

Data File : VW008166.D
Acq On : 10 Jan 2019 23:49
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Jan 11 05:18:38 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	101855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	178722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	164835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	57532	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
35) Dibromofluoromethane	7.88	113	56140	53.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.72%	
50) Toluene-d8	10.32	98	220336	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.62	95	75963	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	38792	46.666	ug/l	98
3) Chloromethane	2.21	50	49612	46.003	ug/l	97
4) Vinyl Chloride	2.37	62	64440	45.782	ug/l	98
5) Bromomethane	2.78	94	49850	47.278	ug/l	99
6) Chloroethane	2.93	64	44138	41.673	ug/l	96
7) Trichlorofluoromethane	3.26	101	49700	43.433	ug/l	86
8) Diethyl Ether	3.67	74	34070	52.667	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54796	48.231	ug/l	98
10) Methyl Iodide	4.26	142	86373	52.164	ug/l	99
11) Tert butyl alcohol	5.21	59	19022	273.801	ug/l #	100
12) 1,1-Dichloroethene	4.04	96	55530	49.784	ug/l	93
13) Acrolein	3.89	56	24870	326.781	ug/l	96
14) Allyl chloride	4.67	41	102329	50.529	ug/l	99
15) Acrylonitrile	5.37	53	69341	281.548	ug/l	99
16) Acetone	4.13	43	51090	248.128	ug/l	92
17) Carbon Disulfide	4.37	76	168935	48.483	ug/l	99
18) Methyl Acetate	4.67	43	43406	59.993	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	95783	52.821	ug/l	96
20) Methylene Chloride	4.90	84	61854	55.398	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	62718	51.741	ug/l	94
22) Diisopropyl ether	6.31	45	206691	53.514	ug/l	99
23) Vinyl Acetate	6.26	43	547245	269.779	ug/l	98
24) 1,1-Dichloroethane	6.21	63	116345	51.699	ug/l	97
25) 2-Butanone	7.17	43	85017	266.922	ug/l	100
26) 2,2-Dichloropropane	7.16	77	68008	44.601	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	69566	52.601	ug/l	95
28) Bromochloromethane	7.51	49	44291	49.758	ug/l #	94
29) Tetrahydrofuran	7.53	42	60424	284.001	ug/l	99
30) Chloroform	7.68	83	113302	52.894	ug/l	97
31) Cyclohexane	7.95	56	106437	44.181	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	93001	49.897	ug/l	99
36) 1,1-Dichloropropene	8.08	75	88936	48.308	ug/l	99
37) Ethyl Acetate	7.25	43	40231	54.546	ug/l	99
38) Carbon Tetrachloride	8.07	117	84552	50.178	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	112140	48.039	ug/l	96
40) Benzene	8.32	78	263657	52.801	ug/l	97
41) Methacrylonitrile	7.48	41	23580	50.610	ug/l	98
42) 1,2-Dichloroethane	8.40	62	73462	52.308	ug/l	98
43) Isopropyl Acetate	8.43	43	80377	54.505	ug/l	99
44) Trichloroethene	9.09	130	65447	51.201	ug/l	94
45) 1,2-Dichloropropane	9.37	63	66565	53.762	ug/l	95
46) Dibromomethane	9.46	93	34151	56.164	ug/l	96
47) Bromodichloromethane	9.64	83	85338	55.272	ug/l	99
48) Methyl methacrylate	9.43	41	39629	56.951	ug/l	94
49) 1,4-Dioxane	9.46	88	10870	1111.604	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	198031	277.422	ug/l	100
52) Toluene	10.39	92	167612	52.560	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	85032	52.946	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	100550	52.798	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	48377	56.667	ug/l	97
56) Ethyl methacrylate	10.65	69	61596	58.261	ug/l	98
57) 1,3-Dichloropropane	10.93	76	85745	54.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	142707	261.310	ug/l	97
59) 2-Hexanone	10.97	43	133377	276.301	ug/l	99
60) Dibromochloromethane	11.13	129	55307	58.996	ug/l	99
61) 1,2-Dibromoethane	11.23	107	46738	57.697	ug/l	98
64) Tetrachloroethene	10.86	164	56813	52.961	ug/l	97
65) Chlorobenzene	11.66	112	180180	51.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	61496	54.142	ug/l	99
67) Ethyl Benzene	11.73	91	320393	50.142	ug/l	100
68) m/p-Xylenes	11.84	106	246534	101.086	ug/l	99
69) o-Xylene	12.17	106	119085	52.728	ug/l	94
70) Styrene	12.18	104	190708	53.910	ug/l	98
71) Bromoform	12.35	173	30156	59.322	ug/l #	97
73) Isopropylbenzene	12.47	105	313154	49.677	ug/l	99
74) N-amyl acetate	12.27	43	74105	53.083	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	54931	54.440	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	71926	98.264	ug/l	22
77) Bromobenzene	12.75	156	70718	53.092	ug/l	92
78) n-propylbenzene	12.80	91	379508	49.134	ug/l	99
79) 2-Chlorotoluene	12.90	91	213026	49.435	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	260324	50.253	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16357	52.039	ug/l	98
82) 4-Chlorotoluene	12.99	91	220275	48.534	ug/l	97
83) tert-Butylbenzene	13.21	119	228027	49.756	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	262894	49.206	ug/l	97
85) sec-Butylbenzene	13.39	105	328180	48.885	ug/l	99
86) p-Isopropyltoluene	13.50	119	284664	49.104	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	142177	52.620	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	139797	51.568	ug/l	98
89) n-Butylbenzene	13.83	91	271833	47.876	ug/l	99
90) Hexachloroethane	14.10	117	51152	52.240	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	123405	51.968	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8674	53.417	ug/l	93

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

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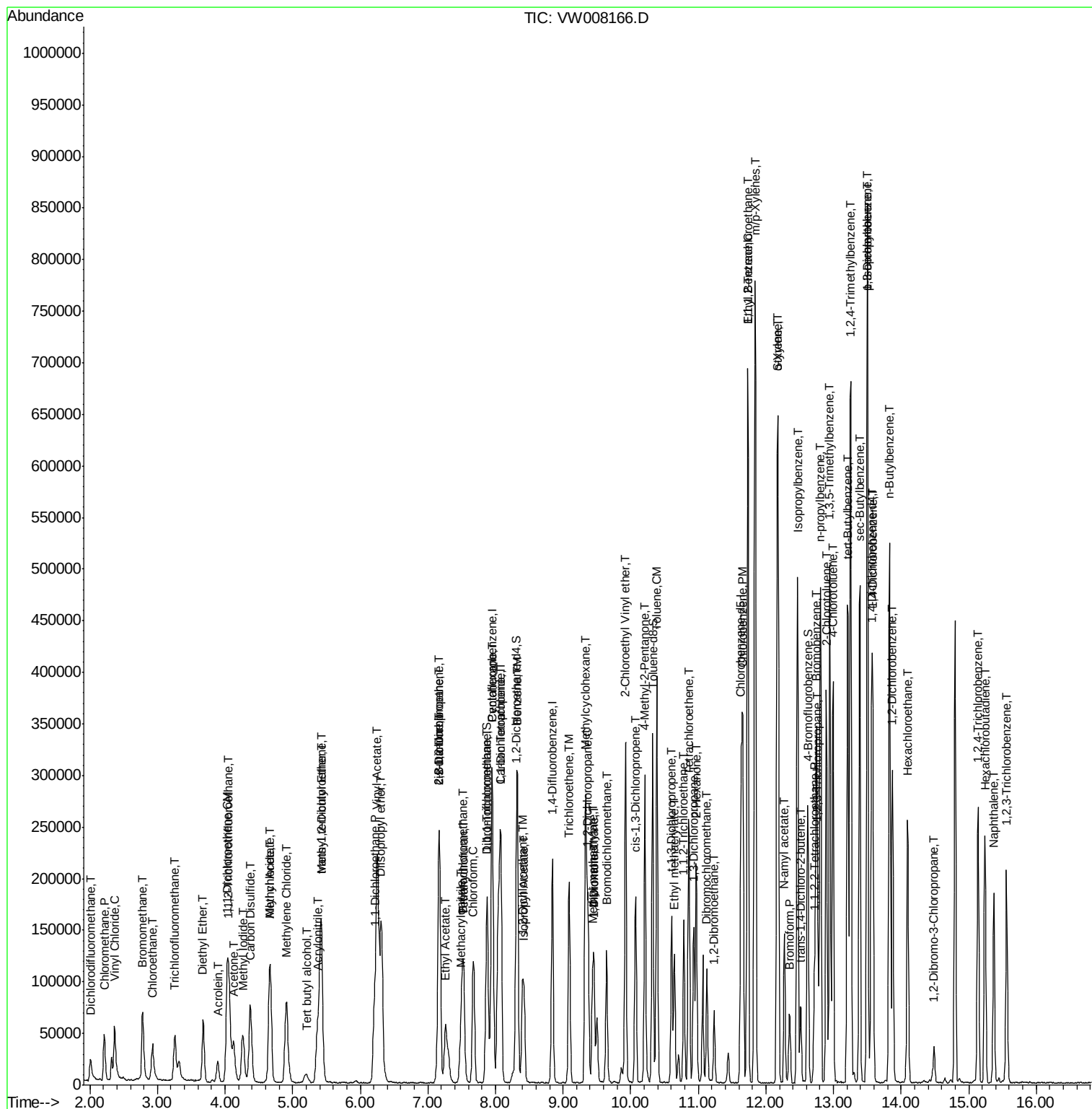
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	82053	52.045	ug/l	95
94) Hexachlorobutadiene	15.24	225	43522	51.576	ug/l	99
95) Naphthalene	15.38	128	157572	53.527	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	70572	52.510	ug/l	96

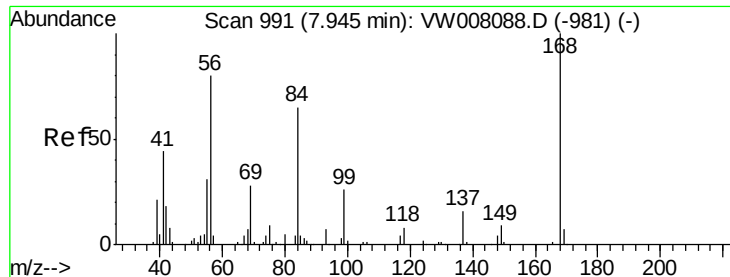
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

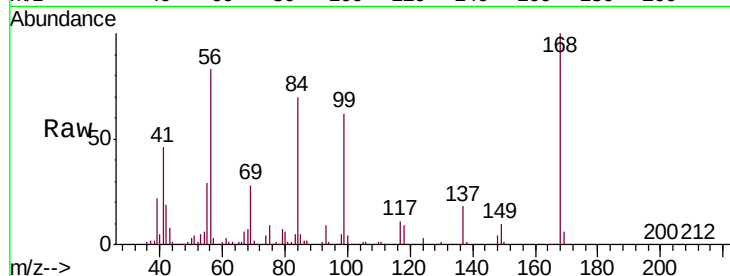
VSTDCCC050

Tgt Ion:168 Resp: 101855

Ion Ratio Lower Upper

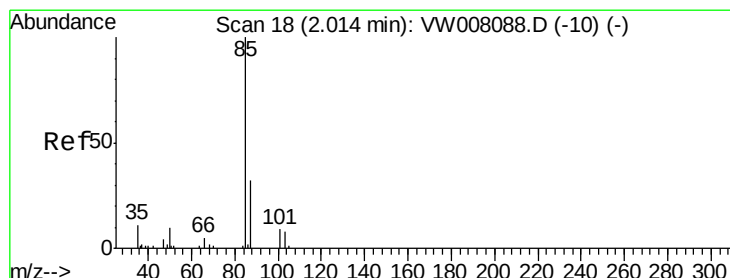
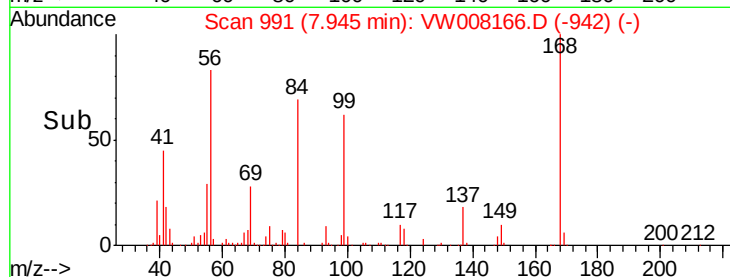
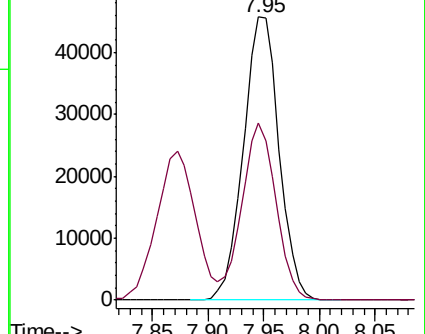
168 100

99 62.2 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: 46.666 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008166.D

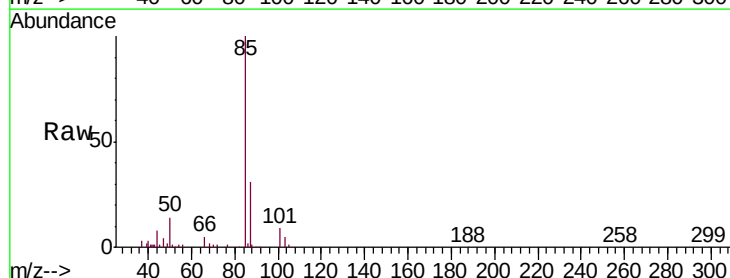
Acq: 10 Jan 2019 23:49

Tgt Ion: 85 Resp: 38792

Ion Ratio Lower Upper

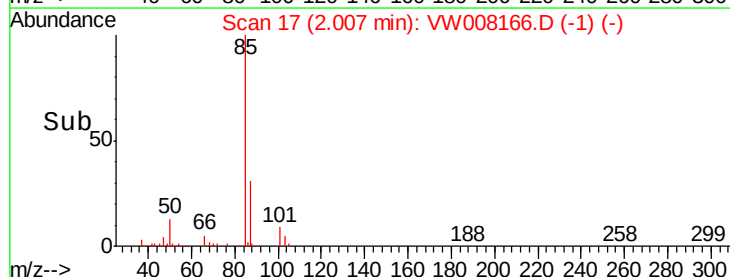
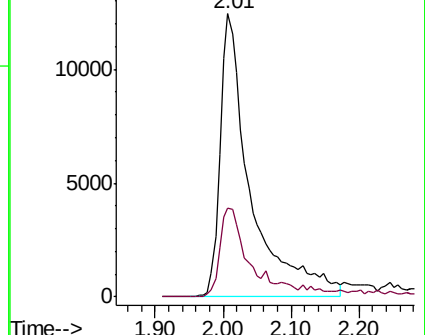
85 100

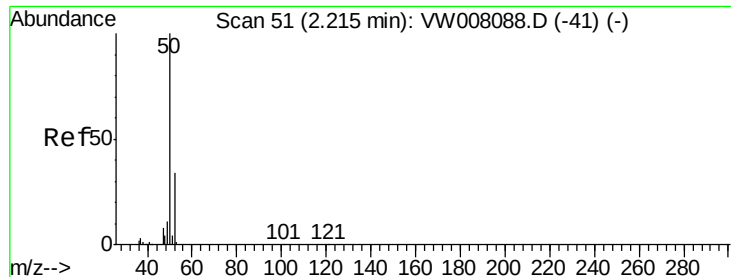
87 31.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 46.003 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

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ClientSampleId :

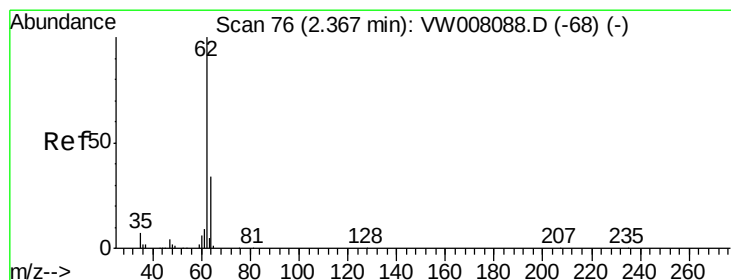
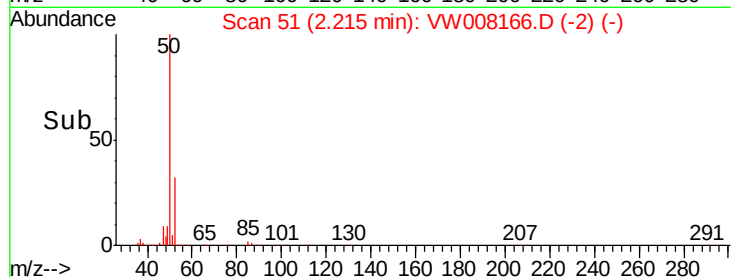
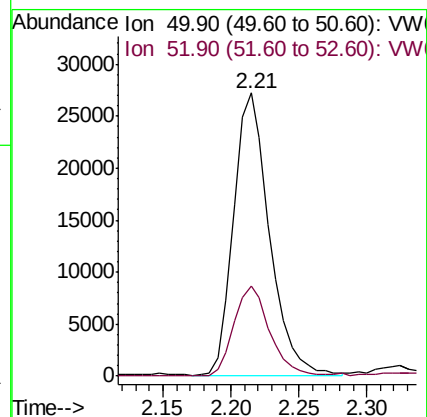
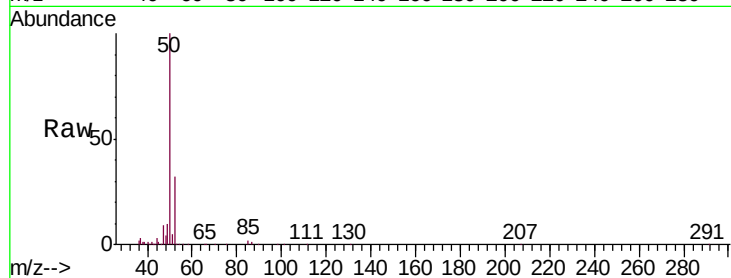
VSTDCCC050

Tgt Ion: 50 Resp: 49612

Ion Ratio Lower Upper

50 100

52 31.9 26.8 40.2



#4

Vinyl Chloride

Concen: 45.782 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008166.D

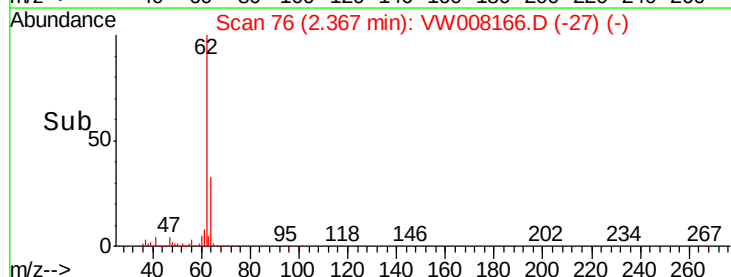
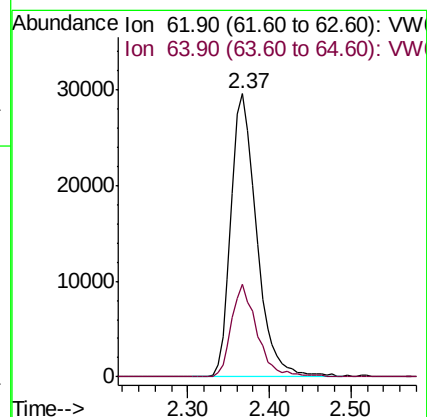
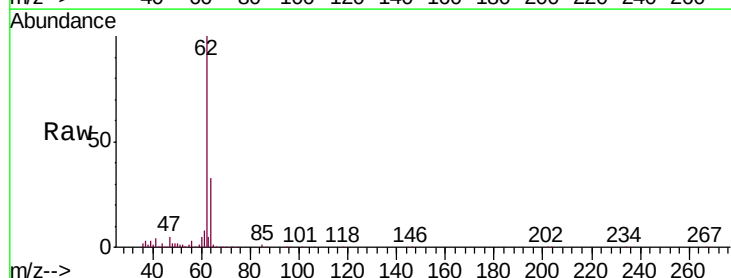
Acq: 10 Jan 2019 23:49

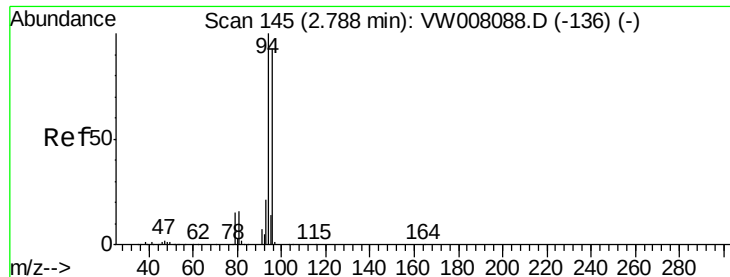
Tgt Ion: 62 Resp: 64440

Ion Ratio Lower Upper

62 100

64 32.9 27.0 40.6





#5

Bromomethane

Concen: 47.278 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

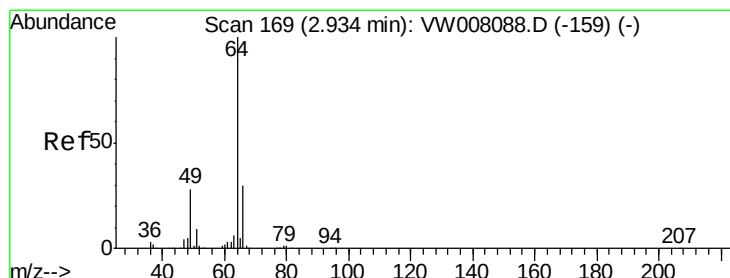
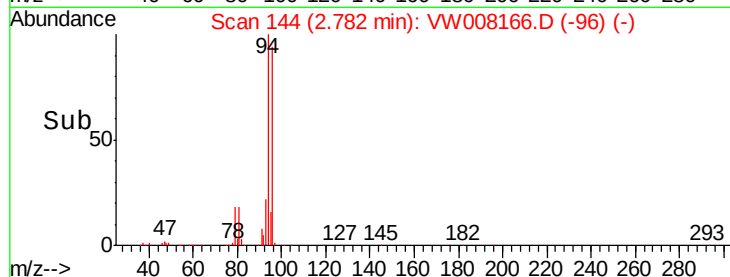
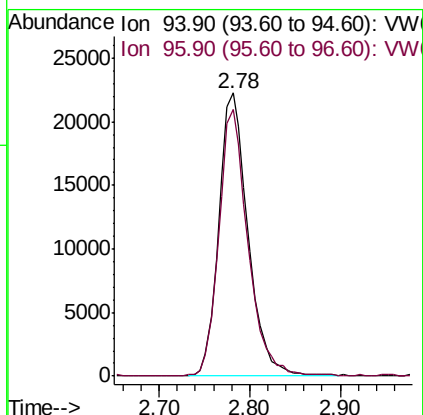
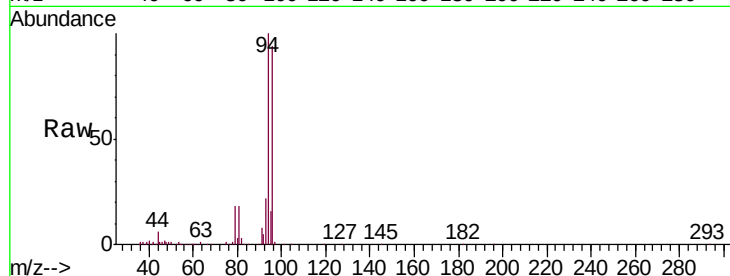
VSTDCCC050

