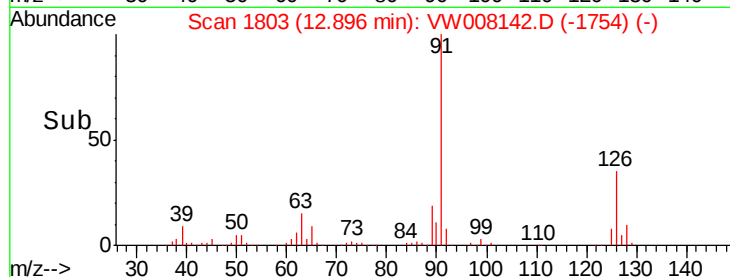
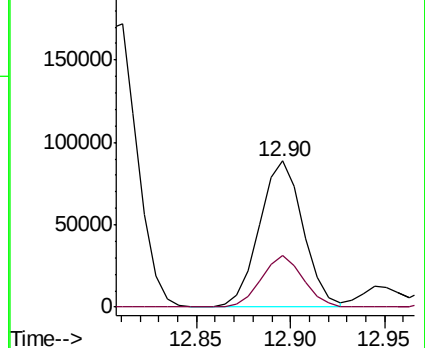
91 100

126 34.2 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.044 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008142.D

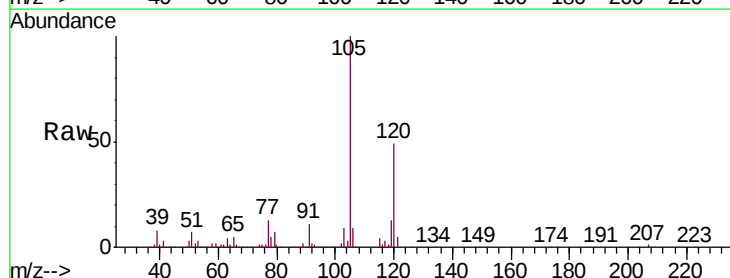
Acq: 10 Jan 2019 11:40

Tgt Ion:105 Resp: 173569

Ion Ratio Lower Upper

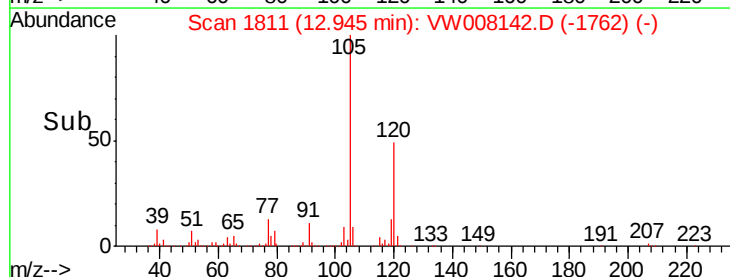
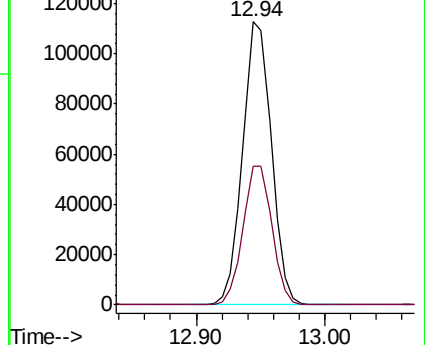
105 100

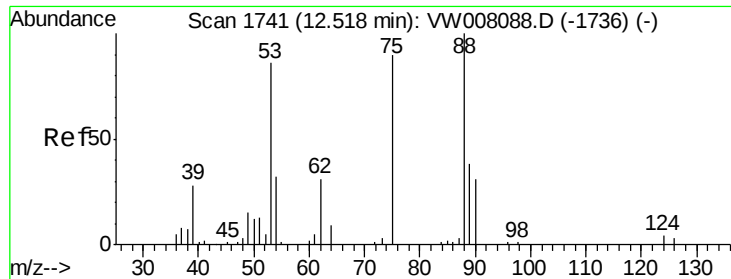
120 49.6 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.884 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

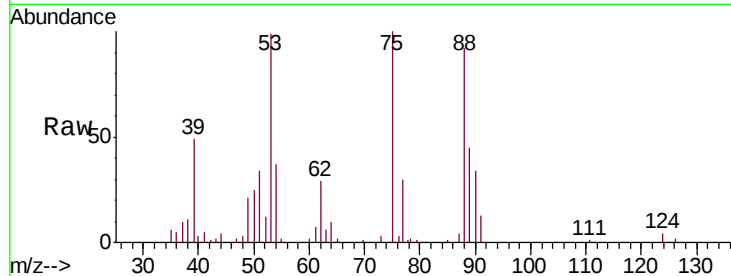
Tgt Ion: 75 Resp: 10705

Ion Ratio Lower Upper

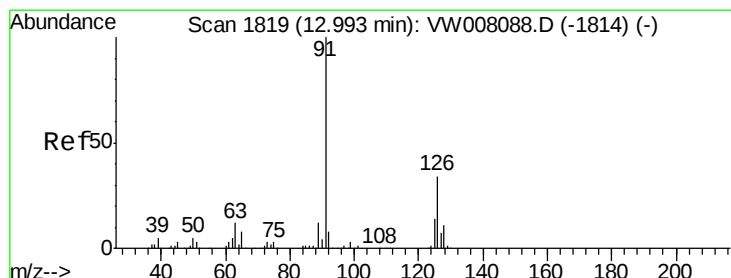
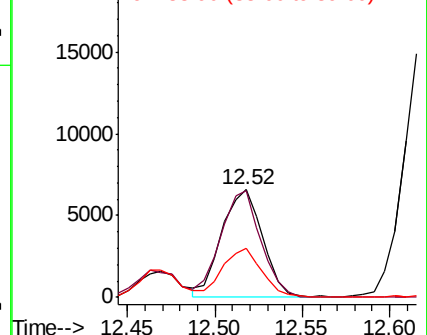
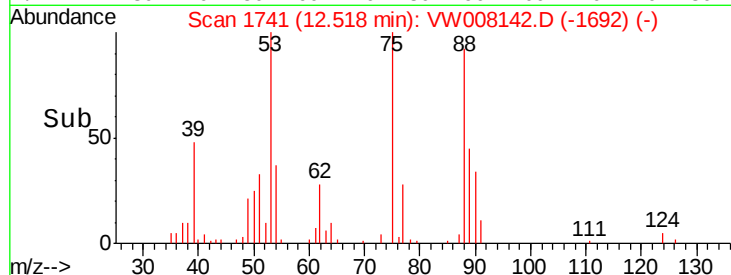
75 100