Tgt Ion: 94 Resp: 49850

Ion Ratio Lower Upper

94 100

96 94.0 74.1 111.1



#6

Chloroethane

Concen: 41.673 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW008166.D

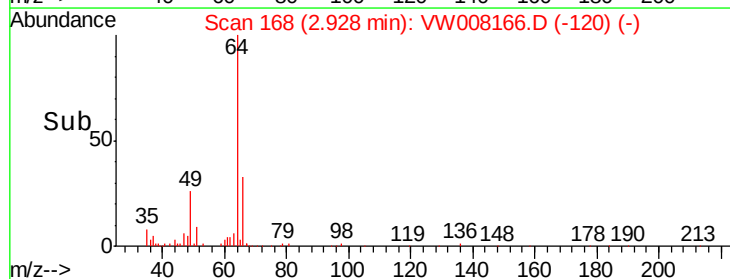
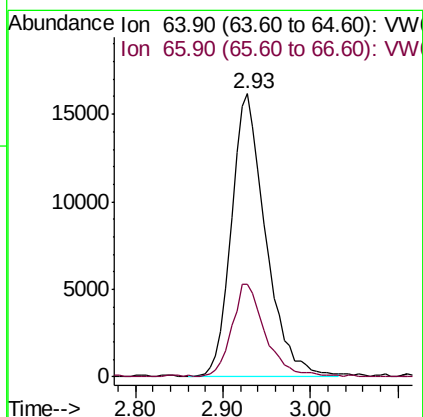
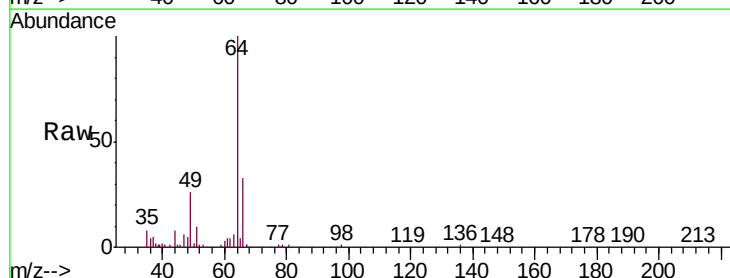
Acq: 10 Jan 2019 23:49

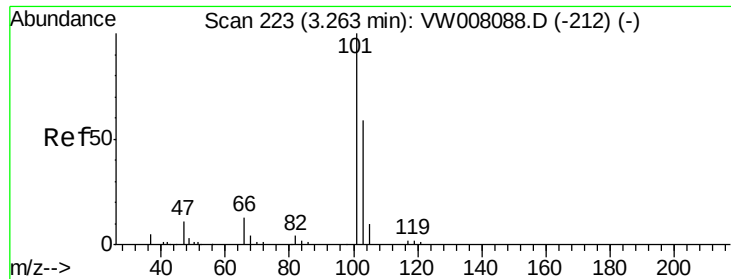
Tgt Ion: 64 Resp: 44138

Ion Ratio Lower Upper

64 100

66 32.4 24.2 36.2



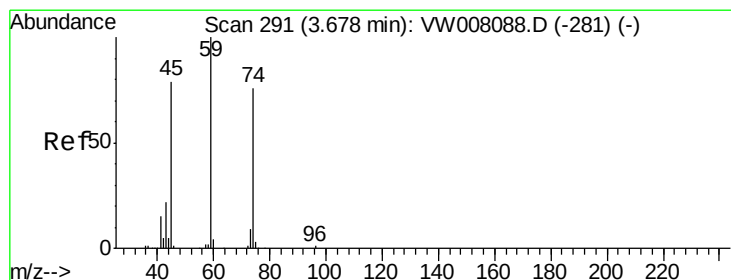
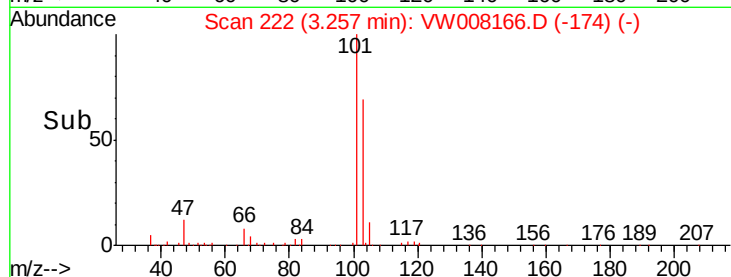
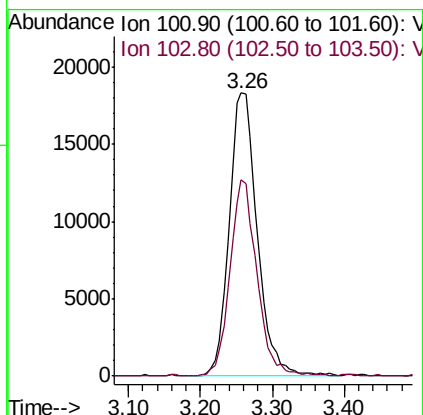
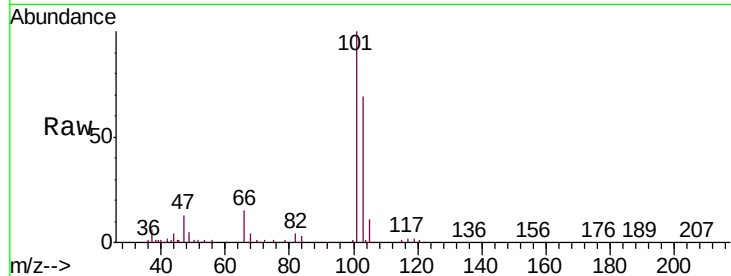


#7

Trichlorofluoromethane
 Concen: 43.433 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
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 VSTDCCC050

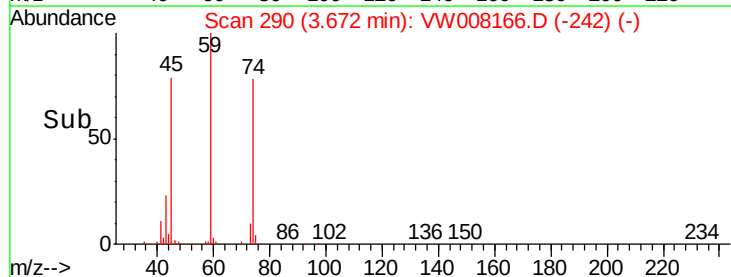
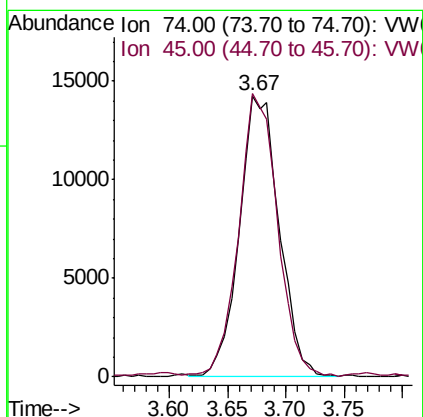
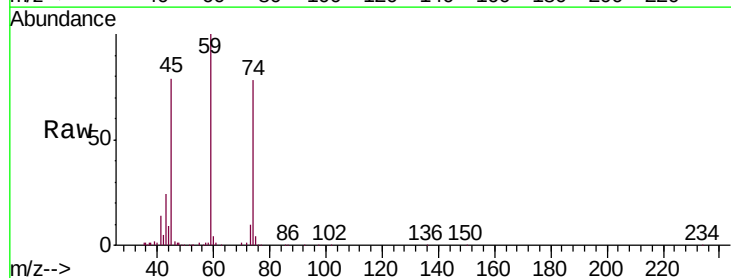
Tgt Ion:101 Resp: 49700
 Ion Ratio Lower Upper
 101 100
 103 69.2 47.0 70.6

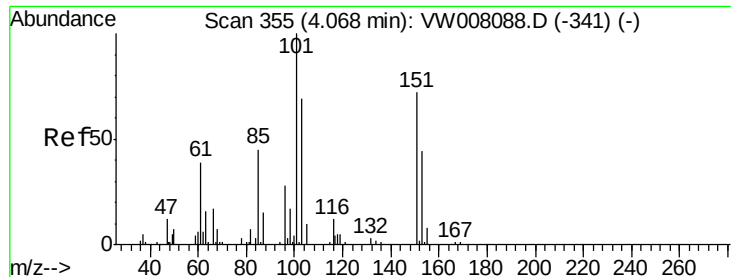


#8

Diethyl Ether
 Concen: 52.667 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Tgt Ion: 74 Resp: 34070
 Ion Ratio Lower Upper
 74 100
 45 98.5 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.231 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

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Instrument :

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ClientSampleId :

VSTDCCC050

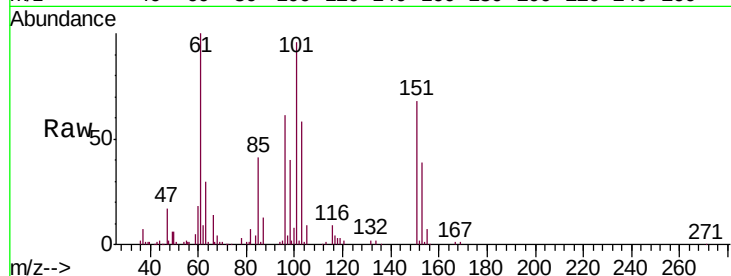
Tgt Ion:101 Resp: 54796

Ion Ratio Lower Upper

101 100

85 43.8 35.9 53.9

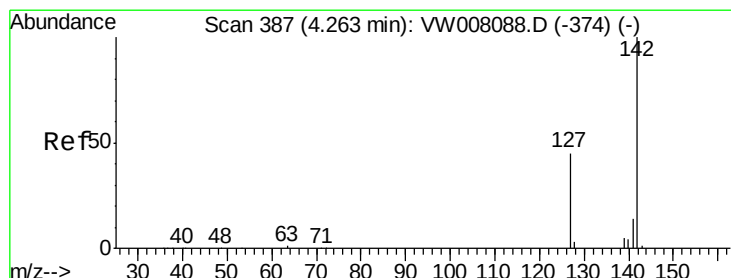
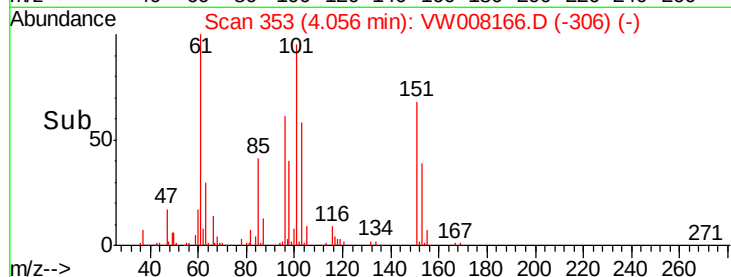
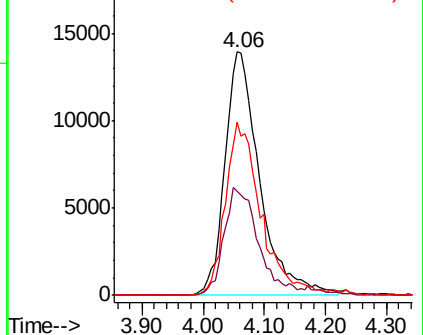
151 72.2 55.8 83.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.164 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

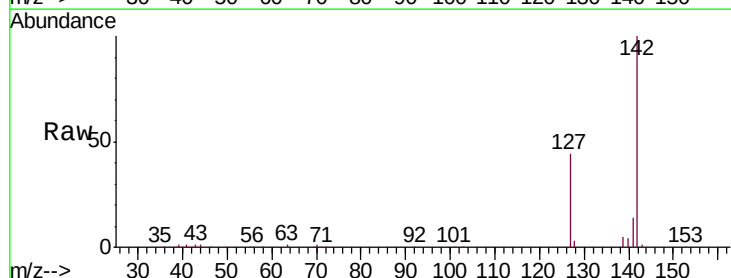
Tgt Ion:142 Resp: 86373

Ion Ratio Lower Upper

142 100

127 43.3 35.0 52.4

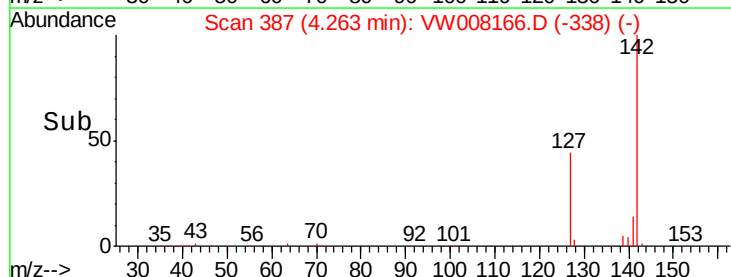
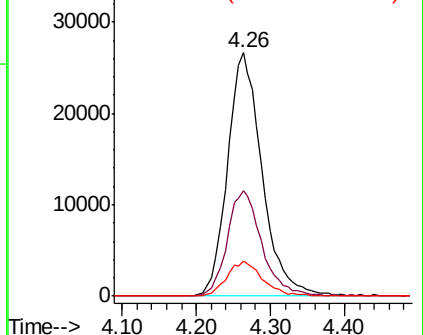
141 14.7 11.8 17.6

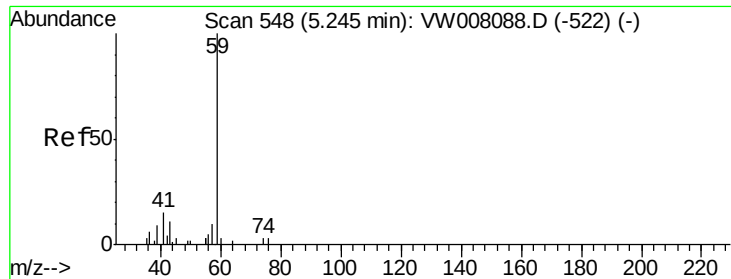


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

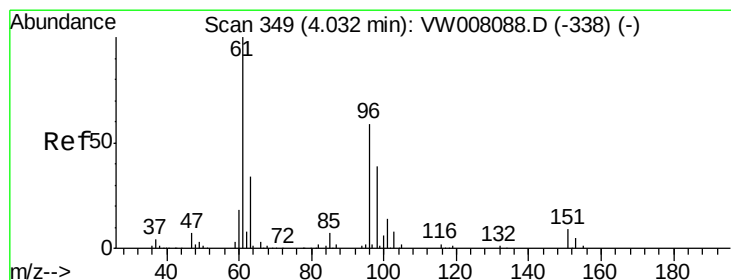
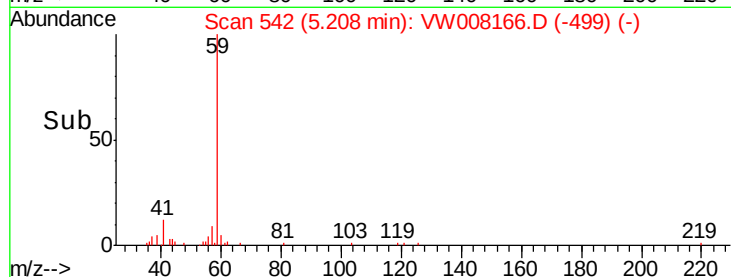
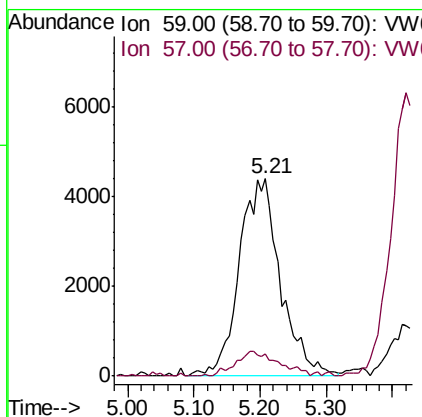
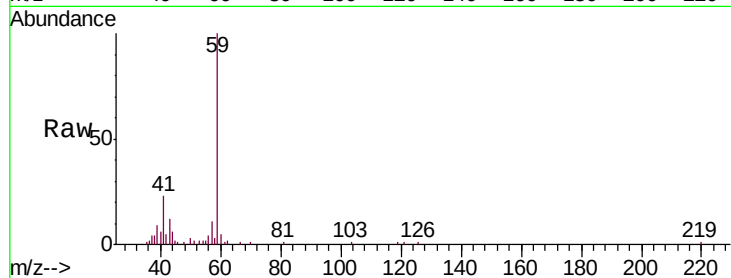




#11
Tert butyl alcohol
Concen: 273.801 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.04 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

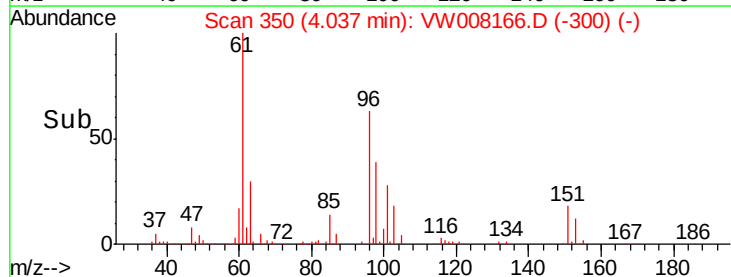
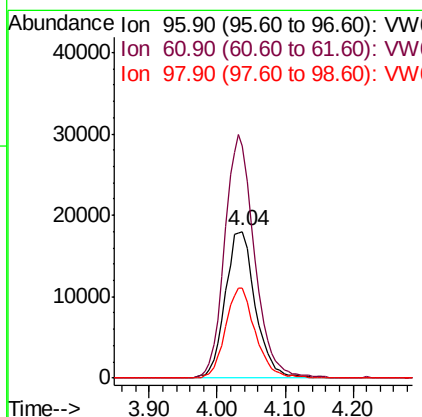
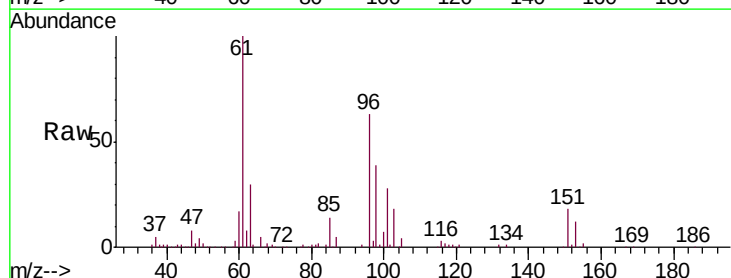
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

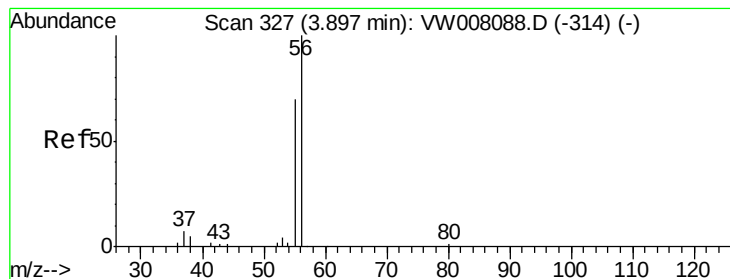
Tgt Ion: 59 Resp: 19022
Ion Ratio Lower Upper
59 100
57 12.9 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 49.784 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion: 96 Resp: 55530
Ion Ratio Lower Upper
96 100
61 158.6 135.4 203.2
98 61.8 52.5 78.7





#13

Acrolein

Concen: 326.781 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

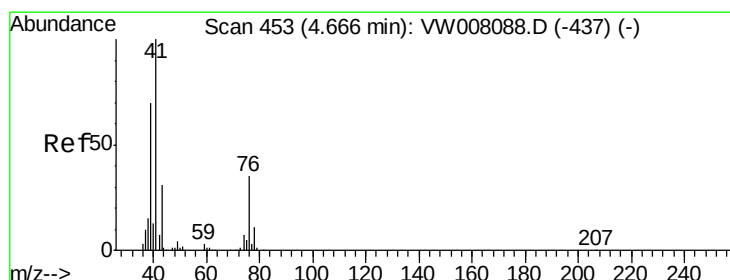
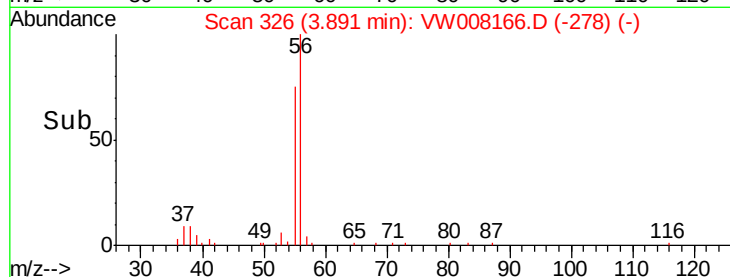
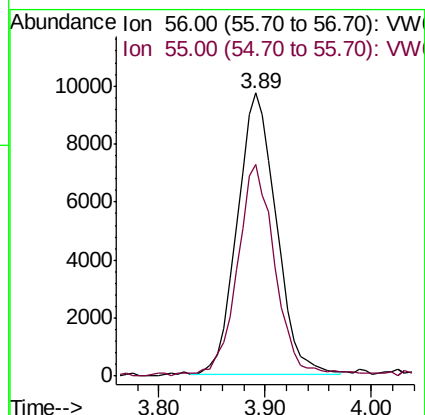
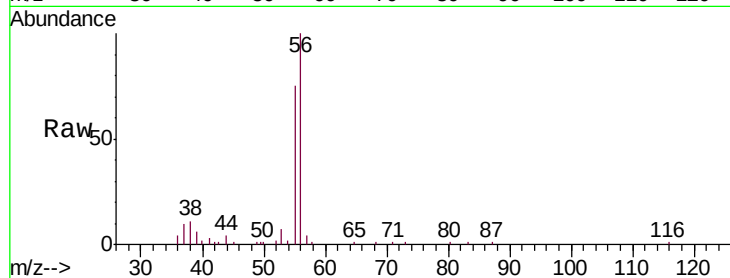
VSTDCCC050