53 97.3 78.8 118.2

89 42.5 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VW
20000 Ion 53.00 (52.70 to 53.70): VW
15000 Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 49.473 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008142.D

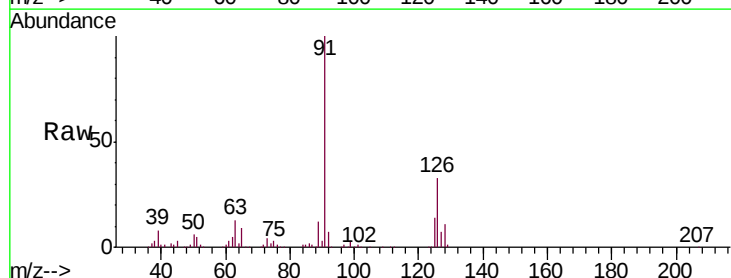
Acq: 10 Jan 2019 11:40

Tgt Ion: 91 Resp: 147388

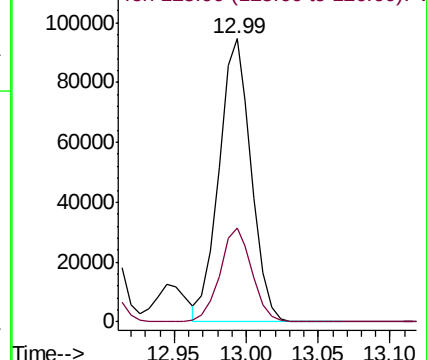
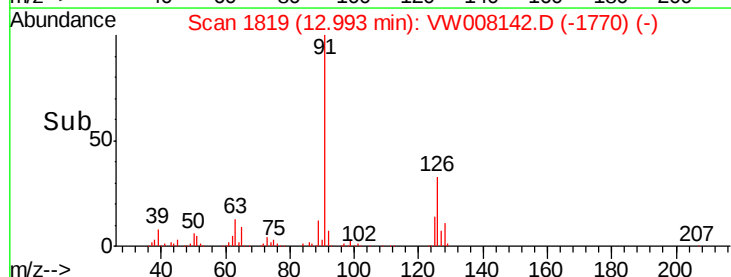
Ion Ratio Lower Upper

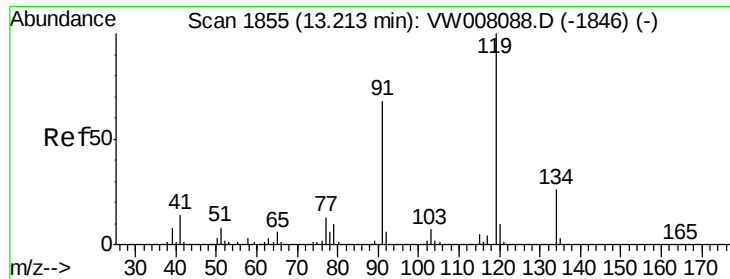
91 100

126 33.0 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW
100000 Ion 125.90 (125.60 to 126.60): V

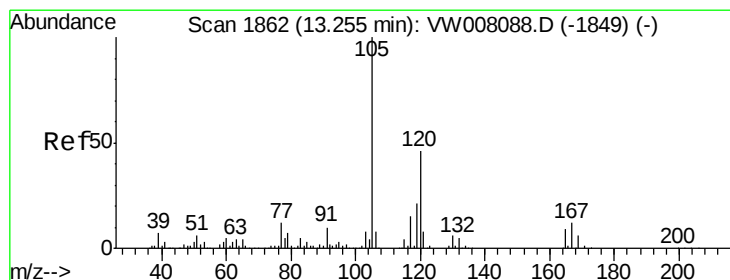
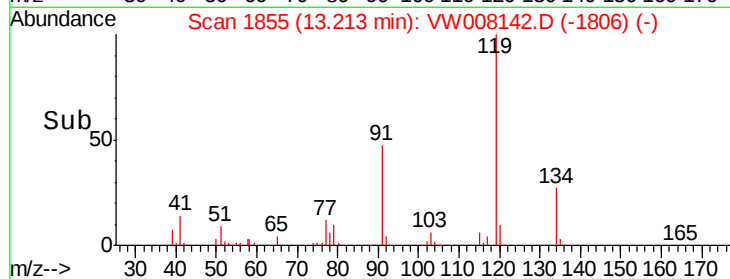
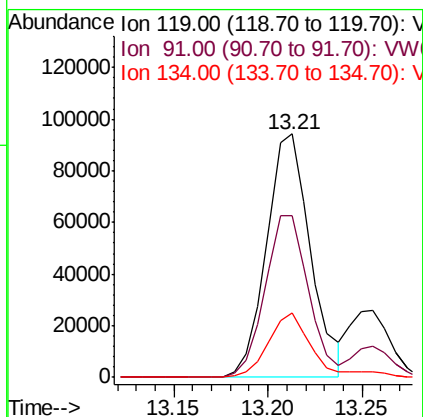
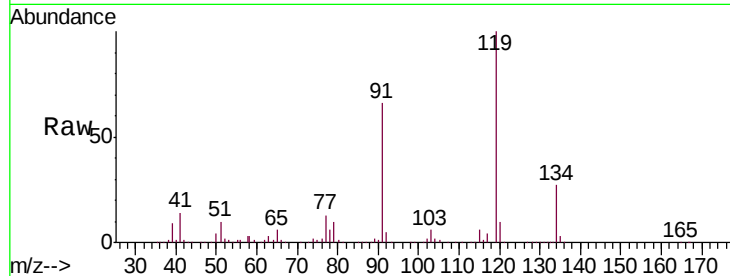