Tgt Ion: 56 Resp: 24870

Ion Ratio Lower Upper

56 100

55 74.1 56.6 84.8



#14

Allyl chloride

Concen: 50.529 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

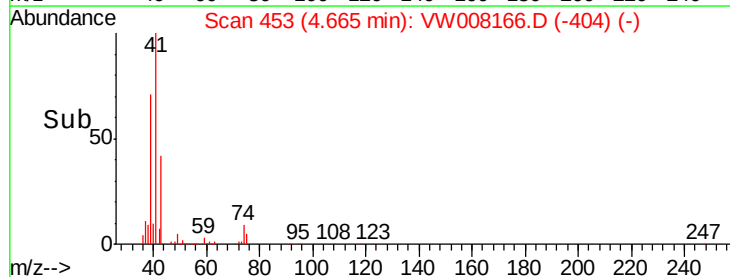
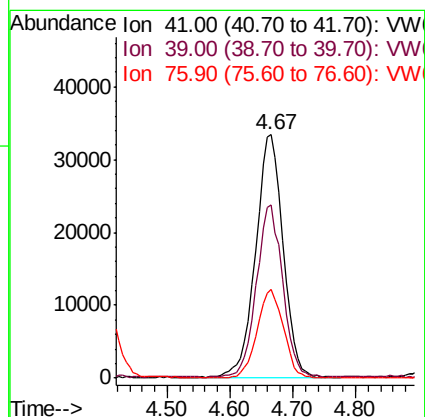
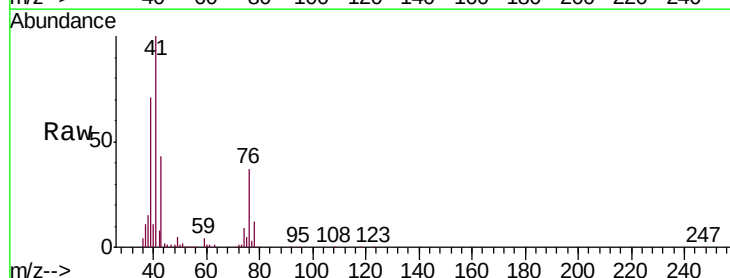
Tgt Ion: 41 Resp: 102329

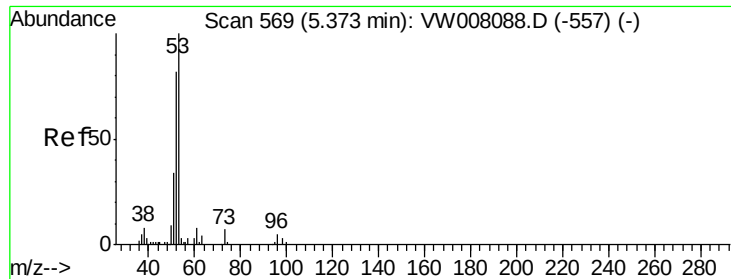
Ion Ratio Lower Upper

41 100

39 66.5 53.8 80.8

76 34.5 27.6 41.4





#15

Acrylonitrile

Concen: 281.548 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

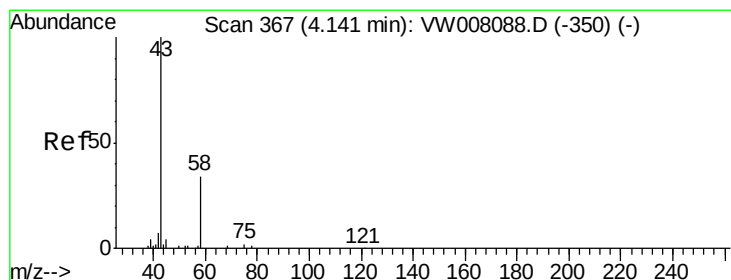
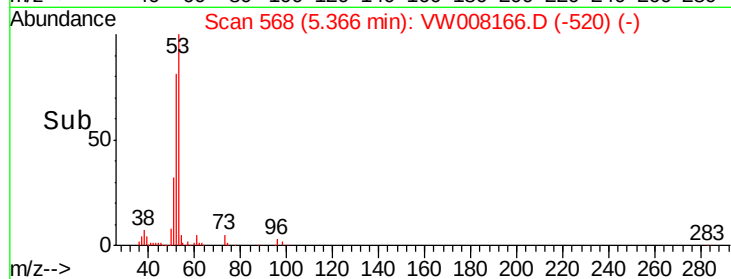
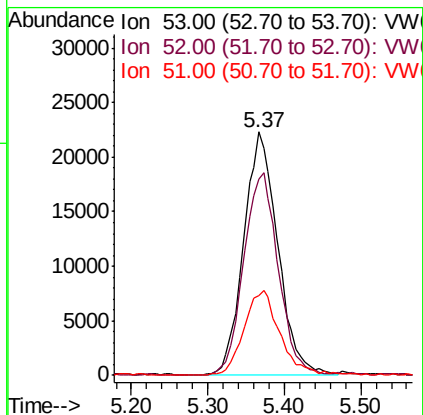
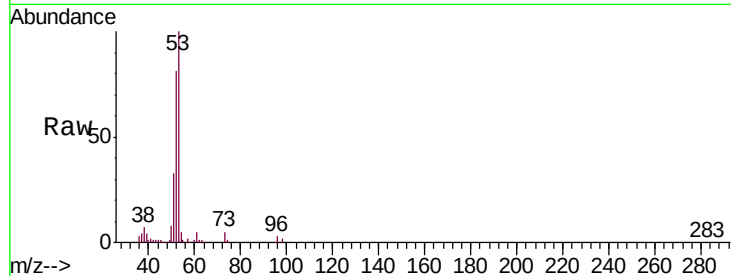
Tgt Ion: 53 Resp: 69341

Ion Ratio Lower Upper

53 100

52 84.4 66.8 100.2

51 37.2 29.7 44.5



#16

Acetone

Concen: 248.128 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW008166.D

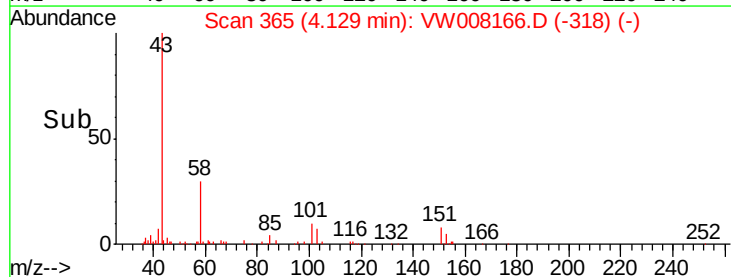
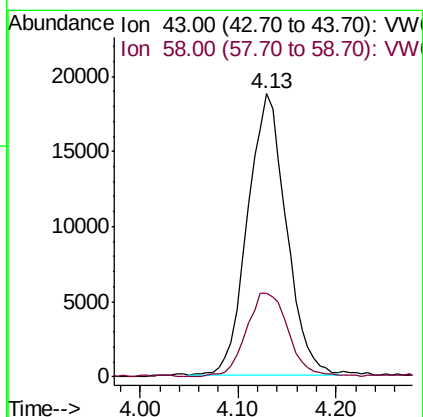
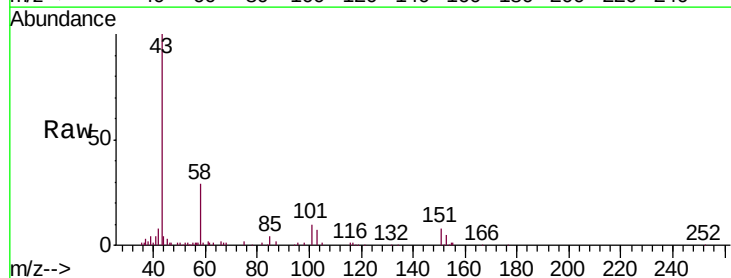
Acq: 10 Jan 2019 23:49

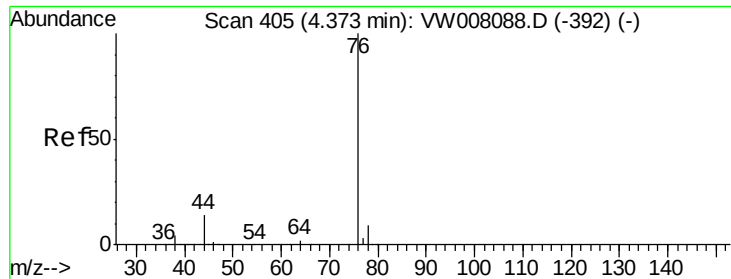
Tgt Ion: 43 Resp: 51090

Ion Ratio Lower Upper

43 100

58 29.7 27.5 41.3

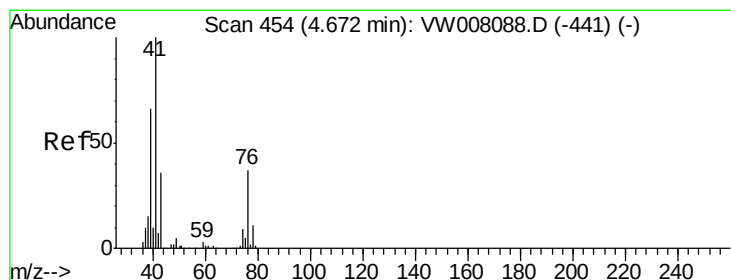
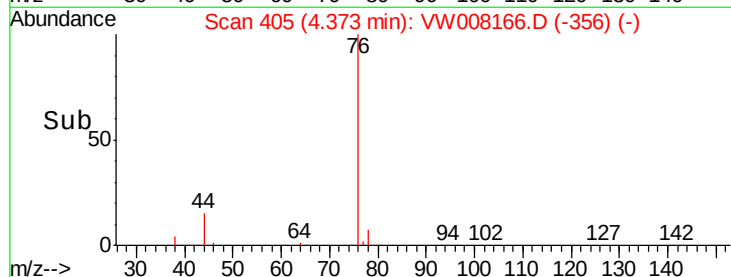
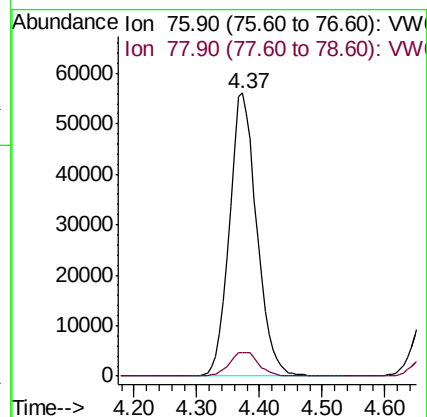
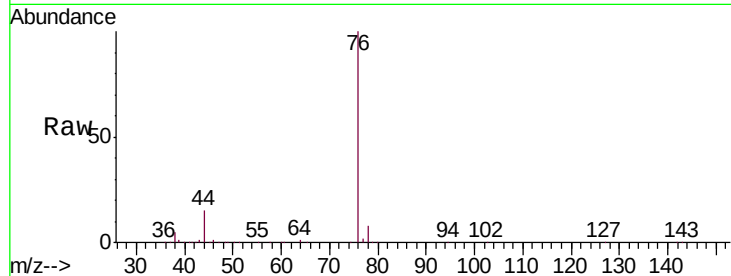




#17
Carbon Disulfide
Concen: 48.483 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

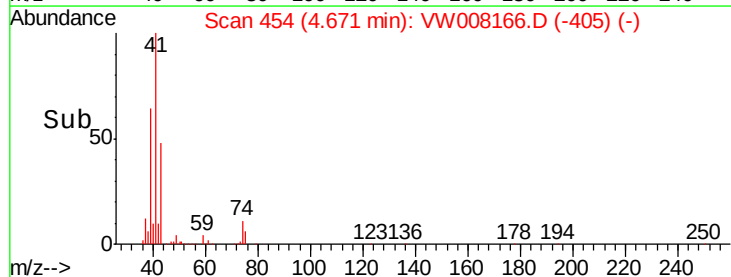
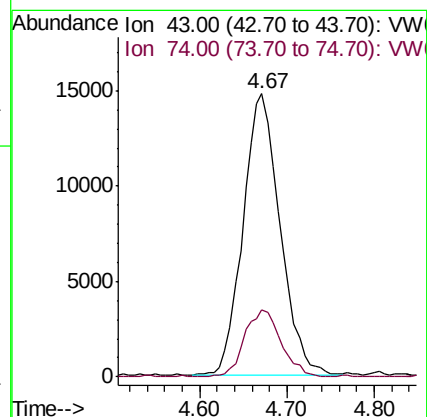
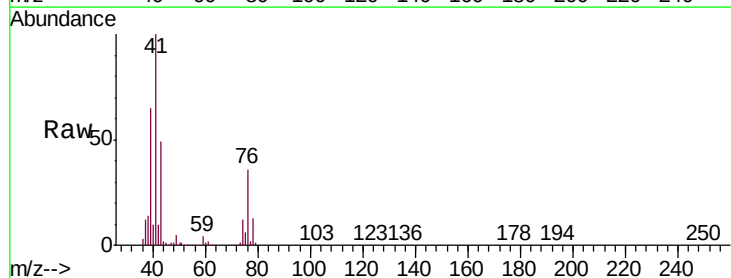
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

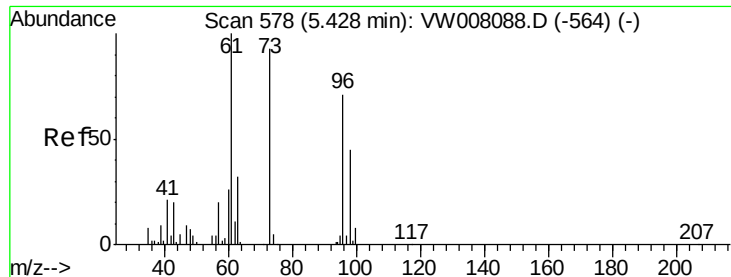
Tgt Ion: 76 Resp: 168935
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6



#18
Methyl Acetate
Concen: 59.993 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion: 43 Resp: 43406
Ion Ratio Lower Upper
43 100
74 23.5 19.0 28.4

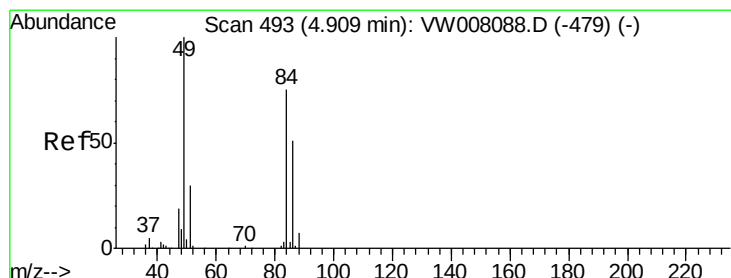
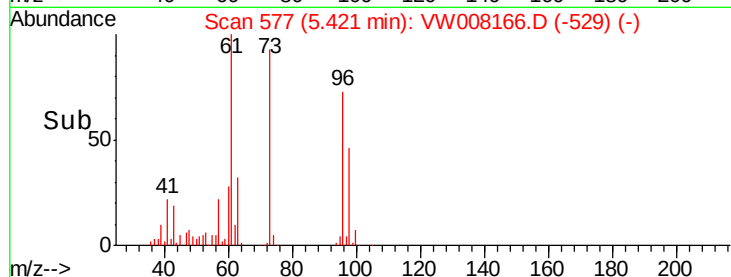
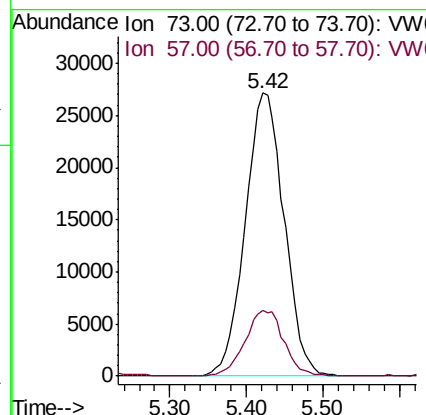
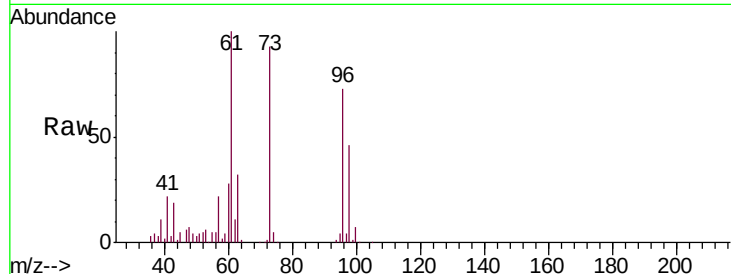




#19
Methyl tert-butyl Ether
Concen: 52.821 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

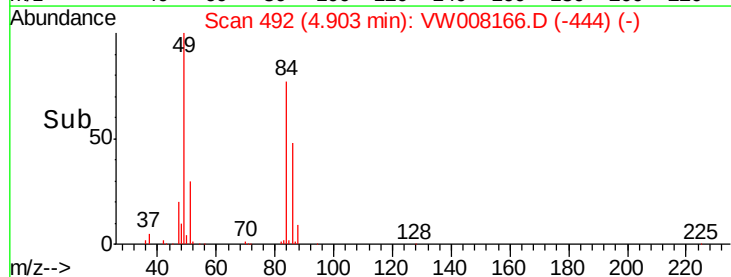
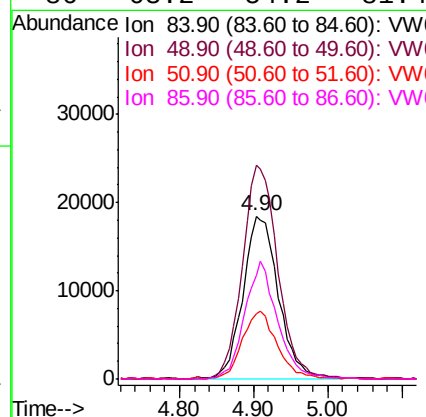
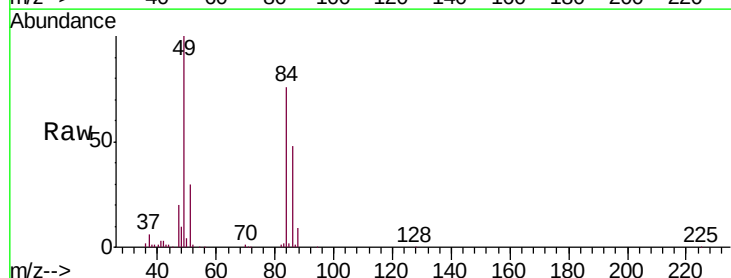
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

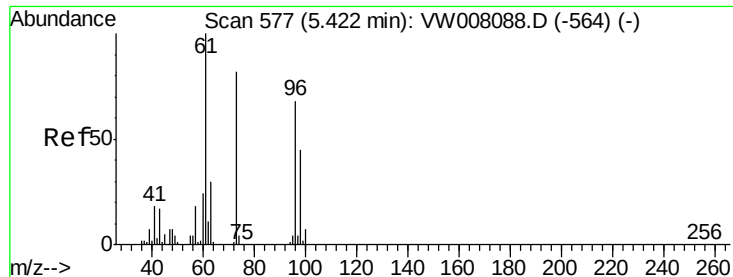
Tgt Ion: 73 Resp: 95783
Ion Ratio Lower Upper
73 100
57 22.9 16.7 25.1



#20
Methylene Chloride
Concen: 55.398 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion: 84 Resp: 61854
Ion Ratio Lower Upper
84 100
49 130.9 107.1 160.7
51 39.4 32.4 48.6
86 63.2 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 51.741 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

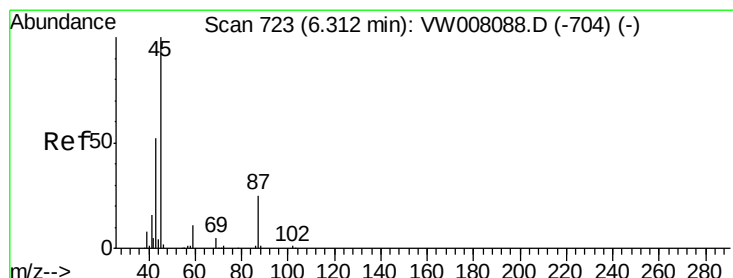
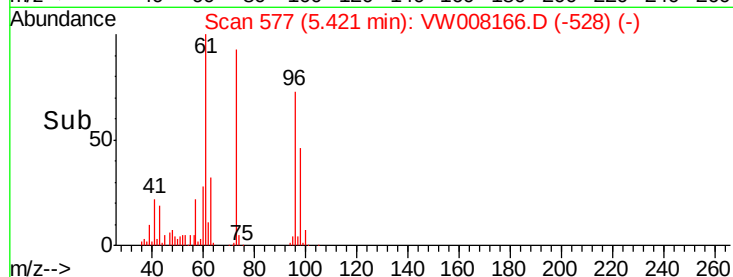
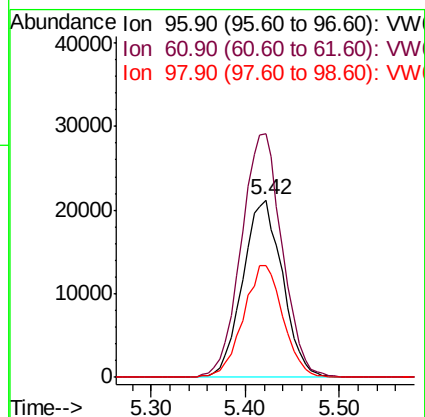
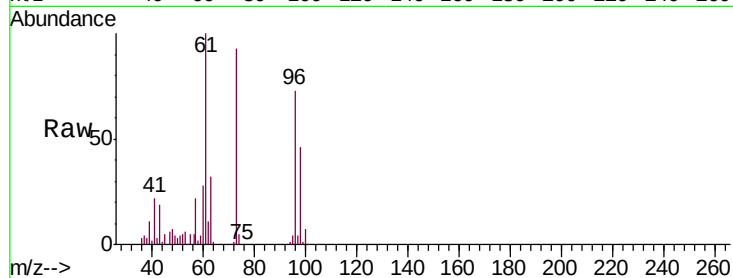
Tgt Ion: 96 Resp: 62718

Ion Ratio Lower Upper

96 100

61 137.5 117.4 176.0

98 63.3 52.2 78.4



#22

Diisopropyl ether

Concen: 53.514 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Tgt Ion: 45 Resp: 206691

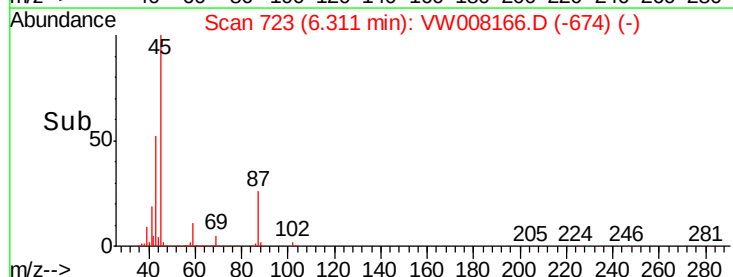
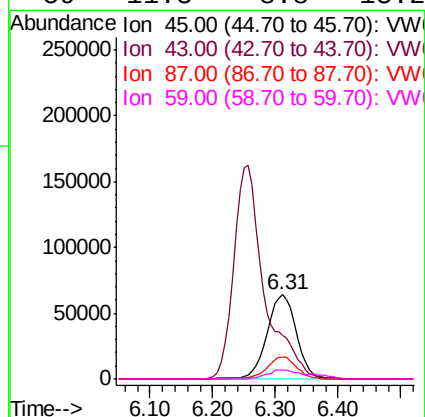
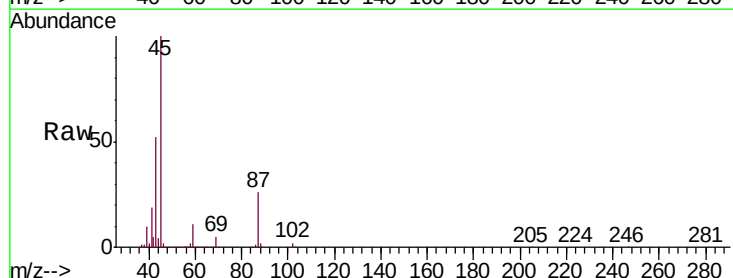
Ion Ratio Lower Upper