#83
tert-Butylbenzene
Concen: 50.760 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

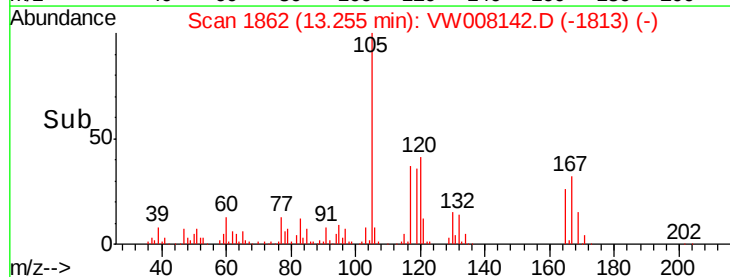
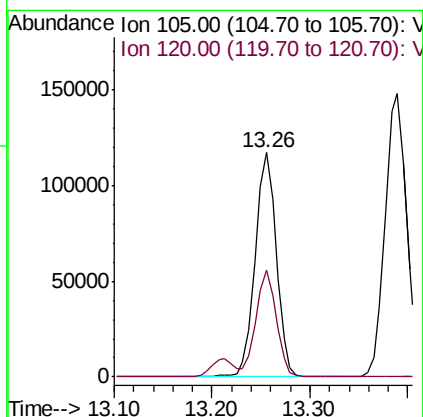
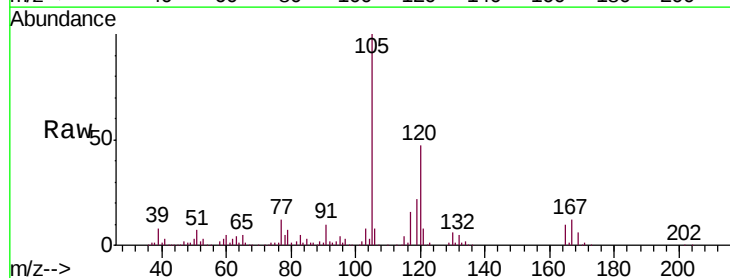
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

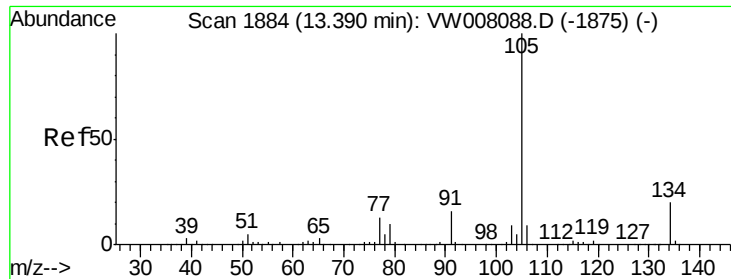
Tgt Ion:119 Resp: 152699
Ion Ratio Lower Upper
119 100
91 65.9 33.9 101.6
134 26.7 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 50.484 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Tgt Ion:105 Resp: 177050
Ion Ratio Lower Upper
105 100
120 46.3 22.7 68.1

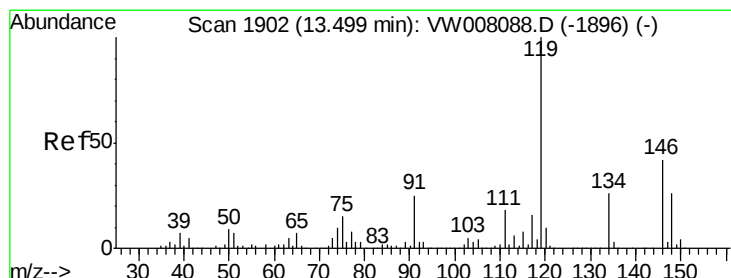
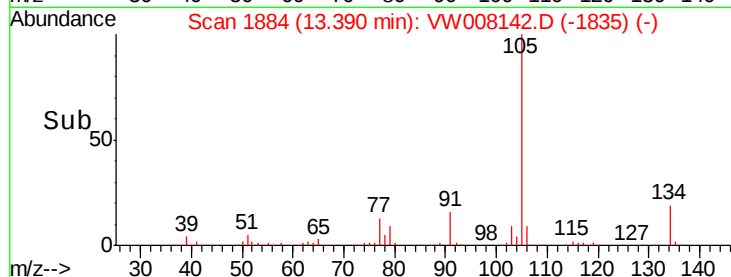
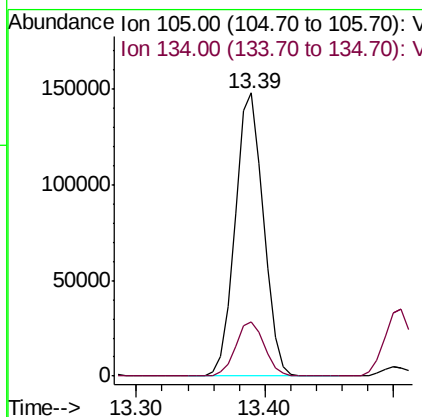
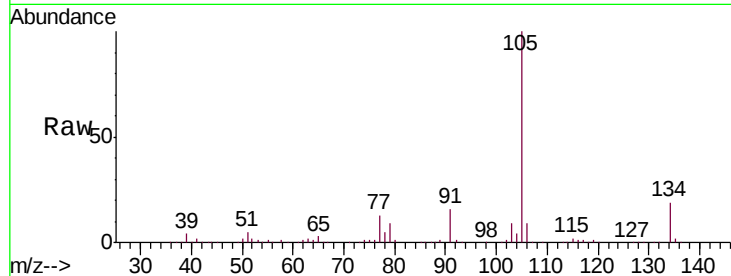




#85
 sec-Butylbenzene
 Concen: 51.216 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

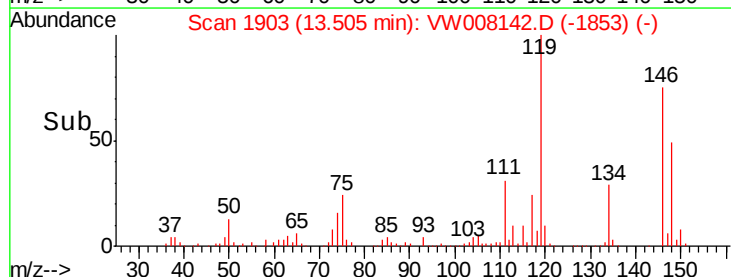
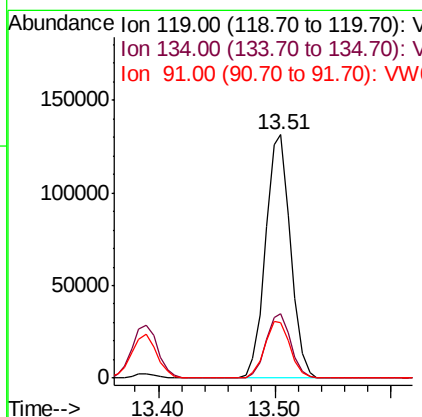
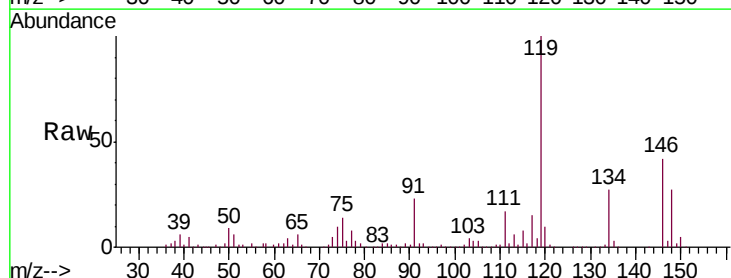
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

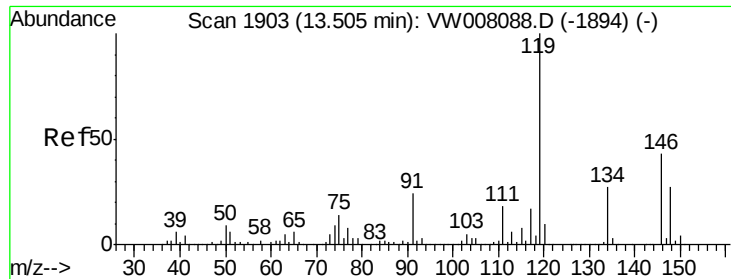
Tgt Ion:105 Resp: 225690
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 51.416 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

Tgt Ion:119 Resp: 195655
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.8 12.3 36.9

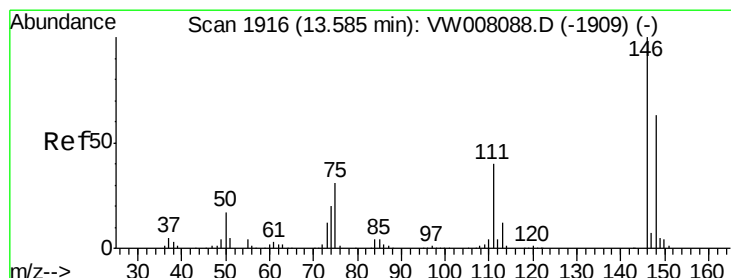
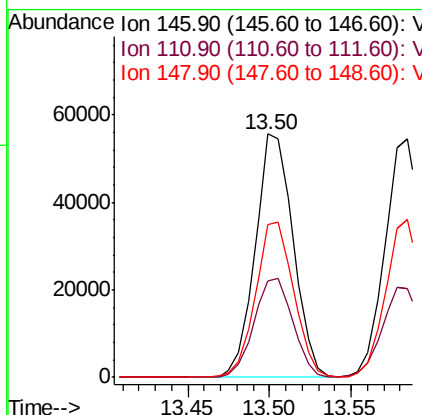
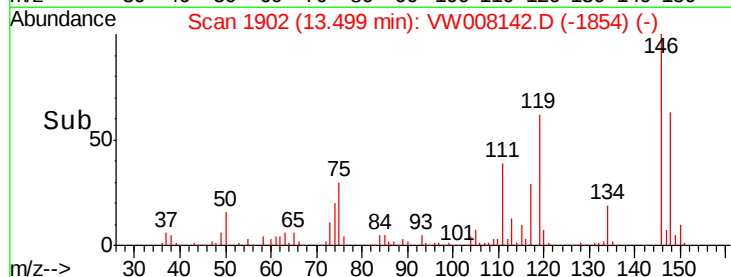
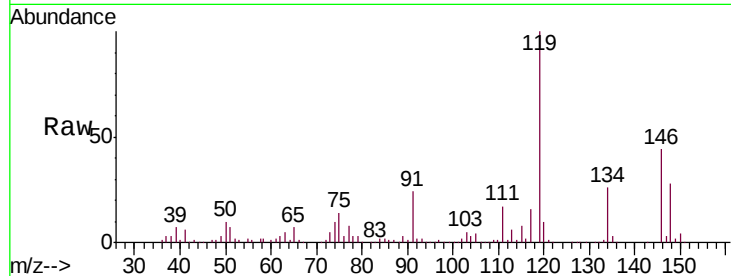




#87
 1,3-Dichlorobenzene
 Concen: 50.619 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