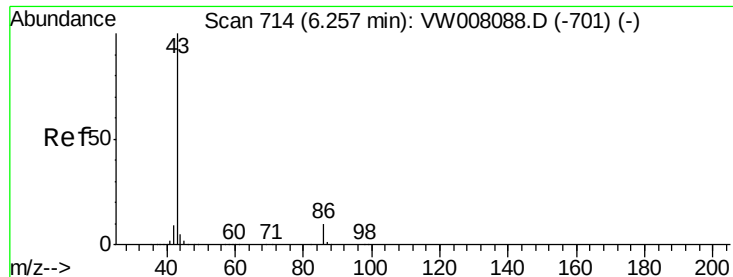
45 100

43 52.3 41.7 62.5

87 25.8 20.1 30.1

59 11.3 8.8 13.2





#23

Vinyl Acetate

Concen: 269.779 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

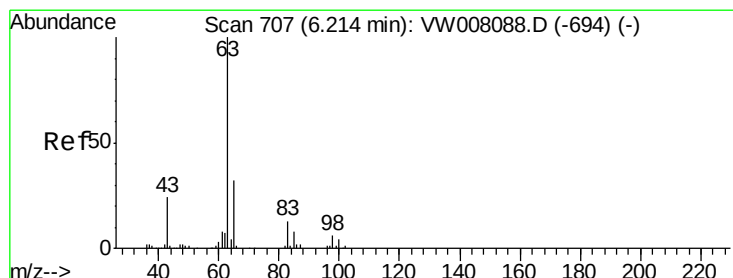
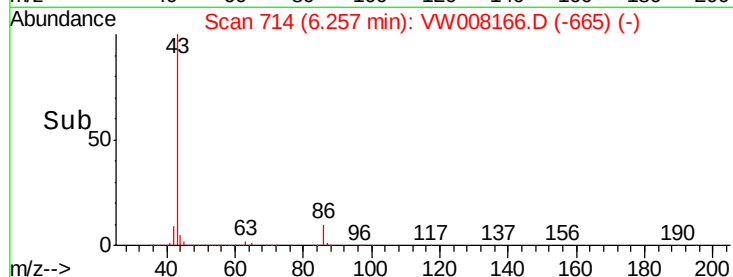
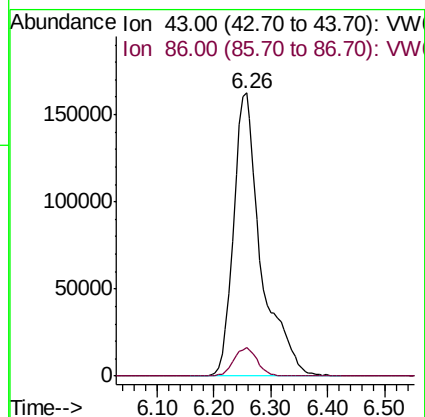
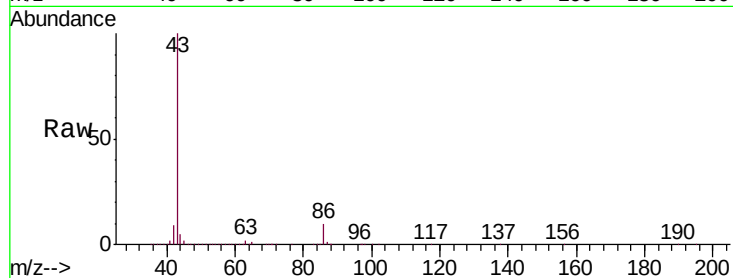
VSTDCCC050

Tgt Ion: 43 Resp: 547245

Ion Ratio Lower Upper

43 100

86 10.2 7.7 11.5



#24

1,1-Dichloroethane

Concen: 51.699 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

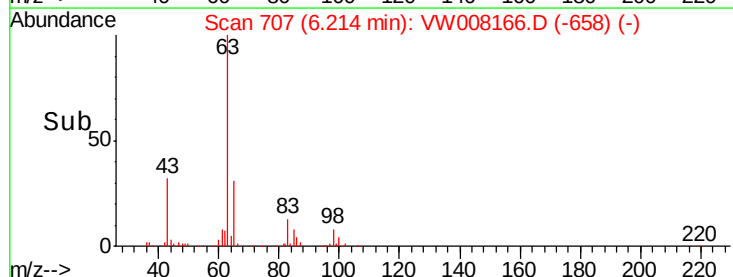
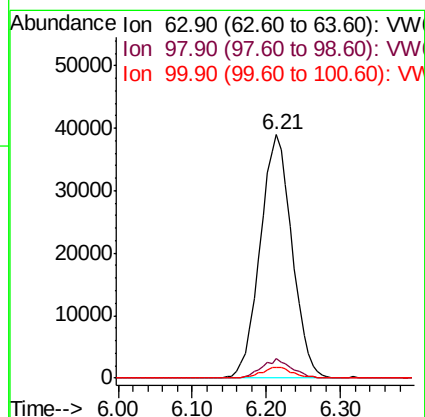
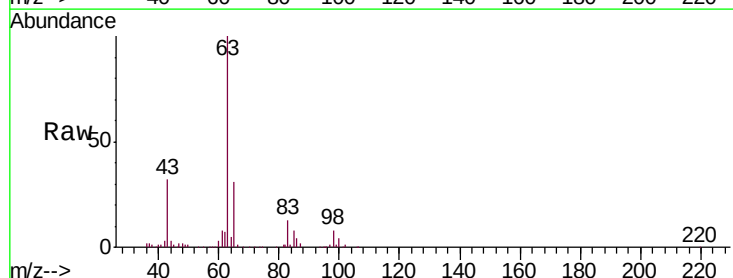
Tgt Ion: 63 Resp: 116345

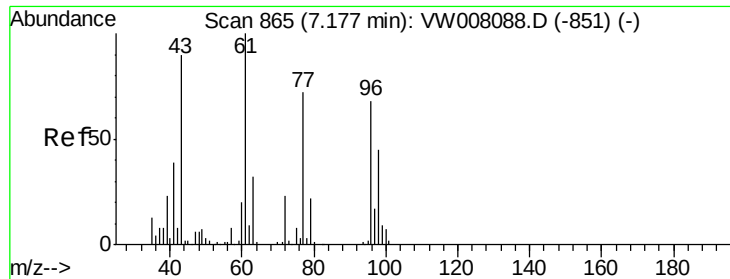
Ion Ratio Lower Upper

63 100

98 8.2 3.2 9.6

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 266.922 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

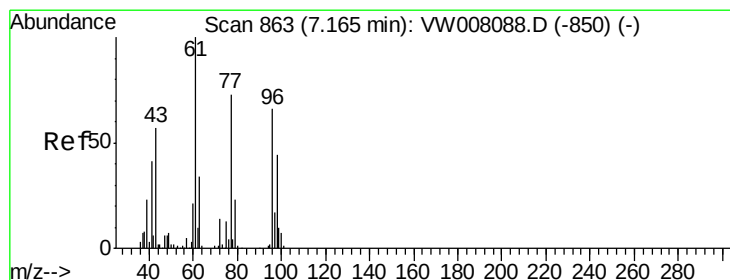
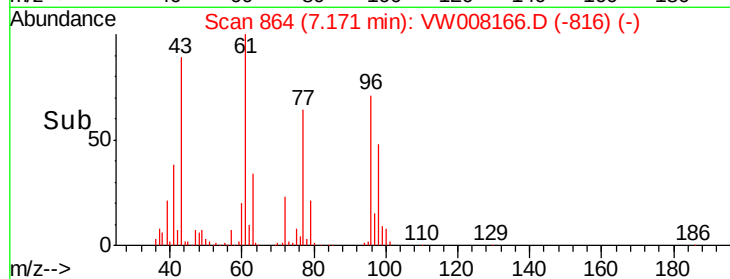
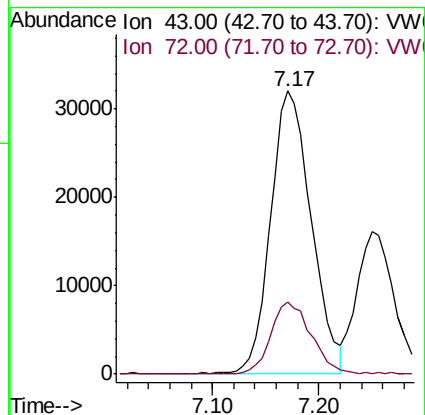
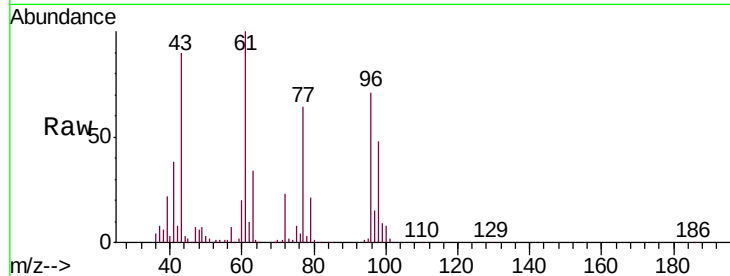
VSTDCCC050

Tgt Ion: 43 Resp: 85017

Ion Ratio Lower Upper

43 100

72 25.6 20.5 30.7



#26

2,2-Dichloropropane

Concen: 44.601 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008166.D

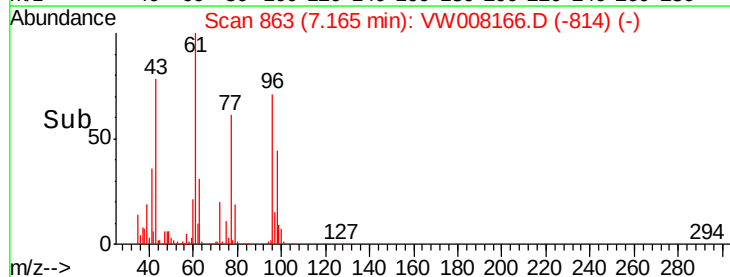
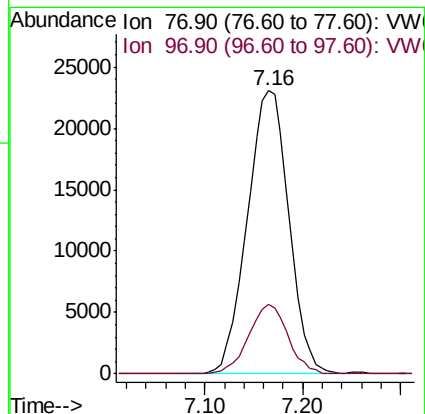
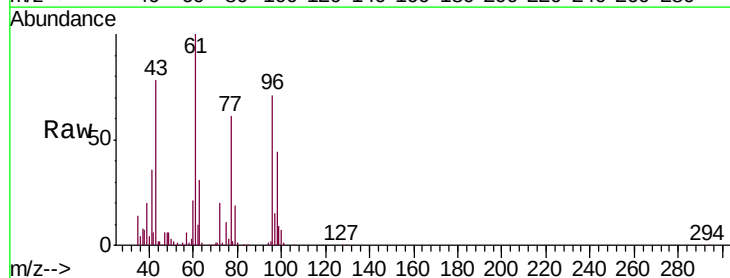
Acq: 10 Jan 2019 23:49

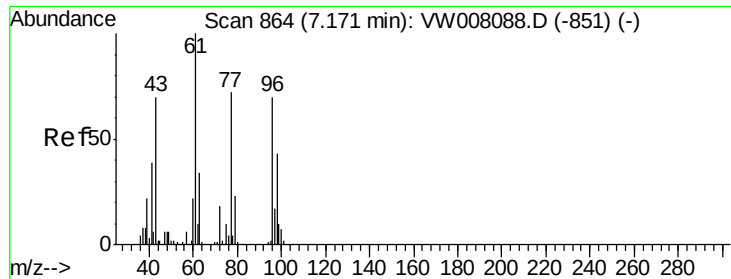
Tgt Ion: 77 Resp: 68008

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1



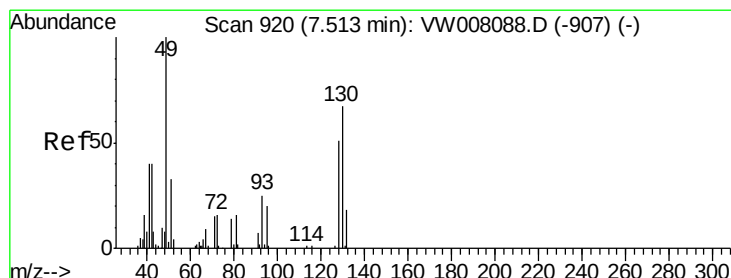
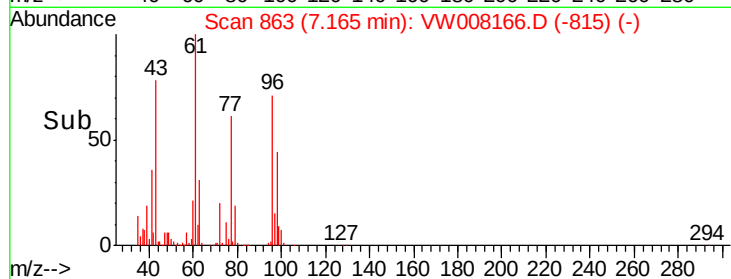
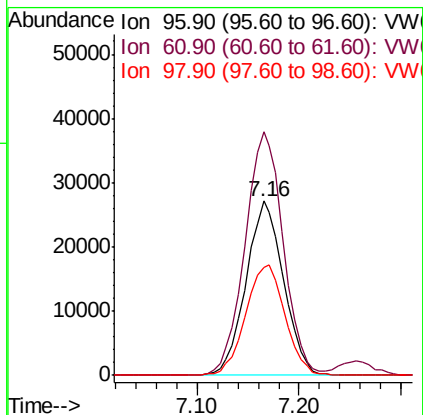
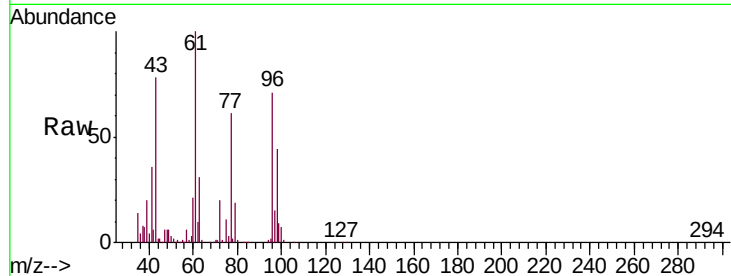


#27

cis-1,2-Dichloroethene
Concen: 52.601 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

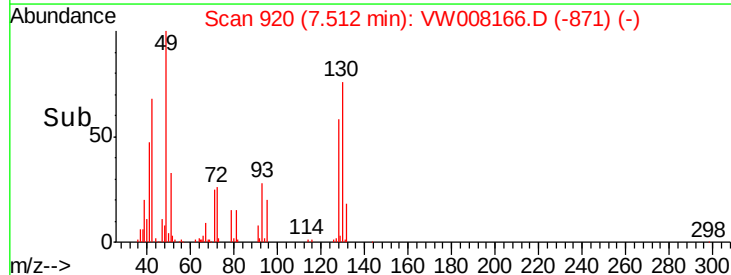
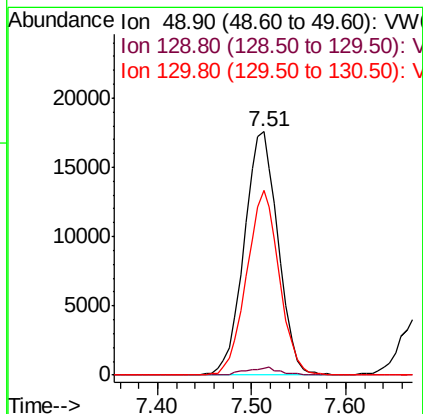
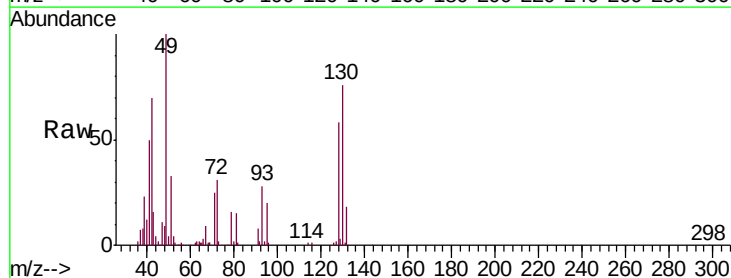
Tgt Ion: 96 Resp: 69566
Ion Ratio Lower Upper
96 100
61 142.3 0.0 300.4
98 66.0 0.0 128.4

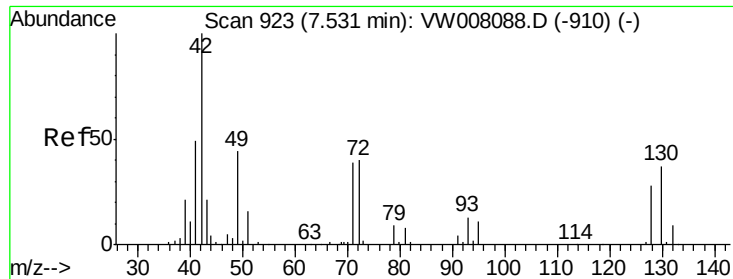


#28

Bromochloromethane
Concen: 49.758 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion: 49 Resp: 44291
Ion Ratio Lower Upper
49 100
129 3.0 0.0 2.8#
130 73.1 54.3 81.5

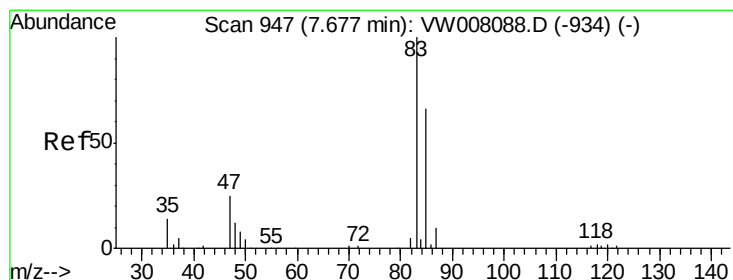
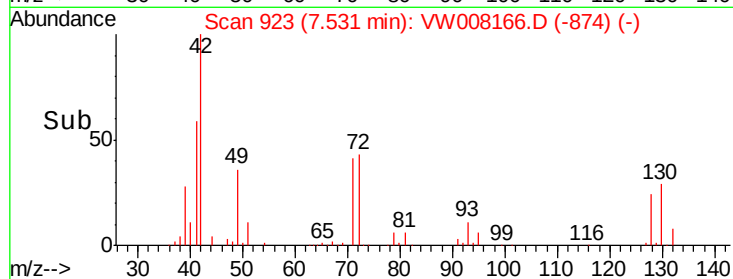
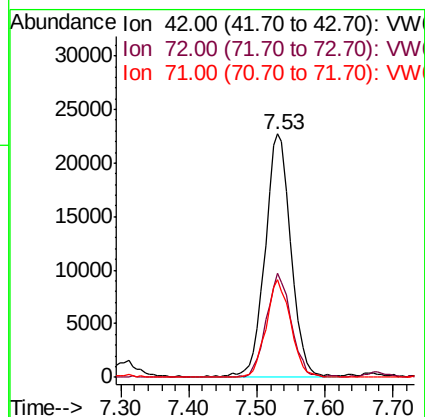
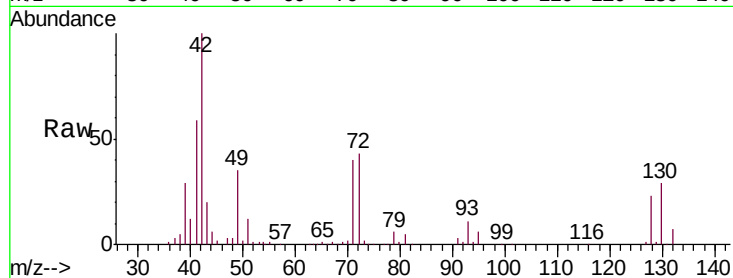




#29
Tetrahydrofuran
Concen: 284.001 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

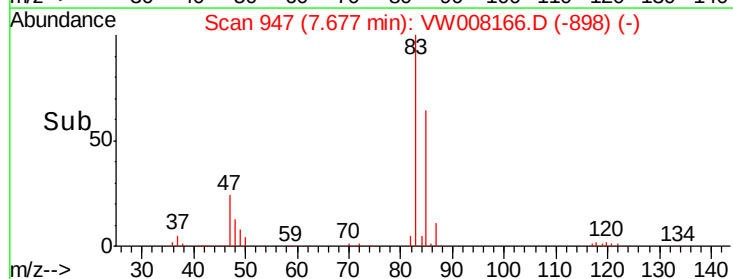
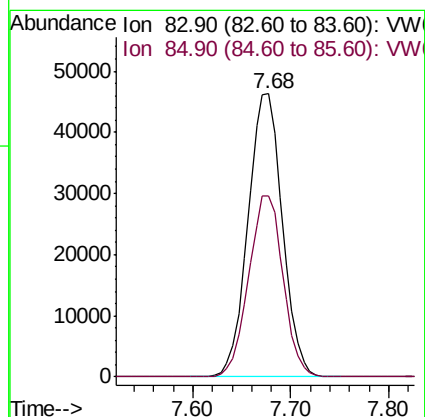
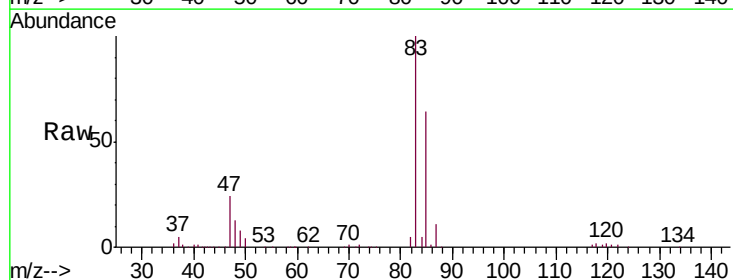
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

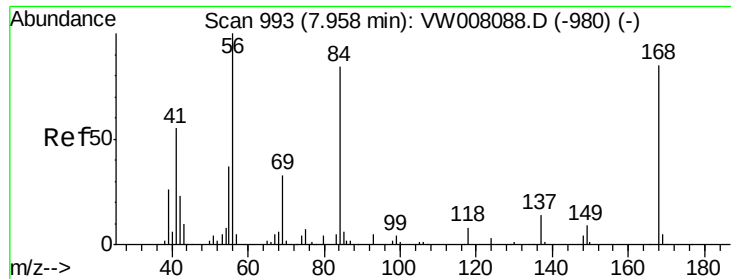
Tgt Ion: 42 Resp: 60424
Ion Ratio Lower Upper
42 100
72 40.9 32.4 48.6
71 38.2 31.3 46.9



#30
Chloroform
Concen: 52.894 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion: 83 Resp: 113302
Ion Ratio Lower Upper
83 100
85 64.1 53.2 79.8