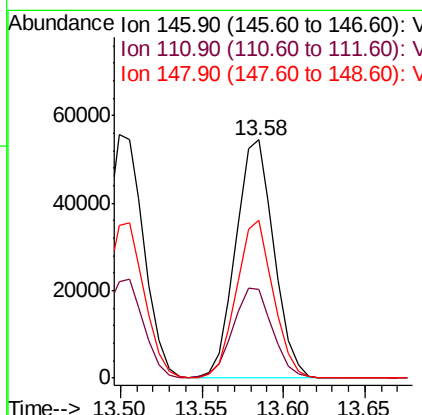
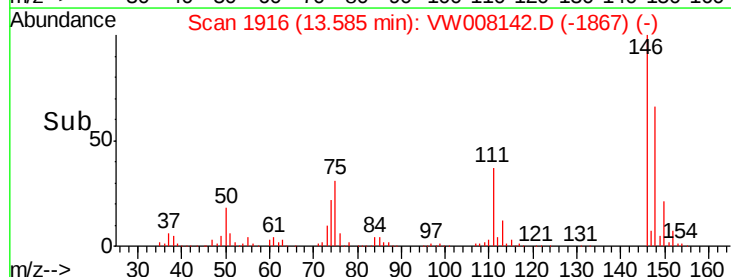
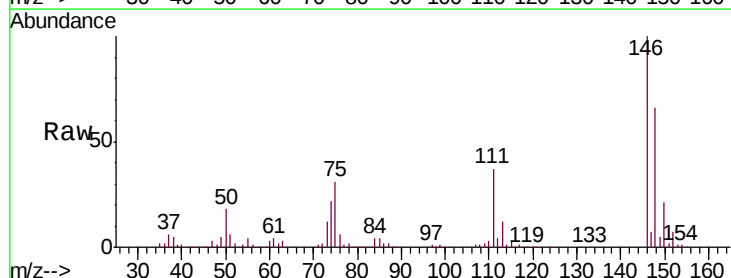
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

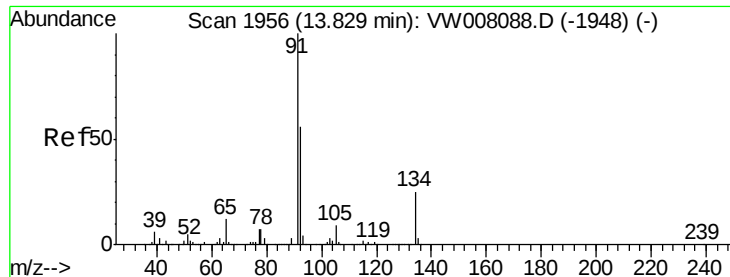
Tgt Ion:146 Resp: 89778
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.1 63.1
 148 64.2 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 49.859 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

Tgt Ion:146 Resp: 88723
 Ion Ratio Lower Upper
 146 100
 111 39.0 20.5 61.5
 148 64.2 31.6 94.8





#89

n-Butylbenzene

Concen: 52.073 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008142.D

Acq: 10 Jan 2019 11:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

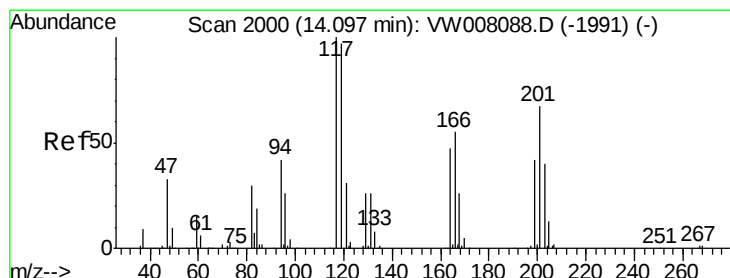
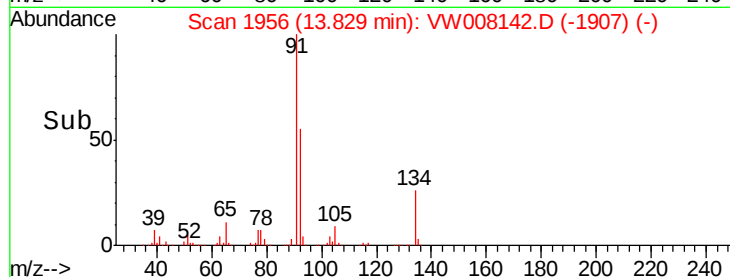
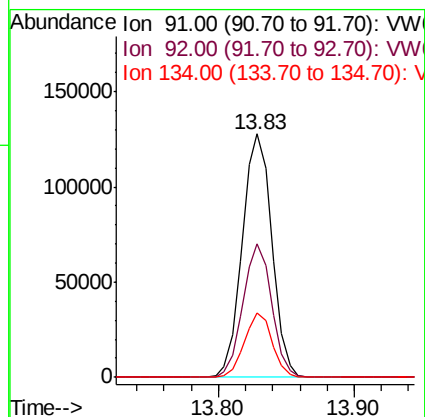
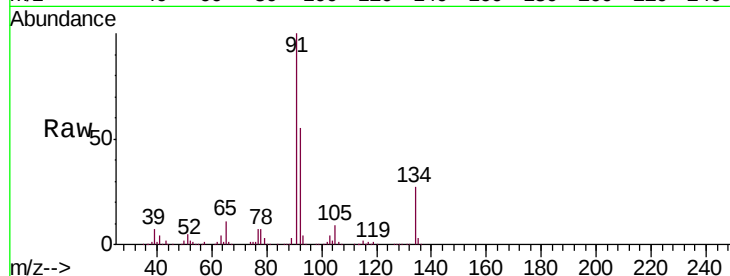
Tgt Ion: 91 Resp: 194077

Ion Ratio Lower Upper

91 100

92 53.5 27.4 82.2

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 52.887 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008142.D