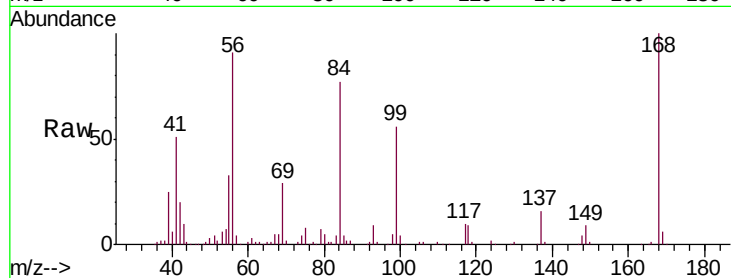




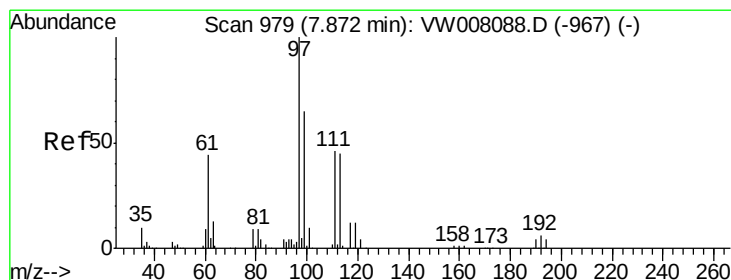
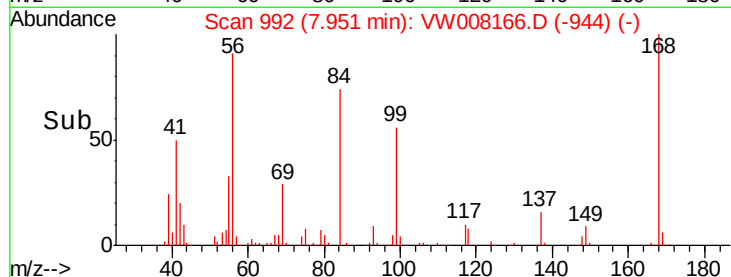
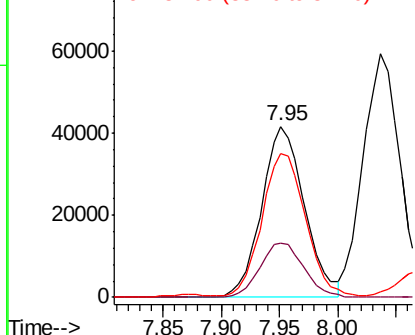
#31
Cyclohexane
Concen: 44.181 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 106437
Ion Ratio Lower Upper
56 100
69 31.5 26.2 39.4
84 82.4 67.4 101.2

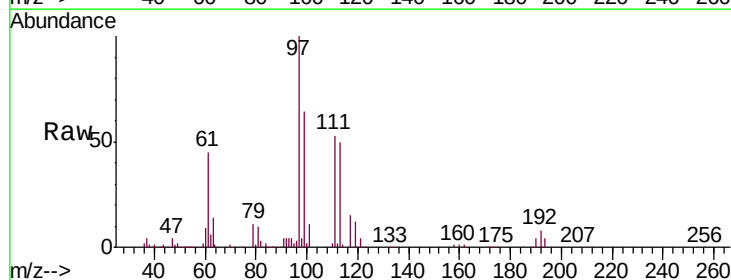


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

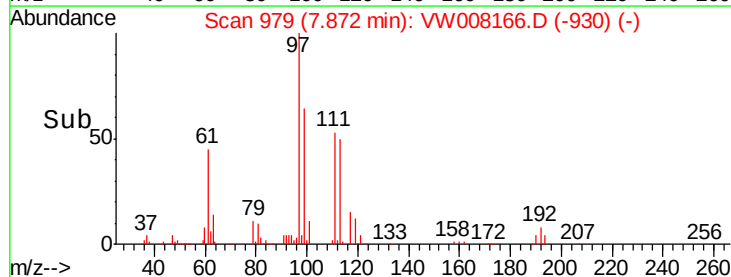
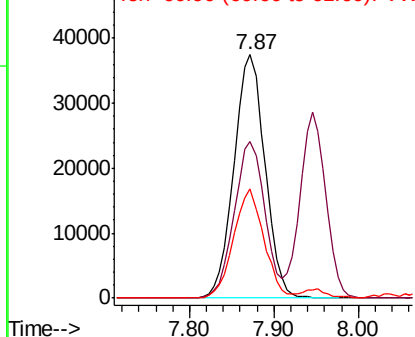


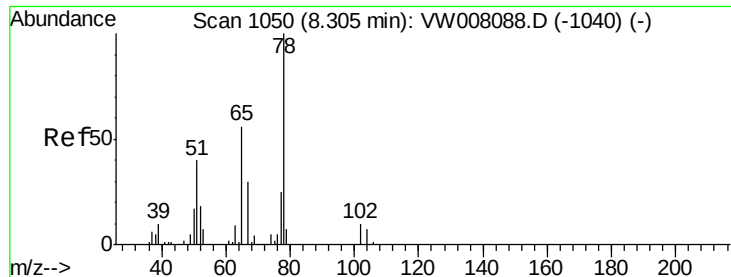
#32
1,1,1-Trichloroethane
Concen: 49.897 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion: 97 Resp: 93001
Ion Ratio Lower Upper
97 100
99 63.6 51.4 77.0
61 43.9 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

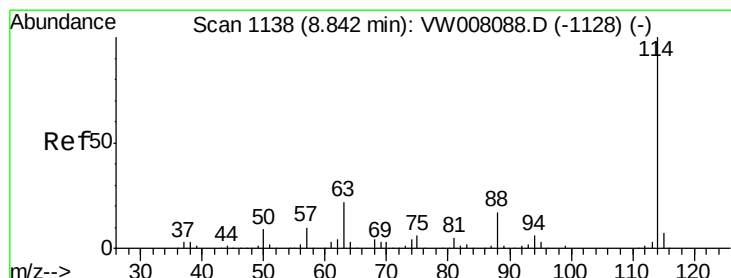
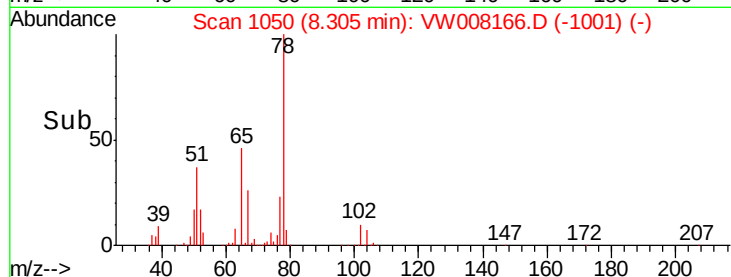
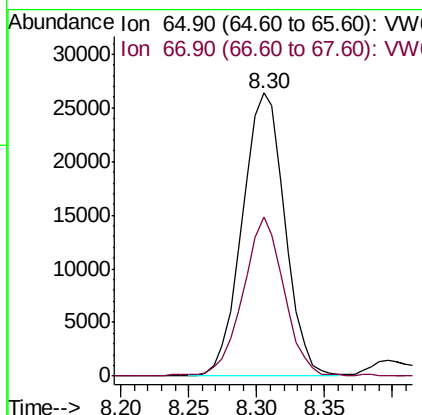
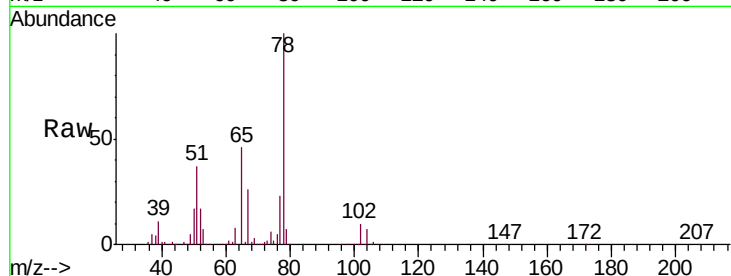




#33
 1,2-Dichloroethane-d4
 Concen: 50.257 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

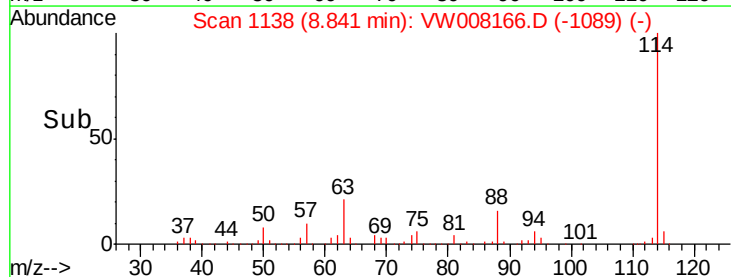
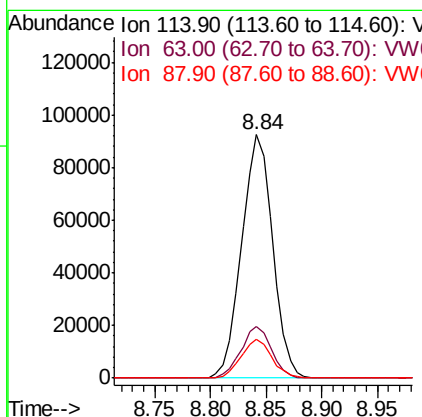
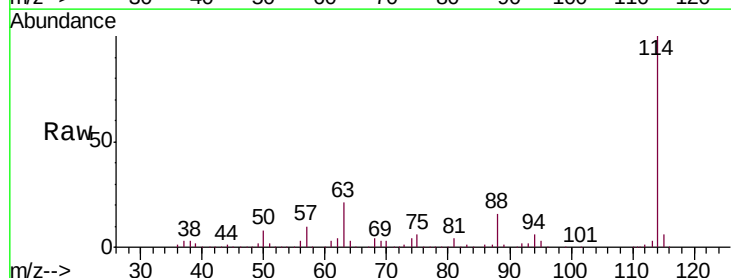
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

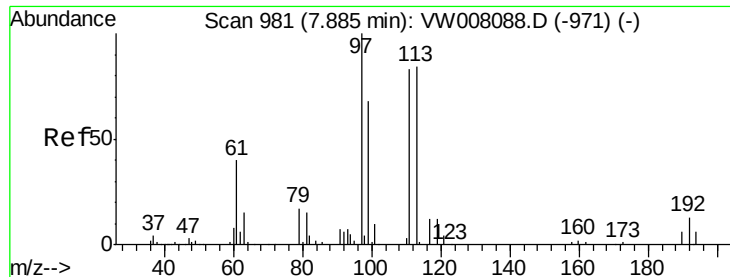
Tgt Ion: 65 Resp: 57532
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Tgt Ion: 114 Resp: 178722
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.4
 88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.858 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

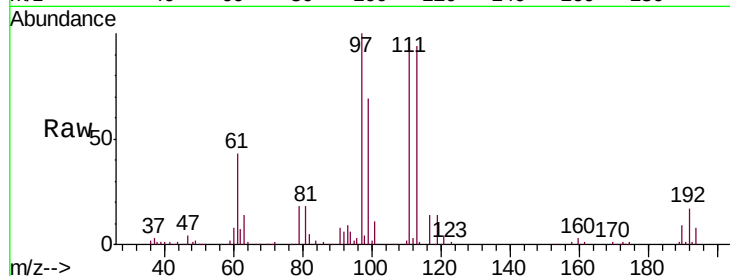
Tgt Ion:113 Resp: 56140

Ion Ratio Lower Upper

113 100

111 101.3 81.8 122.8

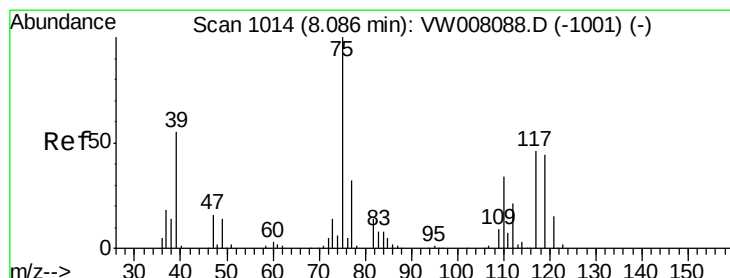
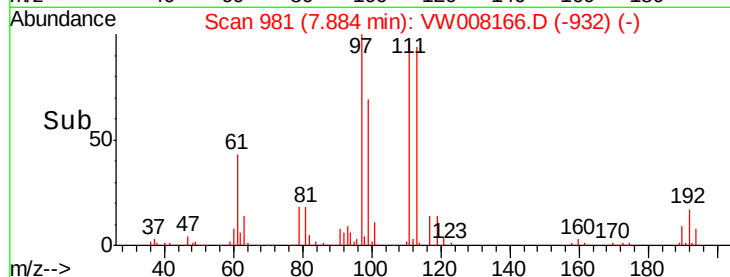
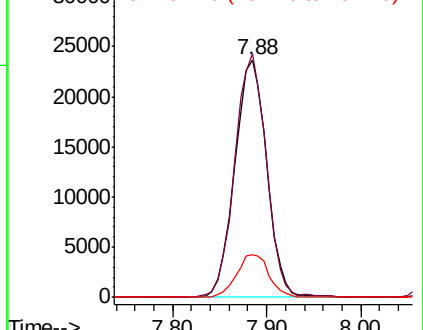
192 18.0 12.8 19.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.308 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

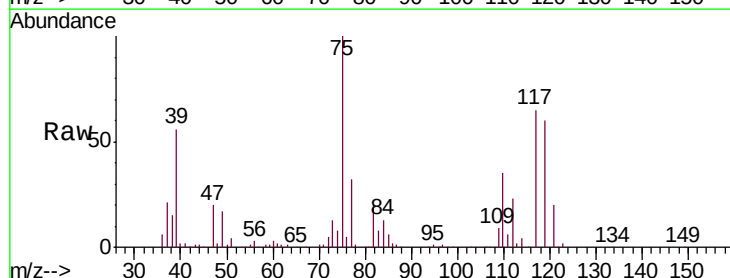
Tgt Ion: 75 Resp: 88936

Ion Ratio Lower Upper

75 100

110 35.5 17.1 51.3

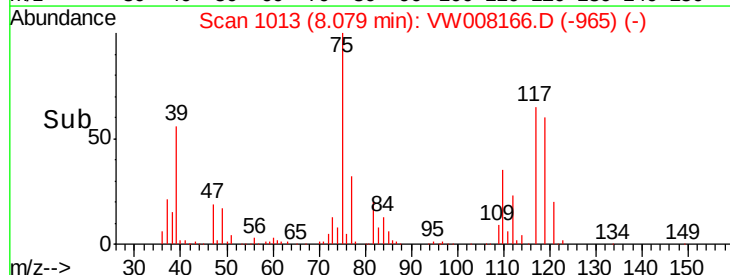
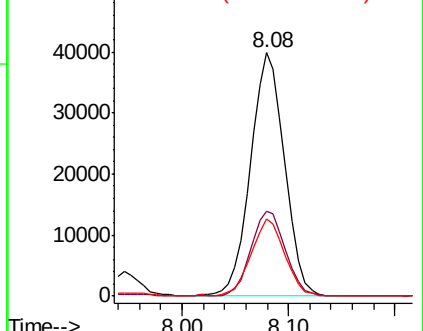
77 31.7 25.5 38.3

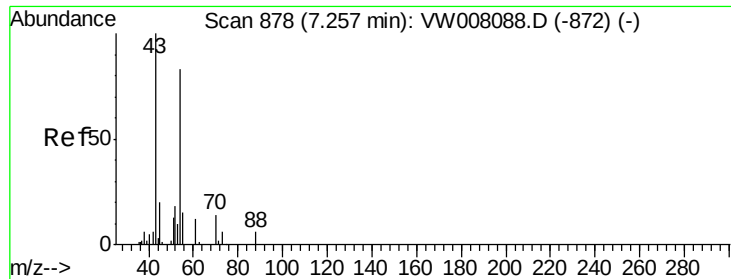


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

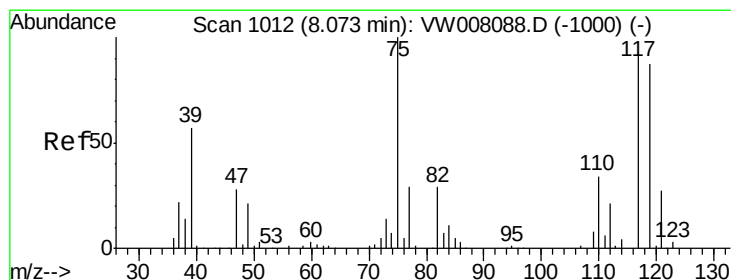
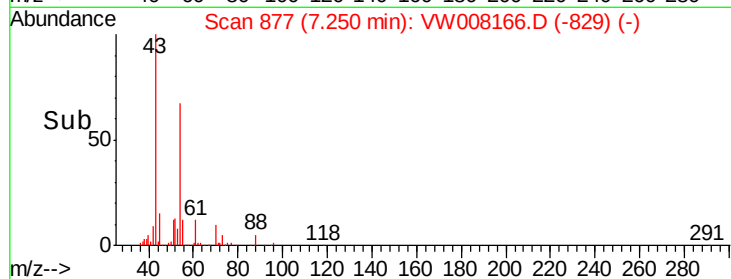
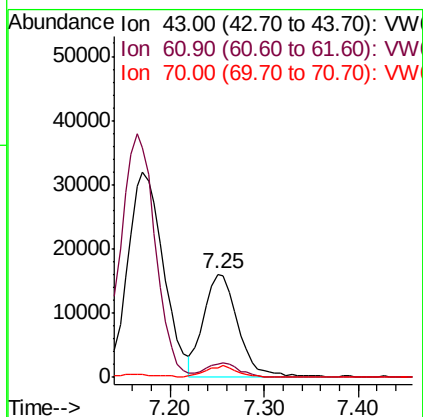
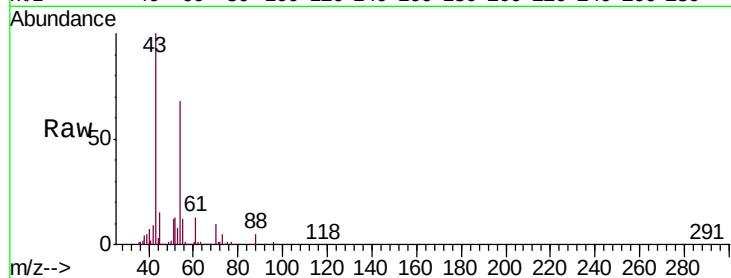




#37
 Ethyl Acetate
 Concen: 54.546 ug/l
 RT: 7.25 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

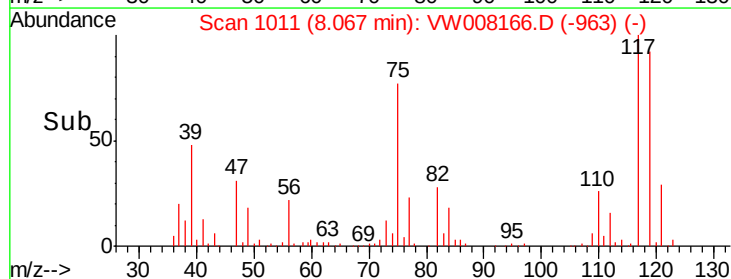
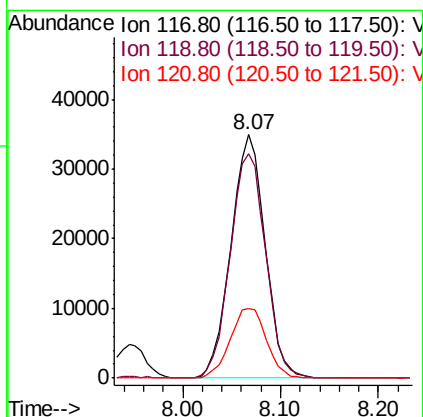
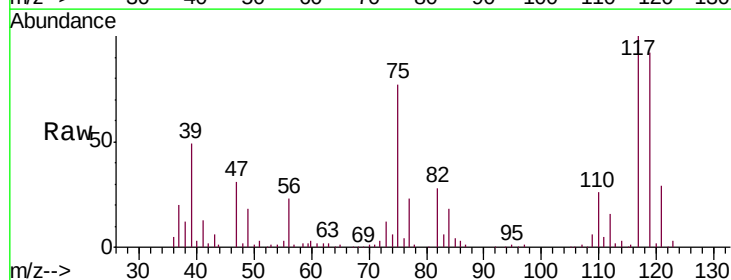
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

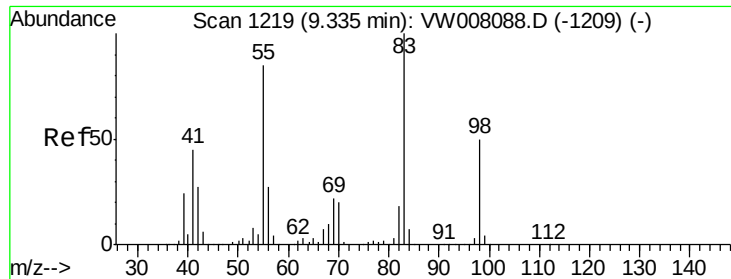
Tgt Ion:	43	Resp:	40231
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.6	16.0
70	10.6	8.9	13.3



#38
 Carbon Tetrachloride
 Concen: 50.178 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Tgt Ion:	117	Resp:	84552
Ion	Ratio	Lower	Upper
117	100		
119	92.1	75.8	113.8
121	28.7	23.7	35.5

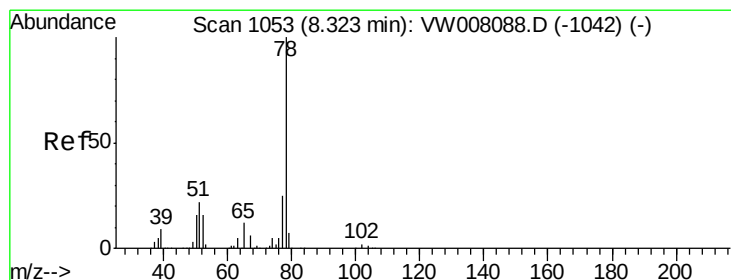
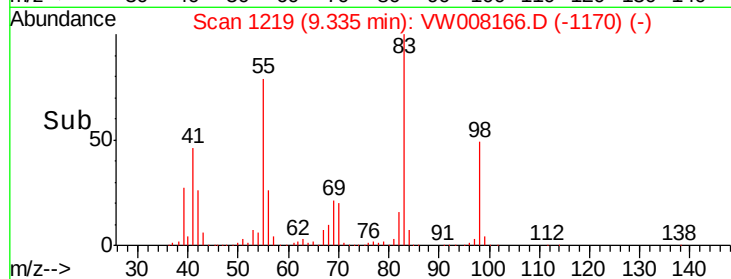
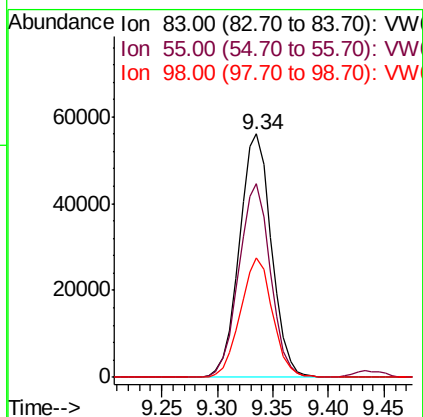
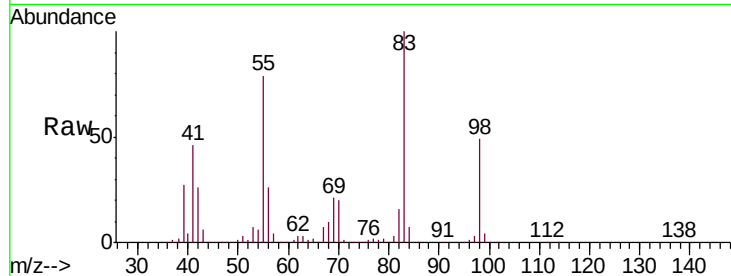




#39
Methylcyclohexane
Concen: 48.039 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

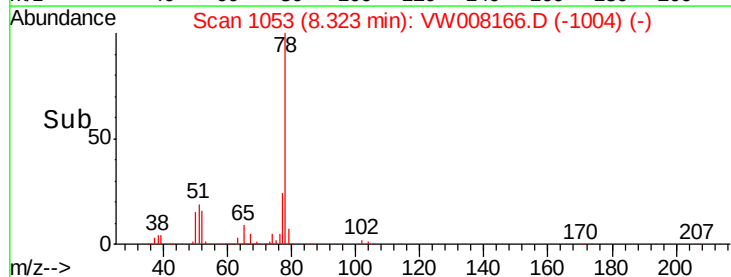
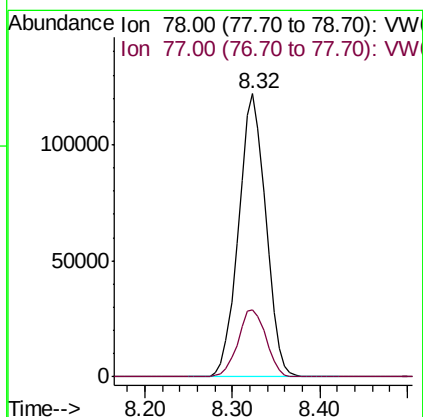
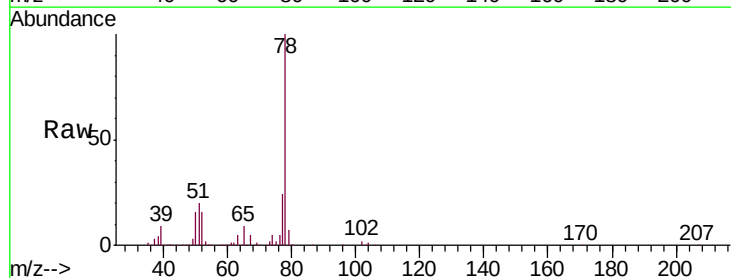
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

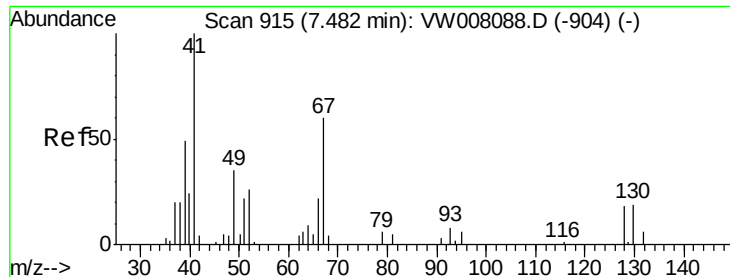
Tgt Ion: 83 Resp: 112140
Ion Ratio Lower Upper
83 100
55 79.3 67.8 101.6
98 49.1 40.2 60.4



#40
Benzene
Concen: 52.801 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion: 78 Resp: 263657
Ion Ratio Lower Upper
78 100
77 23.9 20.2 30.4

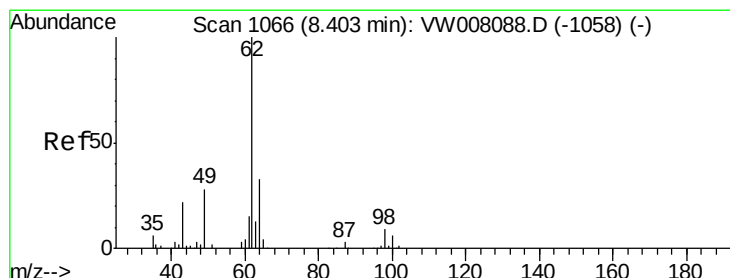
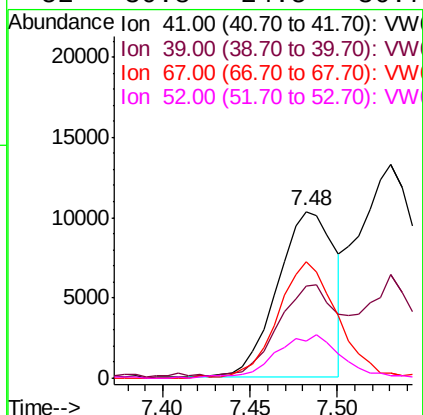
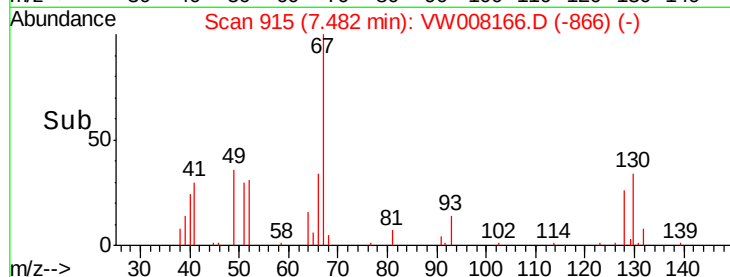
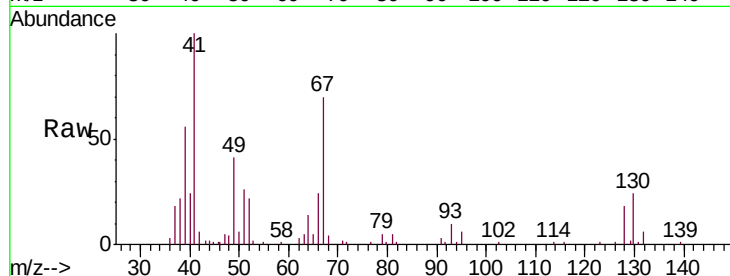




#41
Methacrylonitrile
Concen: 50.610 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

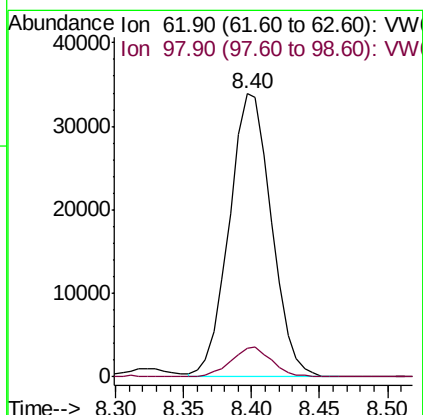
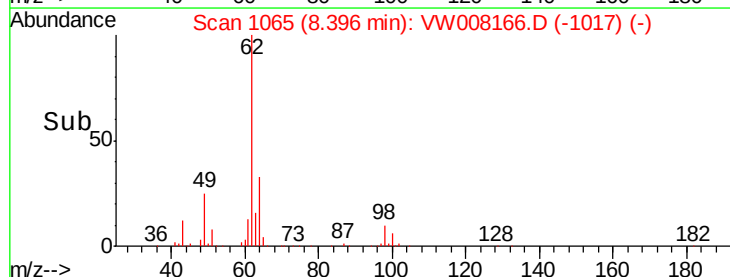
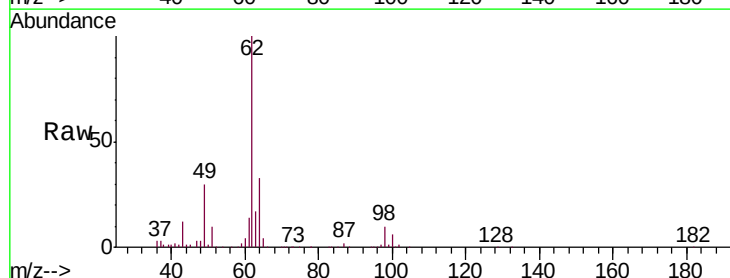
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

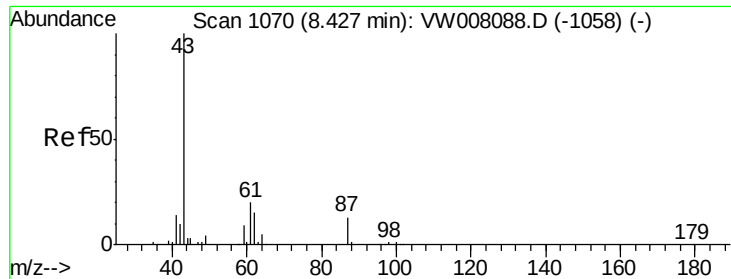
Tgt Ion:	41	Resp:	23580
Ion	Ratio	Lower	Upper
41	100		
39	59.7	47.9	71.9
67	74.5	56.3	84.5
52	30.8	24.5	36.7



#42
1,2-Dichloroethane
Concen: 52.308 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion:	62	Resp:	73462
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.6





#43

Isopropyl Acetate

Concen: 54.505 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

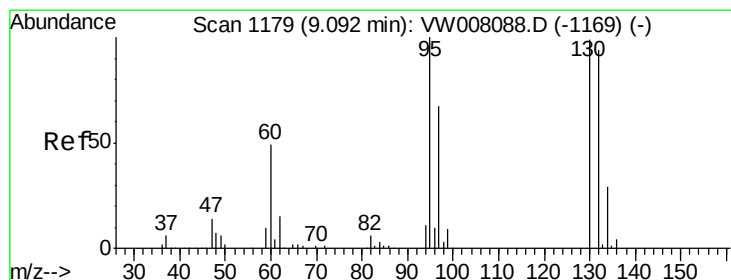
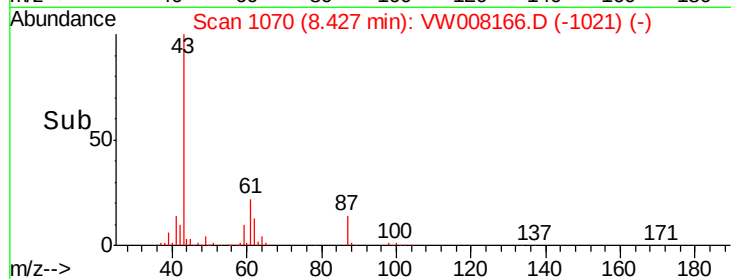
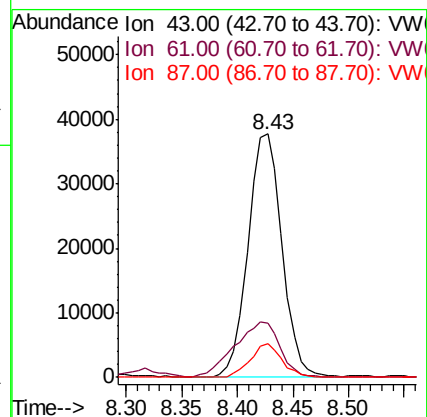
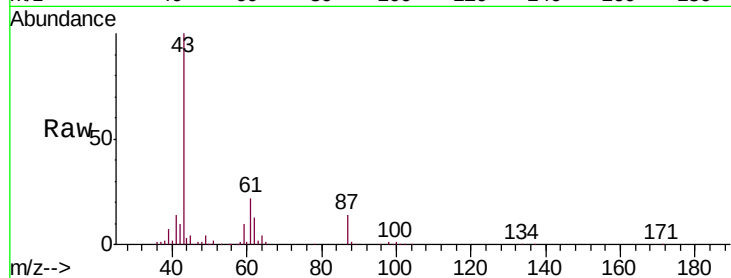
Tgt Ion: 43 Resp: 80377

Ion Ratio Lower Upper

43 100

61 30.2 24.8 37.2

87 12.9 10.4 15.6



#44

Trichloroethene

Concen: 51.201 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008166.D

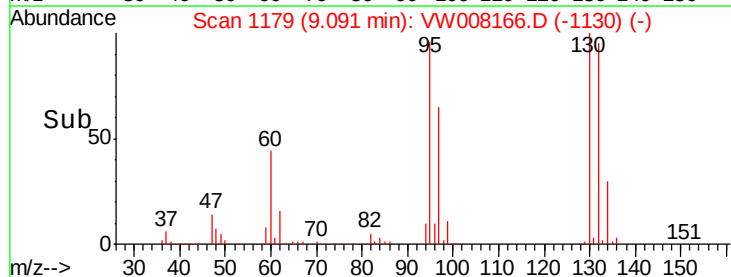
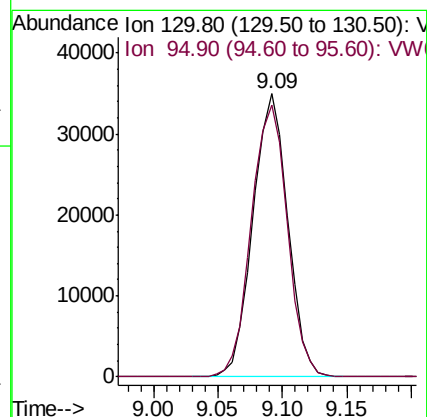
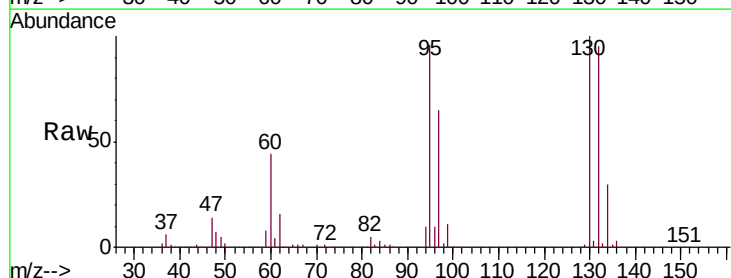
Acq: 10 Jan 2019 23:49

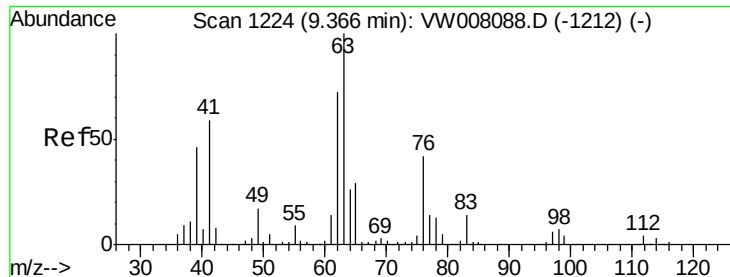
Tgt Ion: 130 Resp: 65447

Ion Ratio Lower Upper

130 100

95 95.8 0.0 202.8

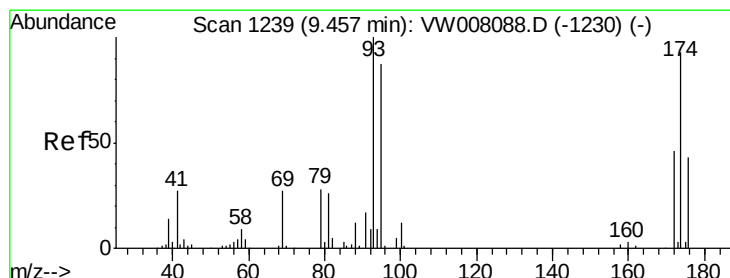
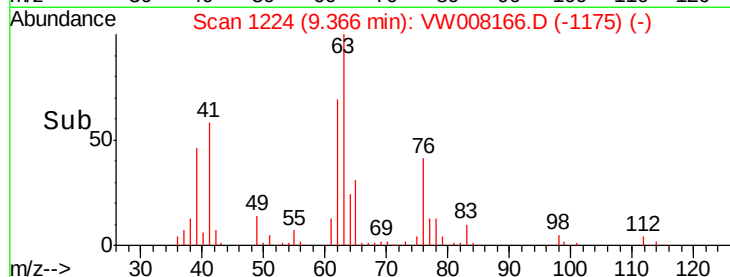
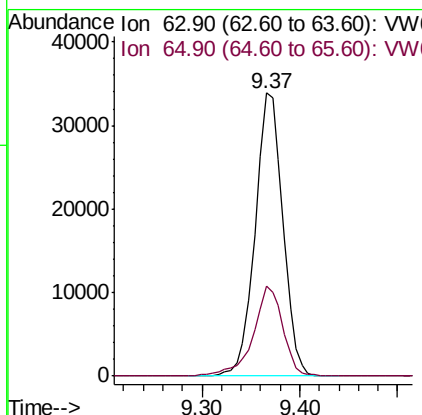
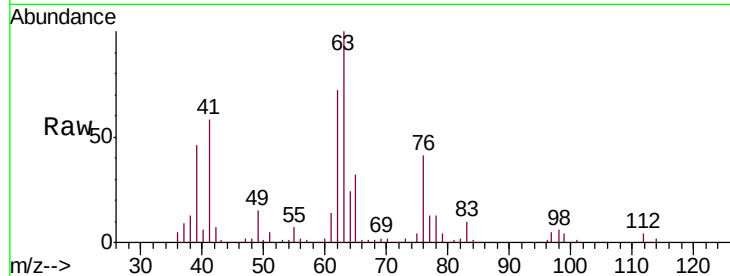




#45
 1,2-Dichloropropane
 Concen: 53.762 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

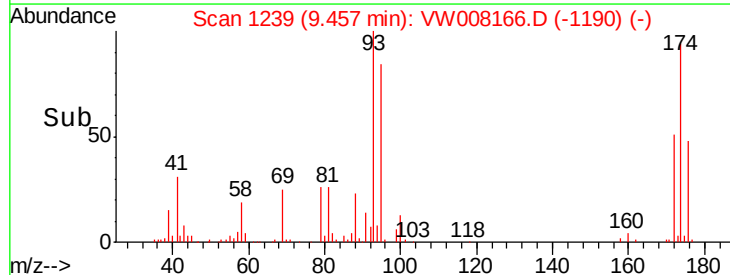
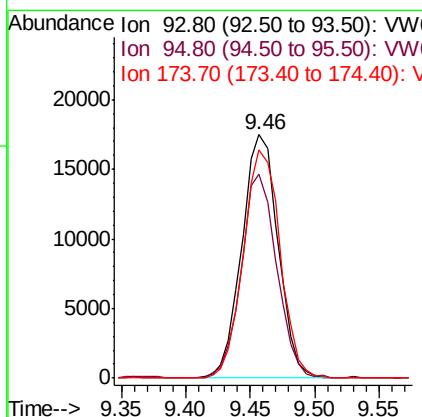
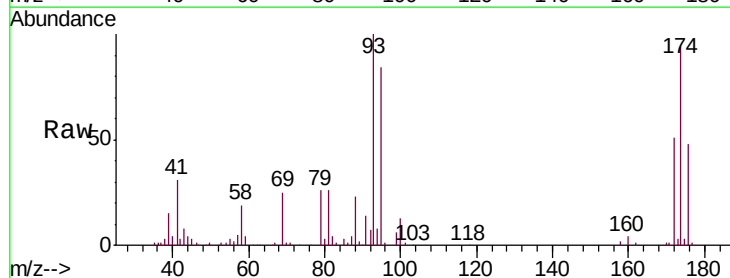
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

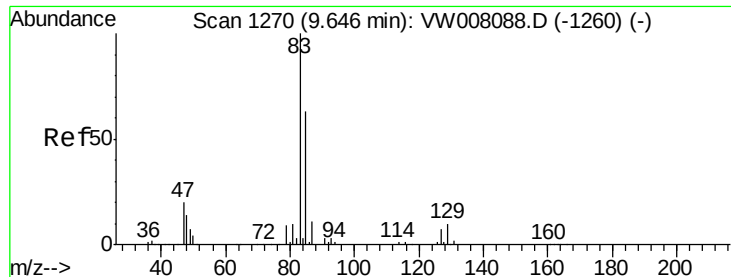
Tgt Ion: 63 Resp: 66565
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.3 34.9



#46
 Dibromomethane
 Concen: 56.164 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Tgt Ion: 93 Resp: 34151
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.5 101.3
 174 94.7 72.5 108.7





#47

Bromodichloromethane

Concen: 55.272 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

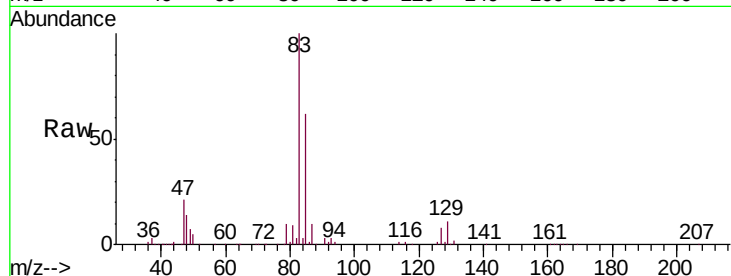
Tgt Ion: 83 Resp: 85338

Ion Ratio Lower Upper

83 100

85 62.3 50.7 76.1

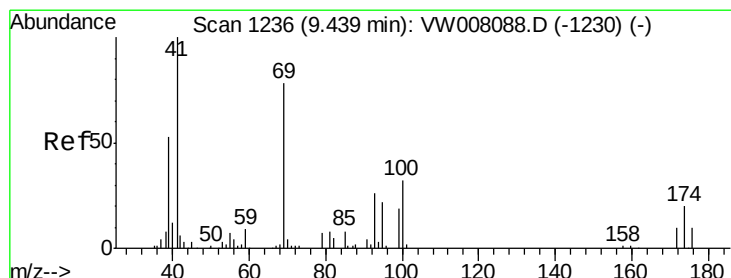
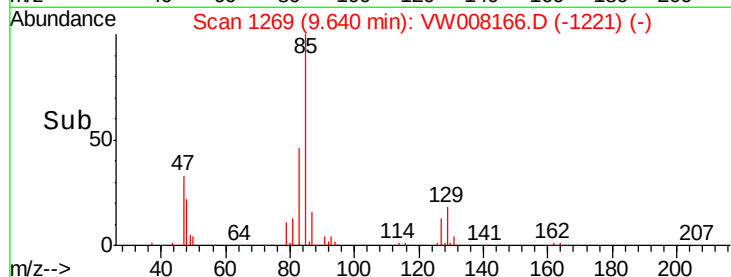
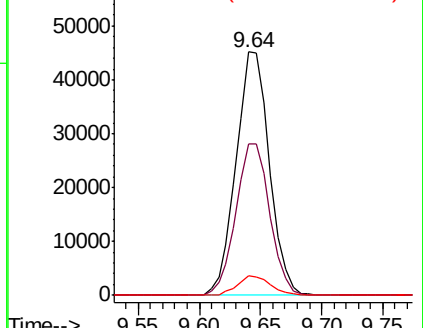
127 7.9 6.0 9.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 56.951 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