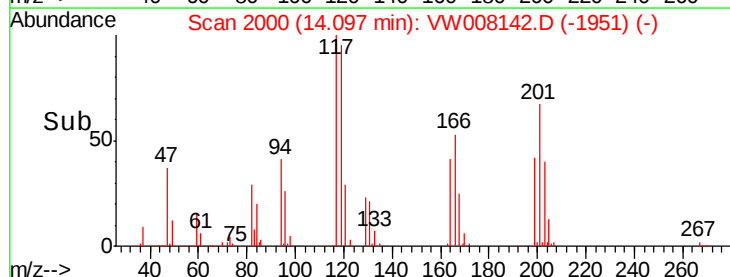
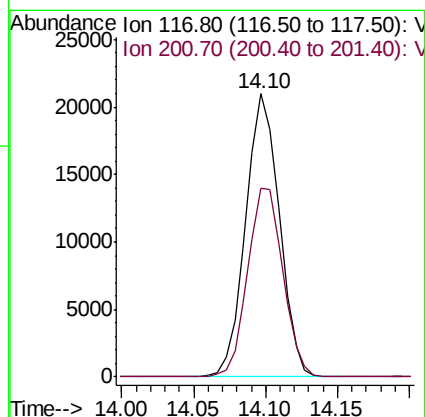
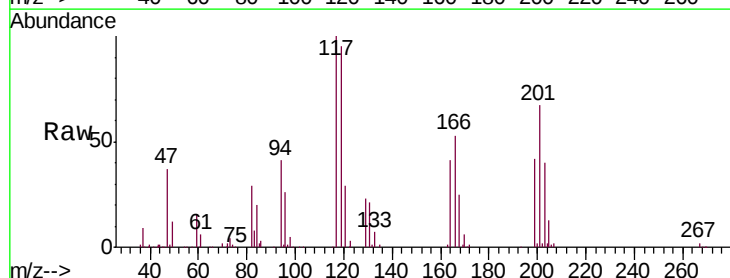
Acq: 10 Jan 2019 11:40

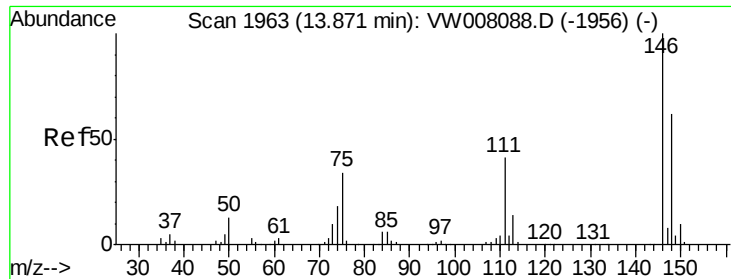
Tgt Ion: 117 Resp: 33993

Ion Ratio Lower Upper

117 100

201 69.6 33.0 98.9

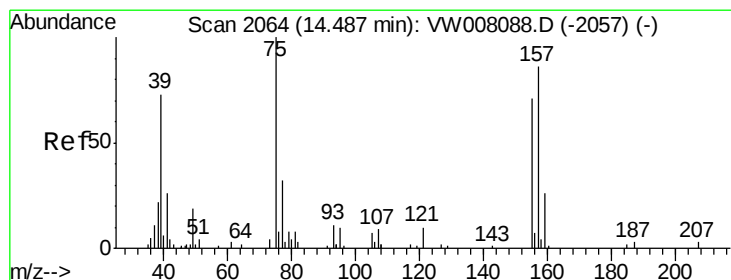
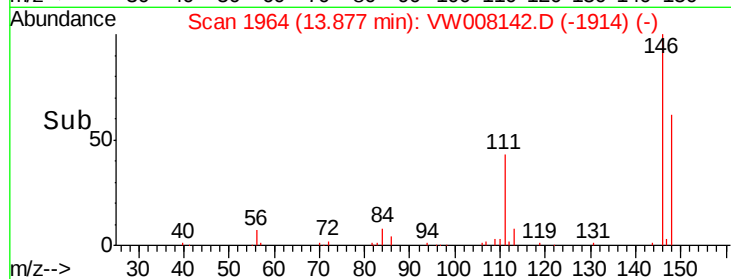
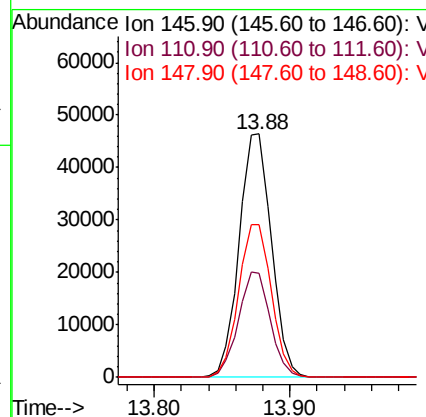
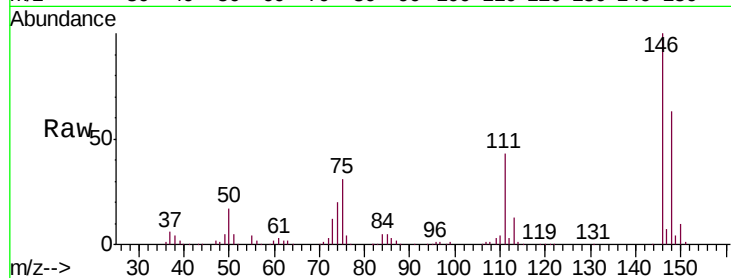




#91
 1,2-Dichlorobenzene
 Concen: 49.394 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

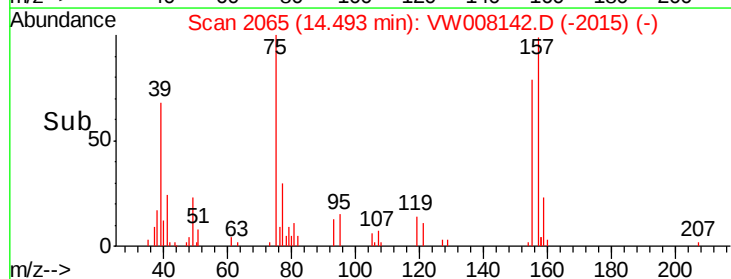
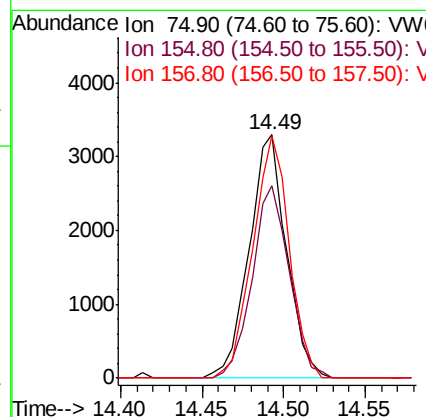
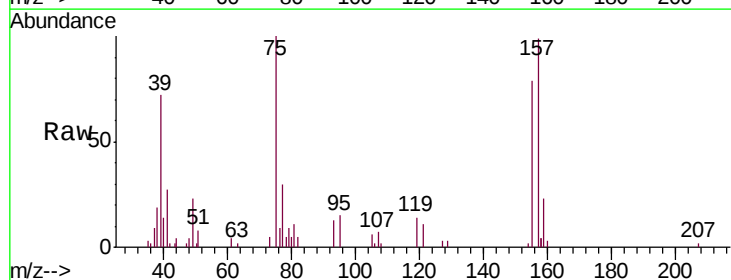
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

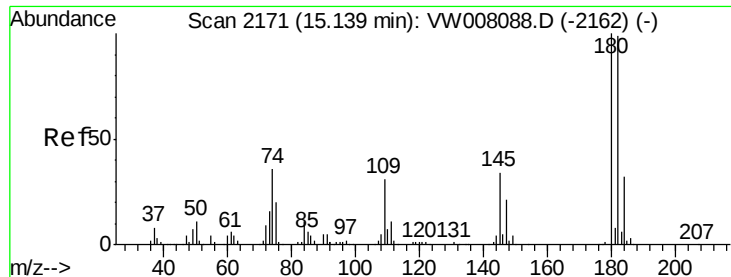
Tgt Ion:146 Resp: 76992
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.3 63.7
 148 63.7 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.507 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

Tgt Ion: 75 Resp: 5277
 Ion Ratio Lower Upper
 75 100
 155 78.2 38.6 115.7
 157 96.6 47.5 142.6

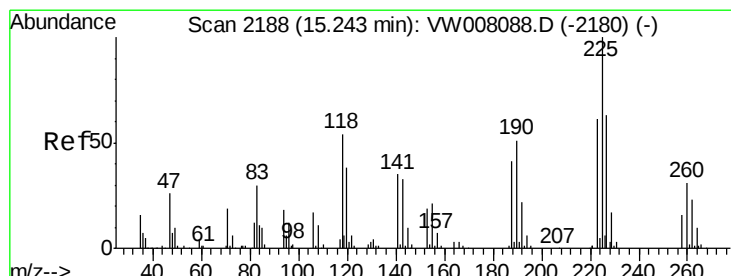
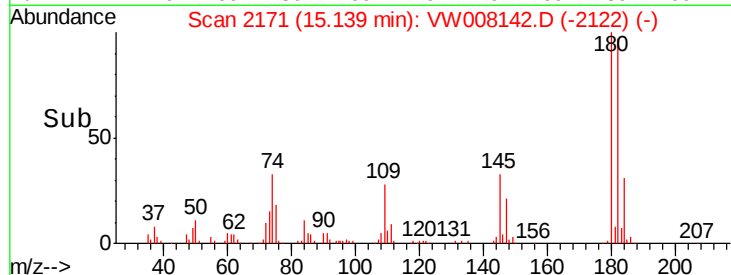
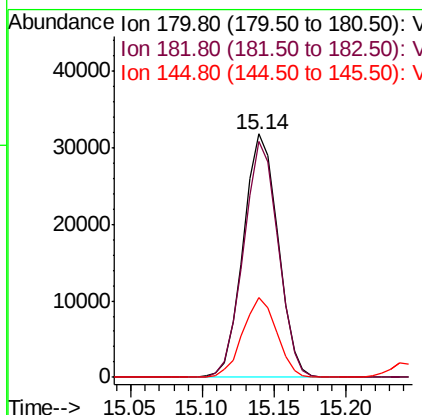
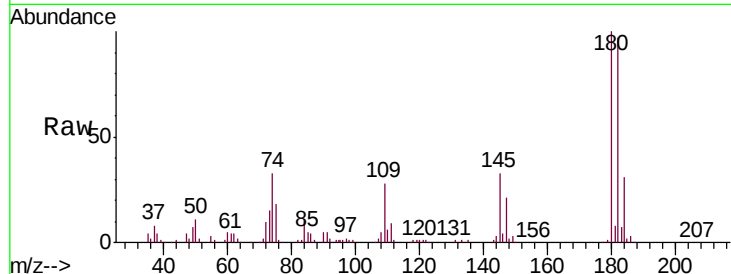




#93
 1,2,4-Trichlorobenzene
 Concen: 51.317 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