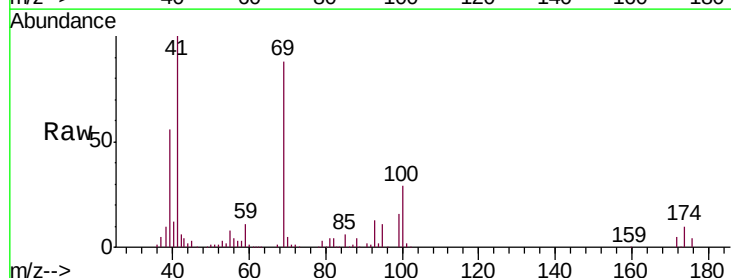
Tgt Ion: 41 Resp: 39629

Ion Ratio Lower Upper

41 100

69 83.0 61.9 92.9

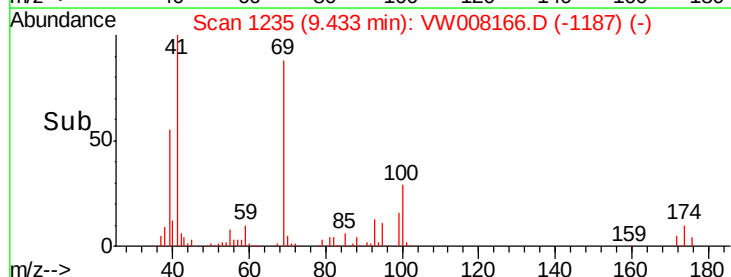
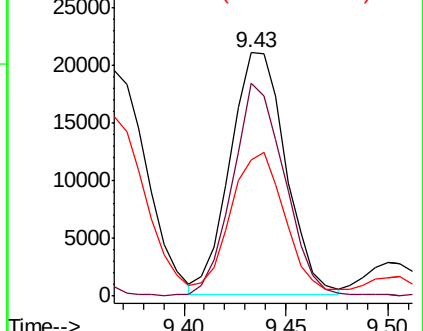
39 57.7 43.0 64.4

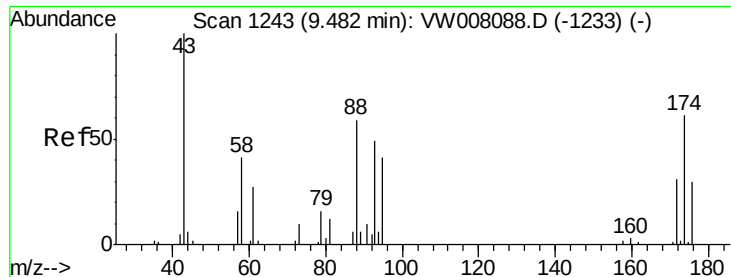


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

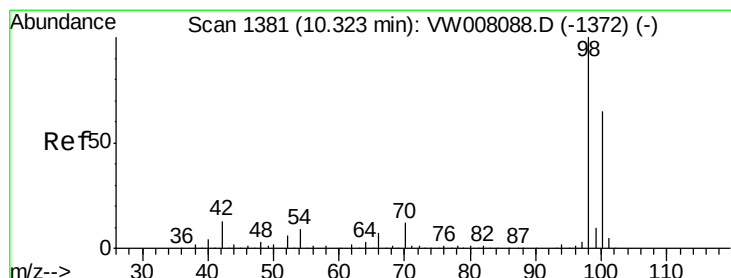
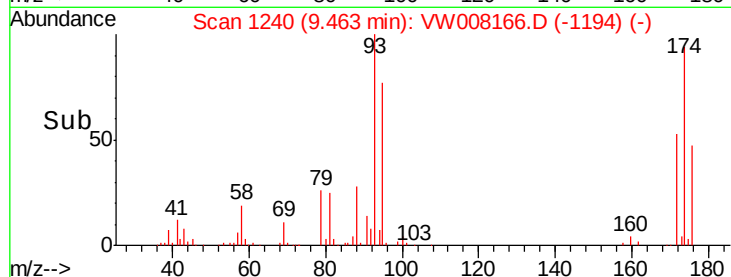
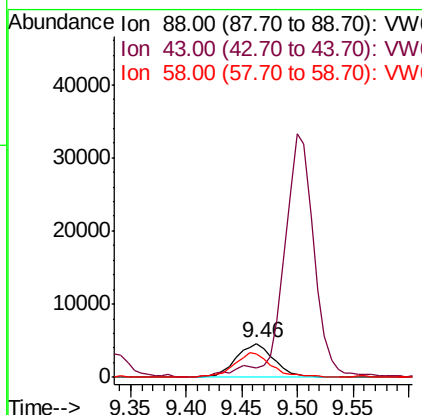
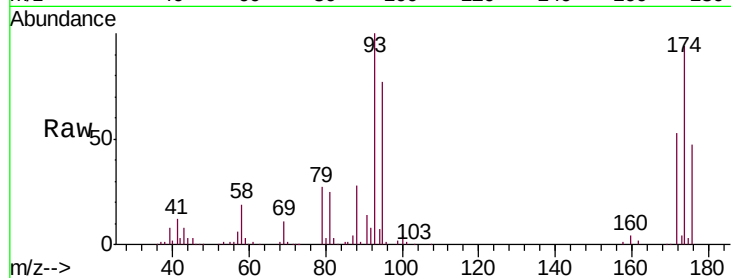




#49
1,4-Dioxane
Concen: 1111.604 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

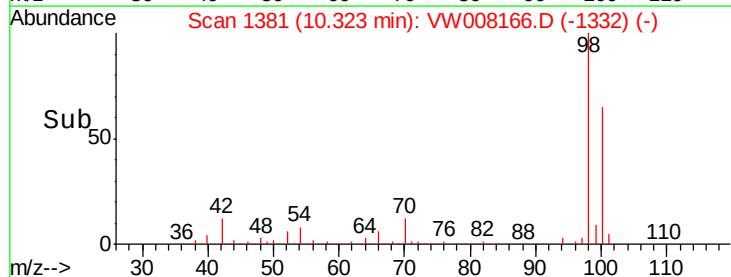
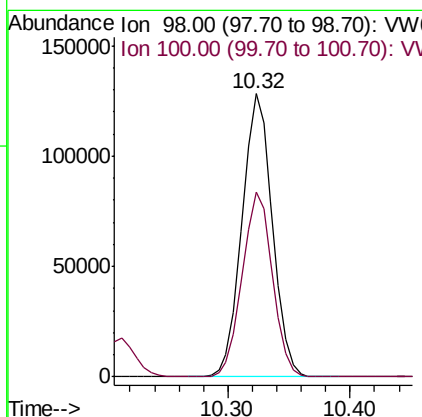
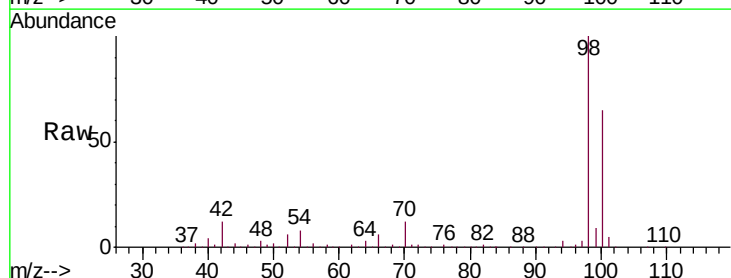
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

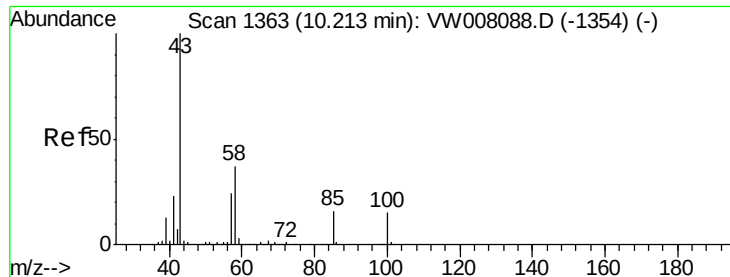
Tgt Ion: 88 Resp: 10870
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 72.1 61.7 92.5



#50
Toluene-d8
Concen: 50.372 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion: 98 Resp: 220336
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 277.422 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

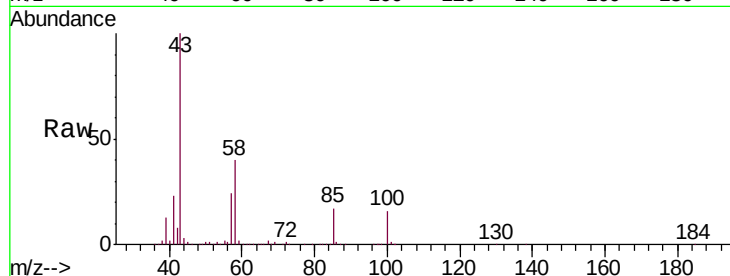
VSTDCCC050

Tgt Ion: 43 Resp: 198031

Ion Ratio Lower Upper

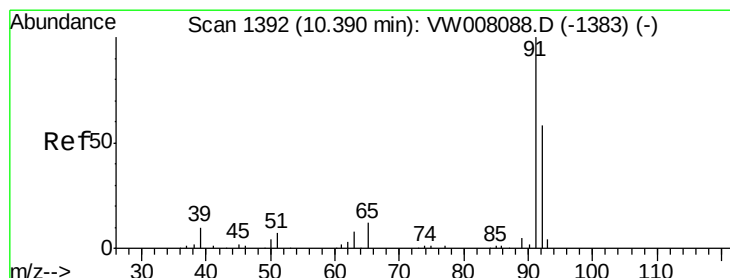
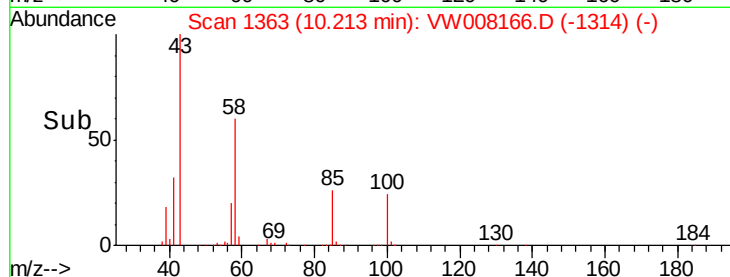
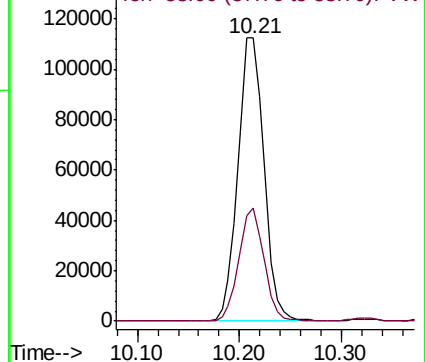
43 100

58 38.3 30.6 46.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 52.560 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008166.D

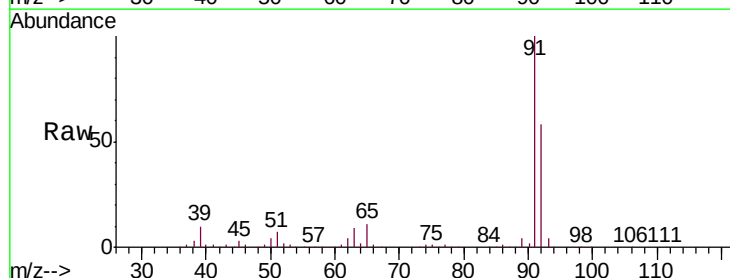
Acq: 10 Jan 2019 23:49

Tgt Ion: 92 Resp: 167612

Ion Ratio Lower Upper

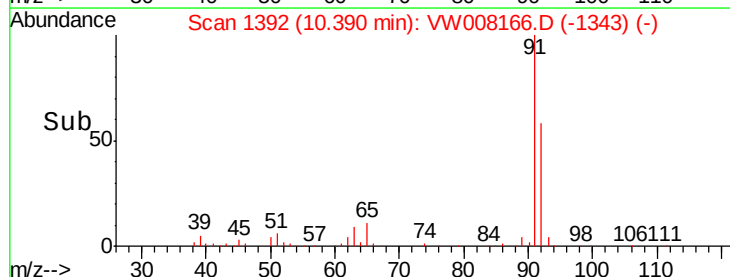
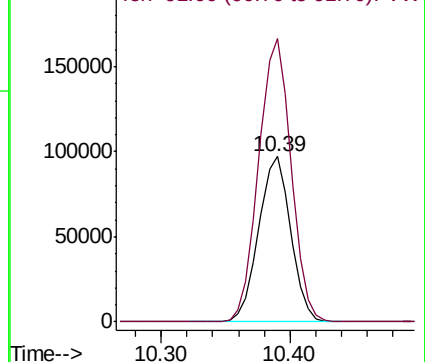
92 100

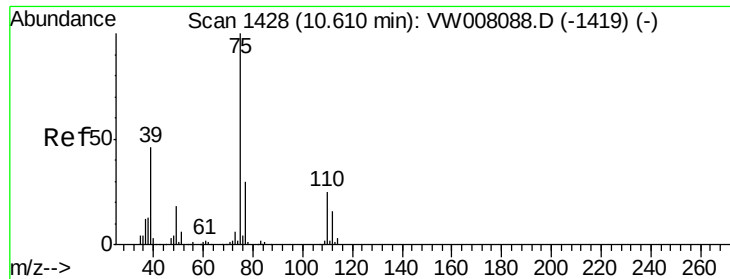
91 173.0 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 52.946 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampled :

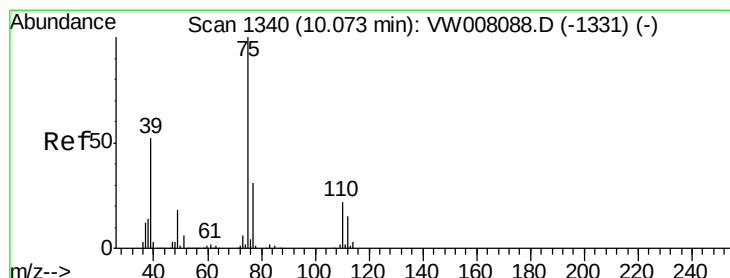
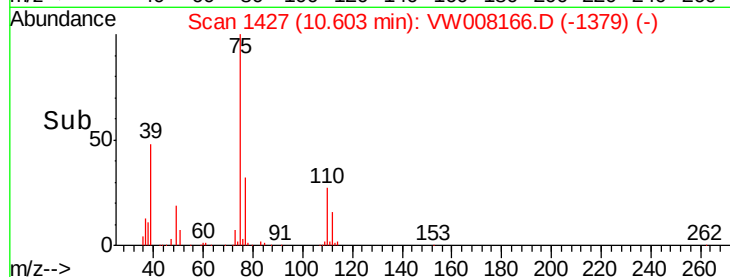
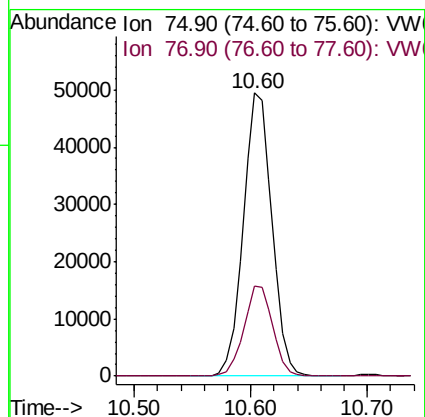
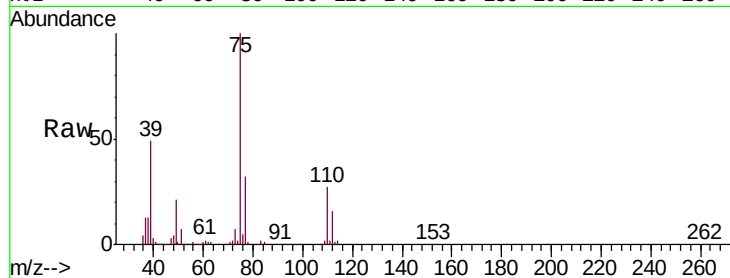
VSTDCCC050

Tgt Ion: 75 Resp: 85032

Ion Ratio Lower Upper

75 100

77 31.9 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 52.798 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

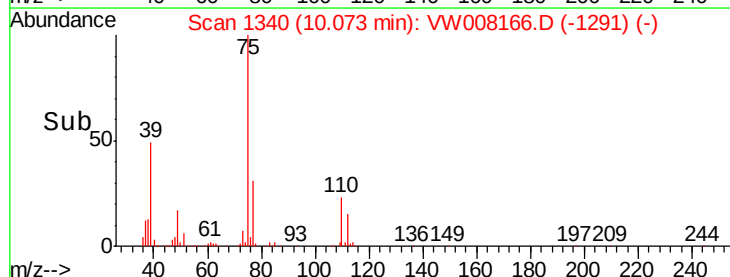
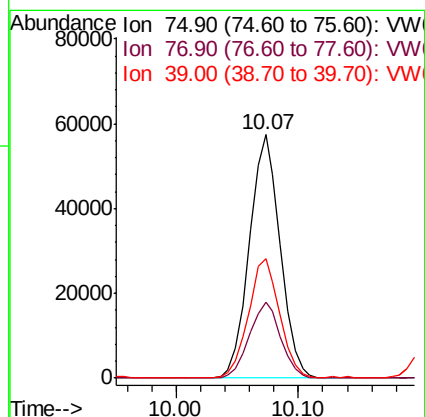
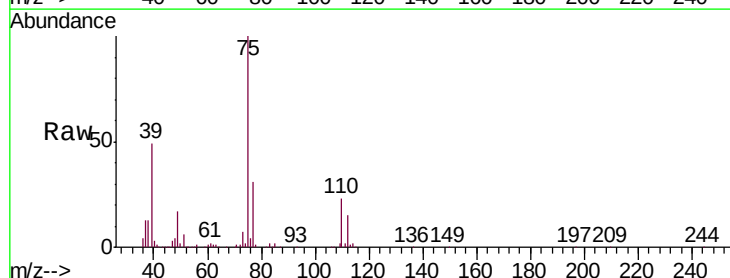
Tgt Ion: 75 Resp: 100550

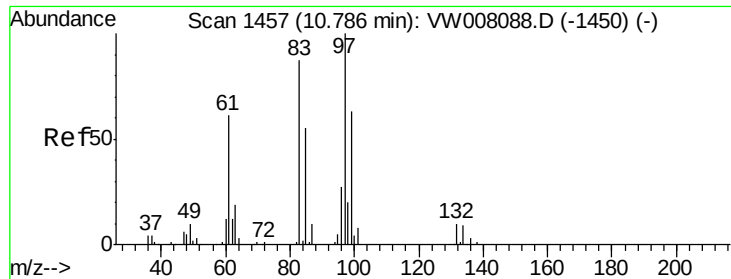
Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

39 48.6 41.4 62.0

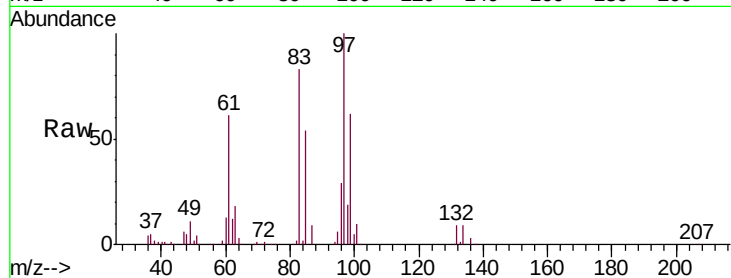




#55
 1,1,2-Trichloroethane
 Concen: 56.667 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	48377
Ion	Ratio	Lower	Upper
97	100		
83	82.3	69.3	103.9
85	54.1	43.8	65.6
99	61.4	50.0	75.0



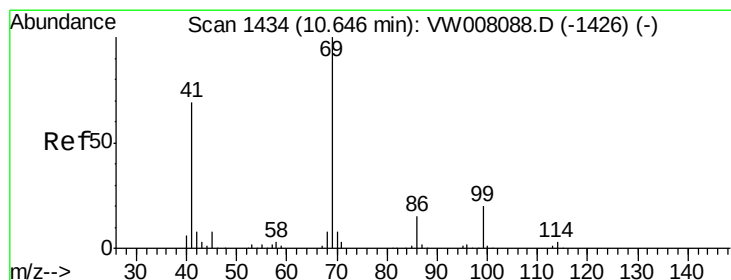
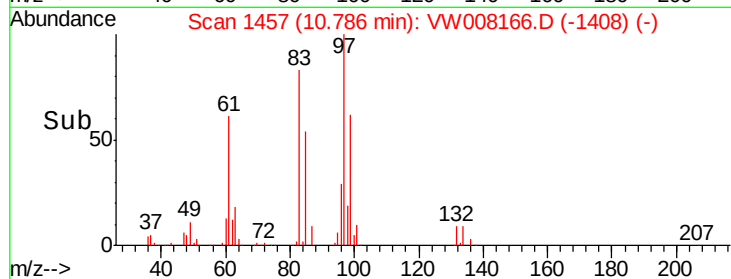
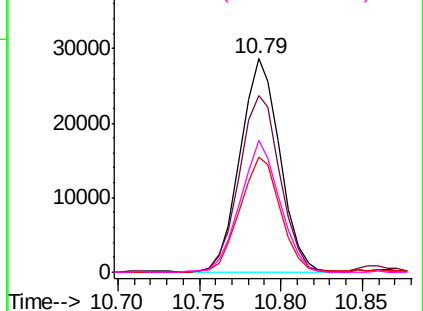
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

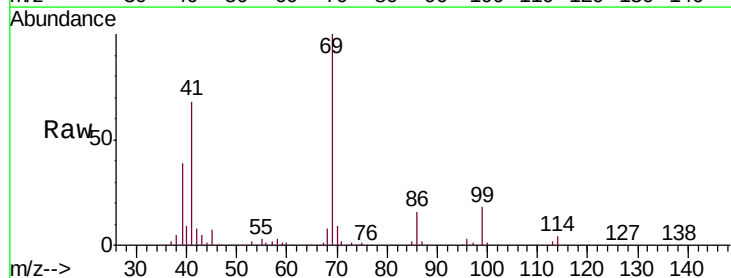
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 58.261 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Tgt Ion:	69	Resp:	61596
Ion	Ratio	Lower	Upper
69	100		
41	68.5	56.4	84.6
39	34.4	28.1	42.1

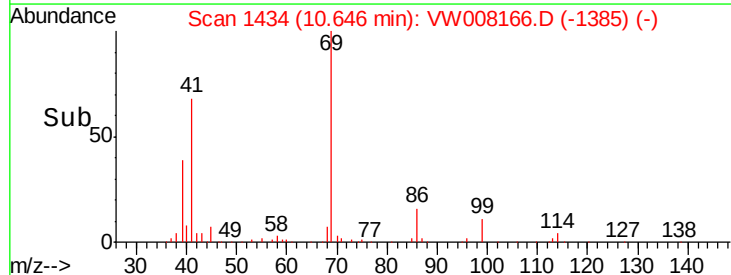
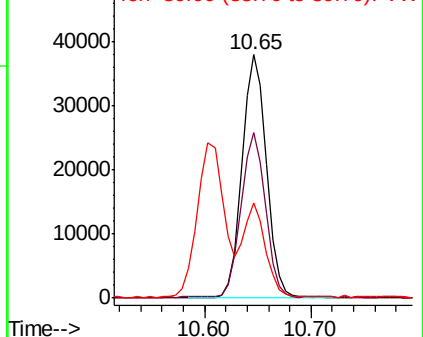