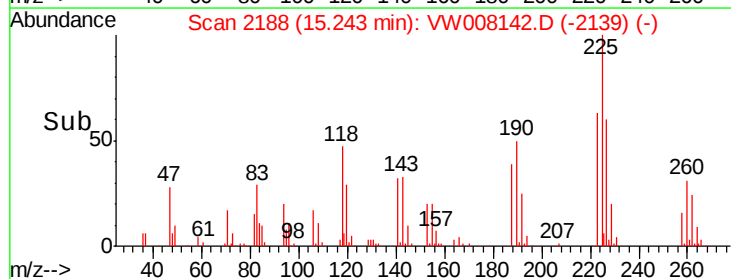
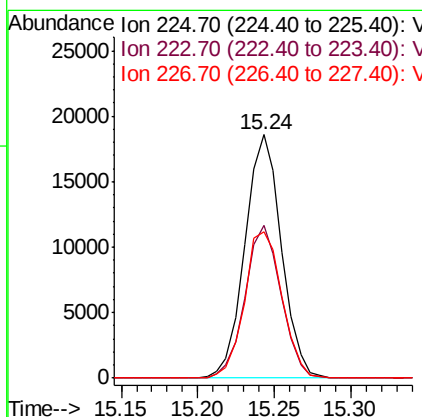
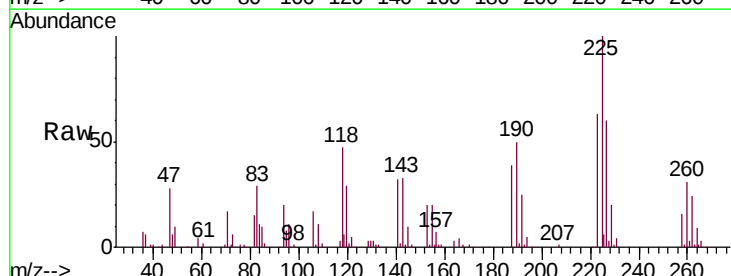
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

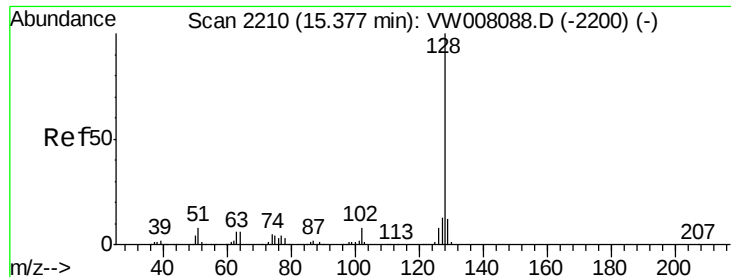
Tgt Ion:180 Resp: 53107
 Ion Ratio Lower Upper
 180 100
 182 96.2 48.6 145.9
 145 31.9 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 55.539 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008142.D
 Acq: 10 Jan 2019 11:40

Tgt Ion:225 Resp: 30763
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.4 94.3
 227 62.1 32.0 96.2

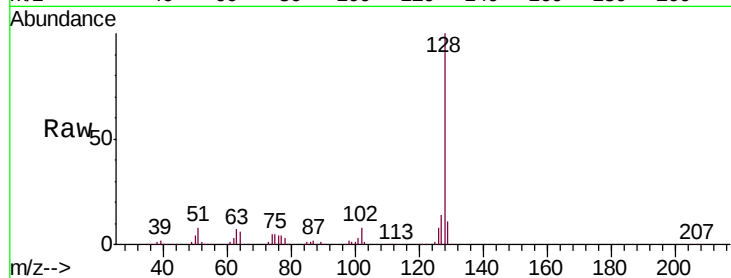




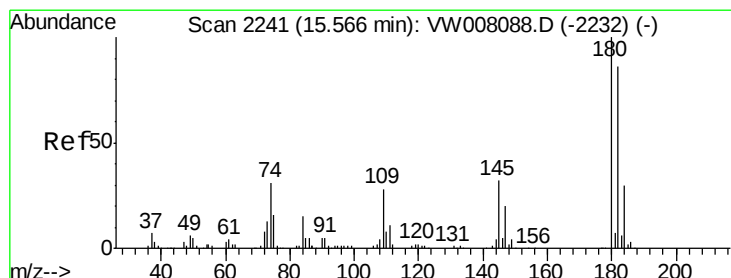
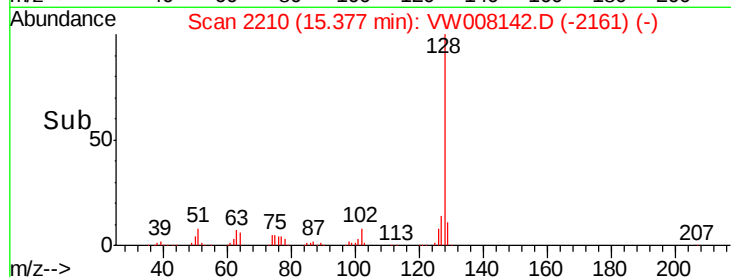
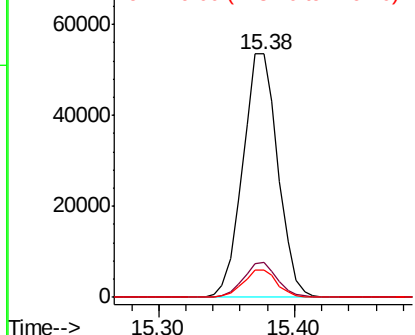
#95
Naphthalene
Concen: 50.150 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 96906
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 11.0 9.0 13.6

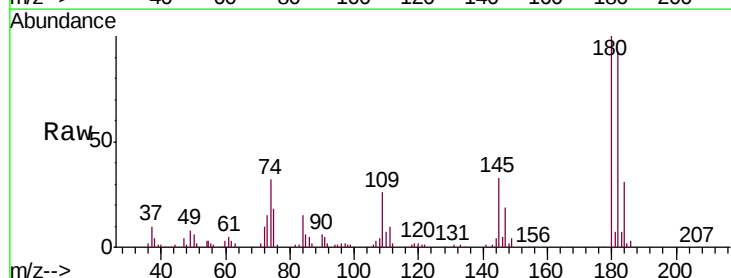


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 51.062 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008142.D
Acq: 10 Jan 2019 11:40

Tgt Ion:180 Resp: 45047
Ion Ratio Lower Upper
180 100
182 94.9 46.5 139.3
145 33.2 17.4 52.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