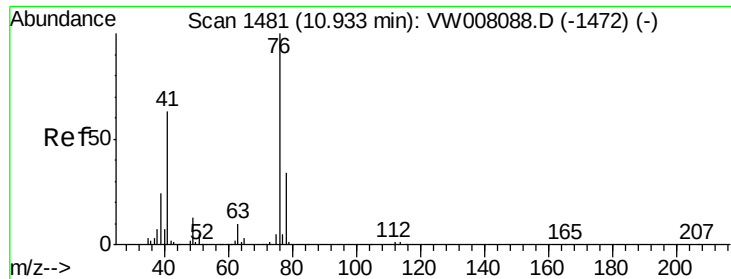
Abundance

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

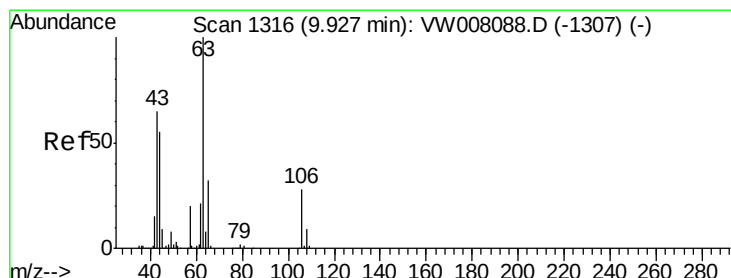
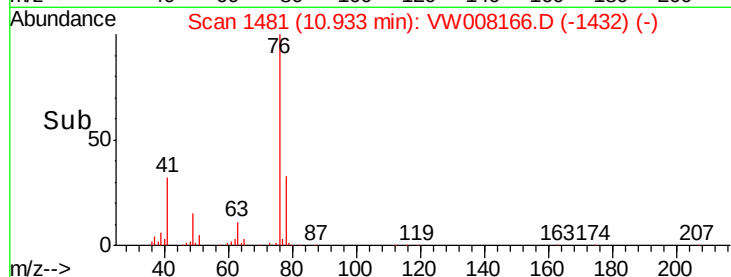
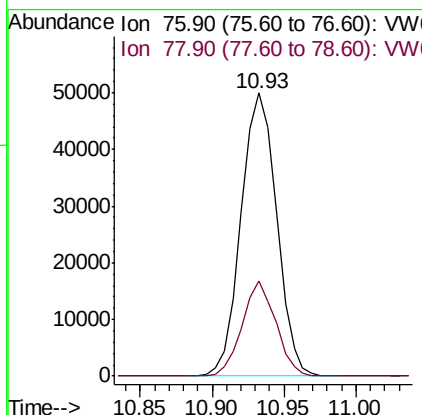
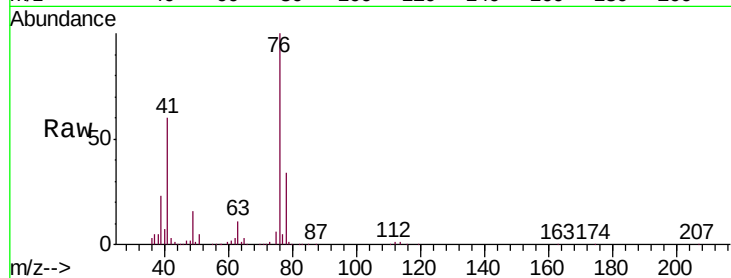




#57
 1,3-Dichloropropane
 Concen: 54.918 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

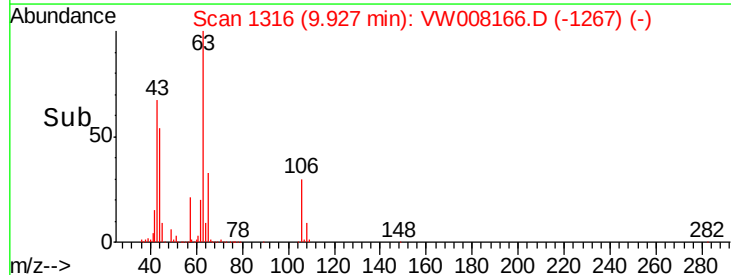
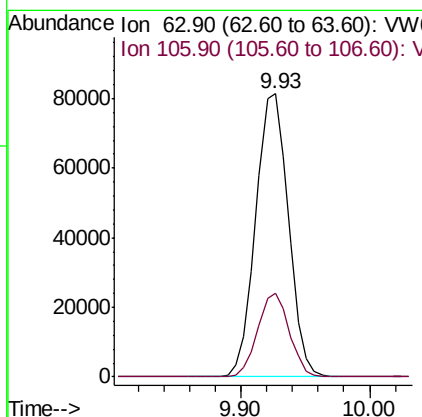
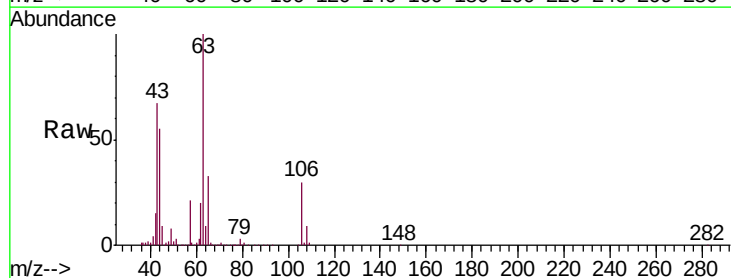
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

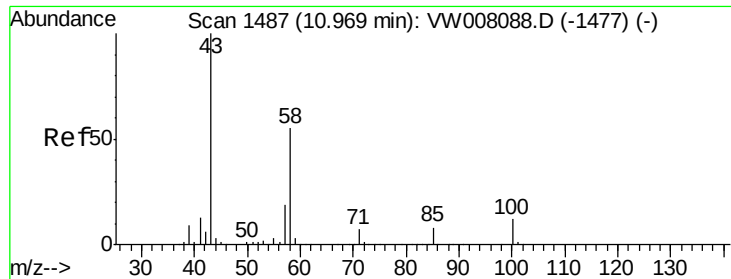
Tgt Ion: 76 Resp: 85745
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.310 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Tgt Ion: 63 Resp: 142707
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.6

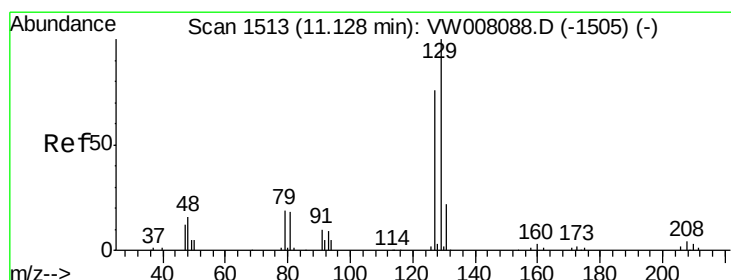
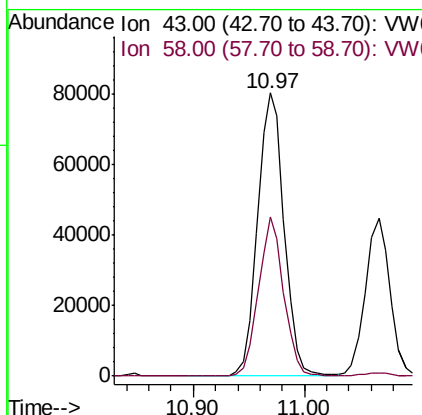
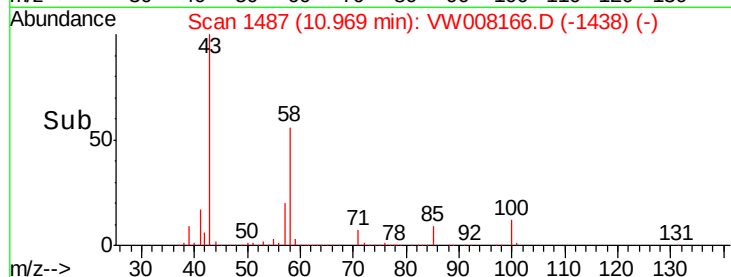
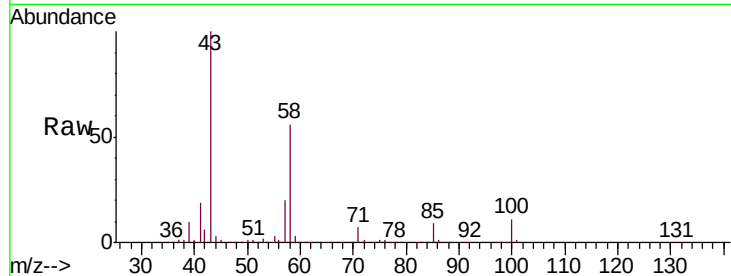




#59
2-Hexanone
Concen: 276.301 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

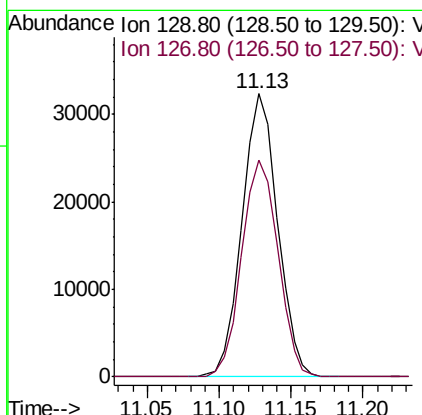
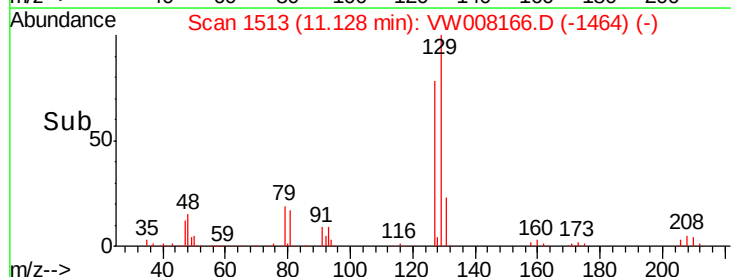
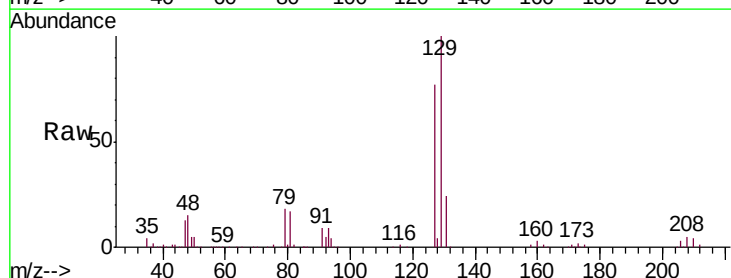
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

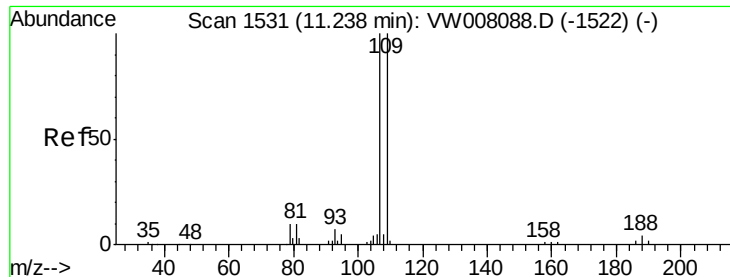
Tgt Ion: 43 Resp: 133377
Ion Ratio Lower Upper
43 100
58 53.3 27.2 81.5



#60
Dibromochloromethane
Concen: 58.996 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion: 129 Resp: 55307
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 57.697 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

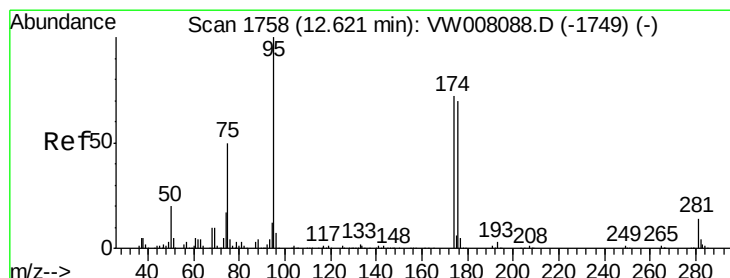
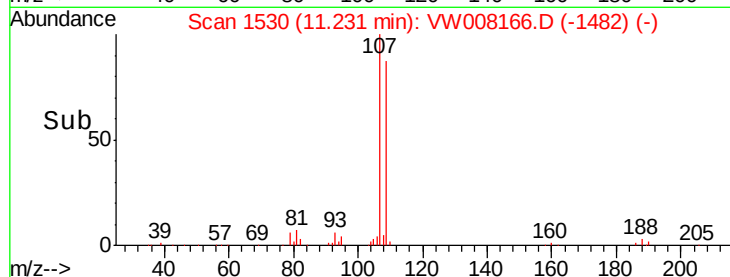
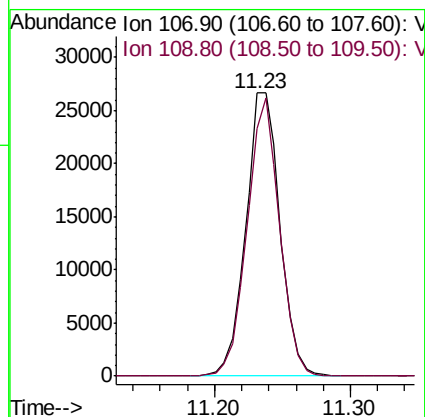
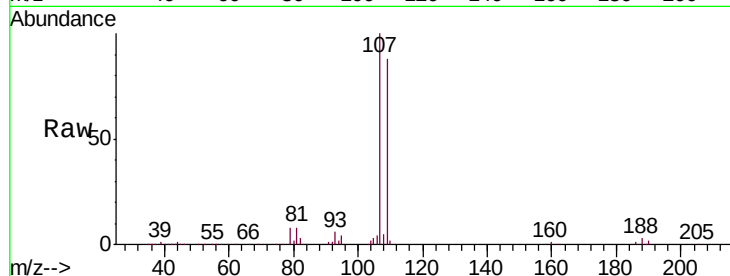
VSTDCCC050

Tgt Ion: 107 Resp: 46738

Ion Ratio Lower Upper

107 100

109 93.1 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 48.441 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

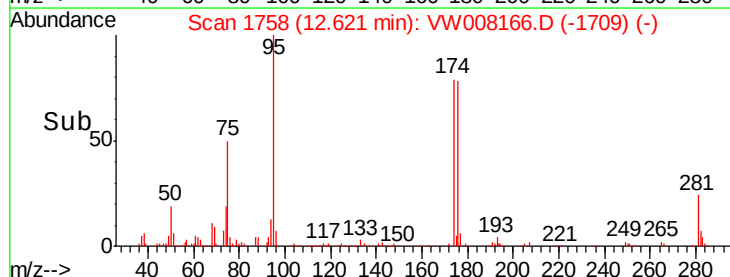
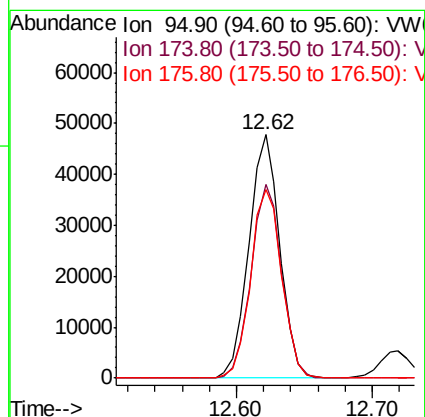
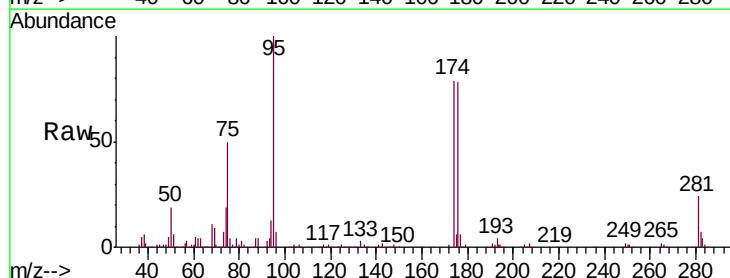
Tgt Ion: 95 Resp: 75963

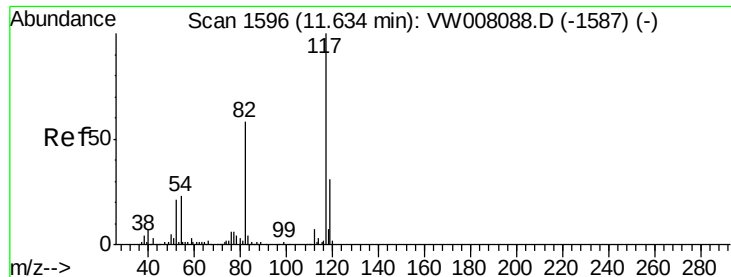
Ion Ratio Lower Upper

95 100

174 79.0 0.0 143.0

176 78.3 0.0 140.2

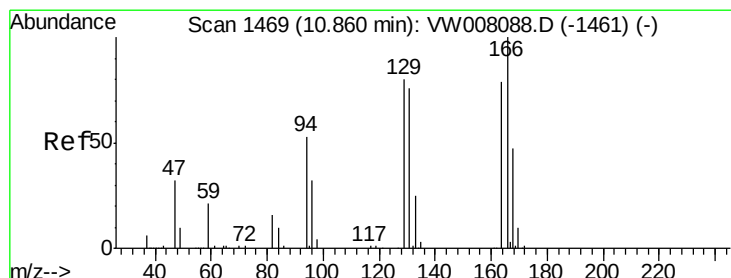
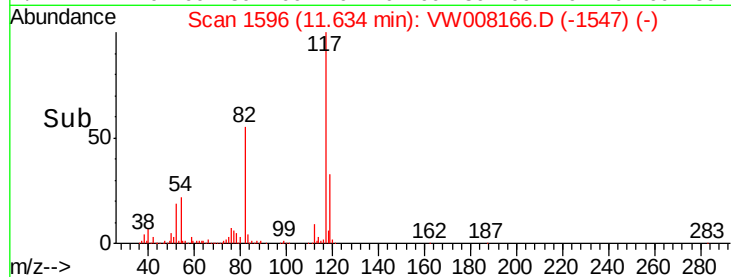
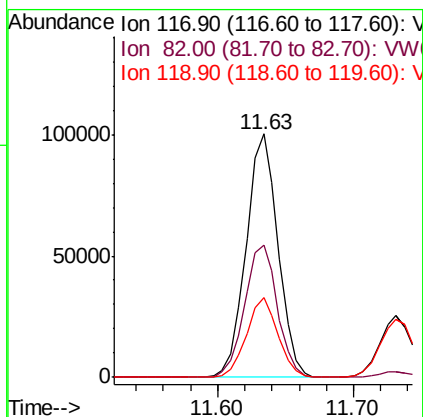
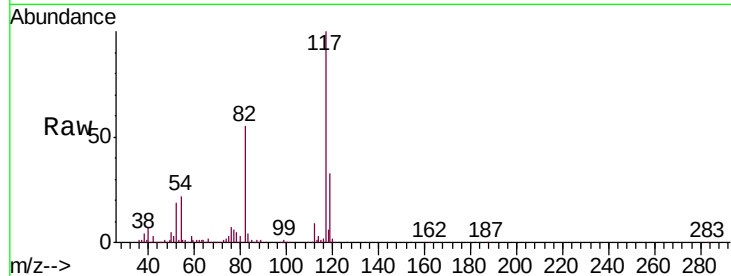




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

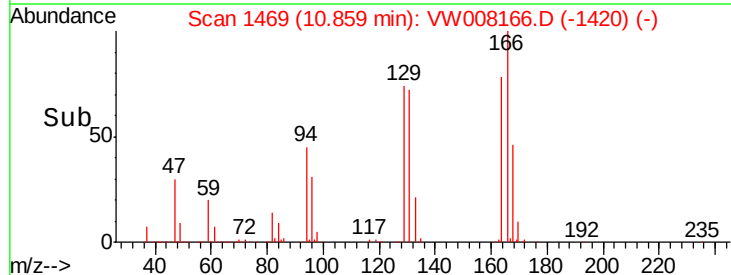
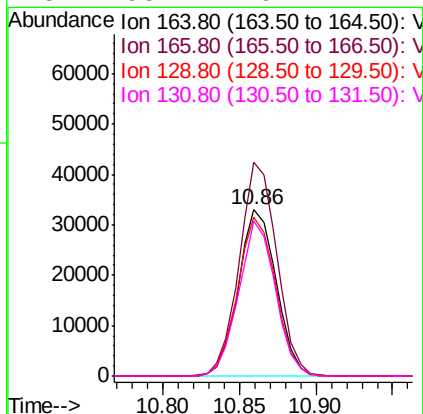
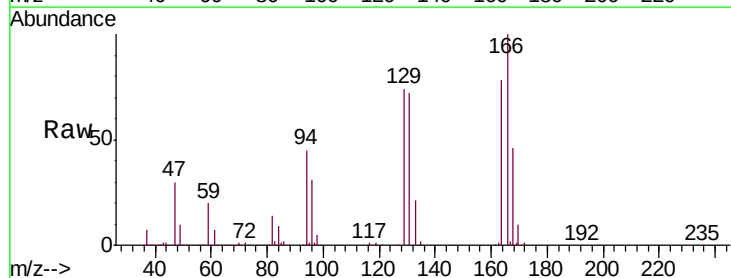
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

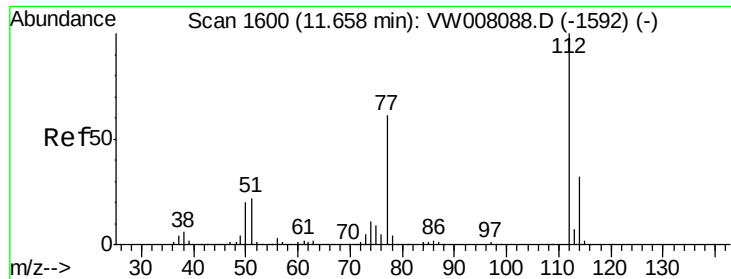
Tgt Ion:117 Resp: 164835
Ion Ratio Lower Upper
117 100
82 54.6 46.4 69.6
119 32.5 24.7 37.1



#64
Tetrachloroethene
Concen: 52.961 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion:164 Resp: 56813
Ion Ratio Lower Upper
164 100
166 128.6 100.7 151.1
129 95.7 81.0 121.4
131 93.1 76.1 114.1

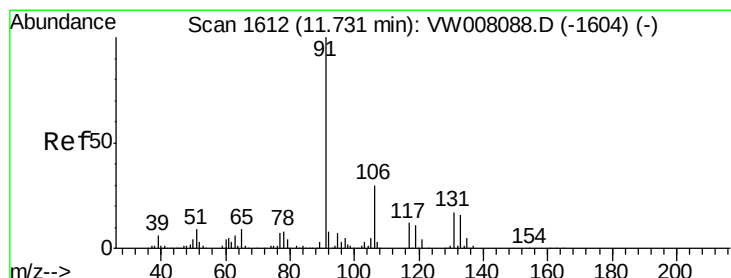
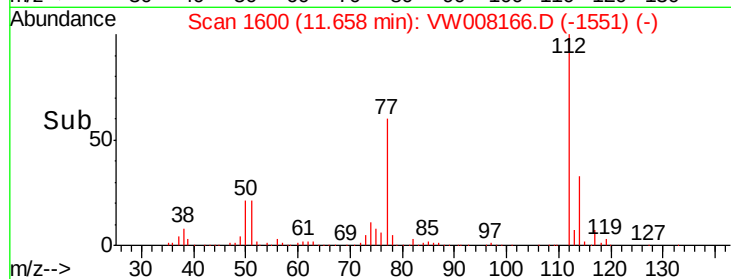
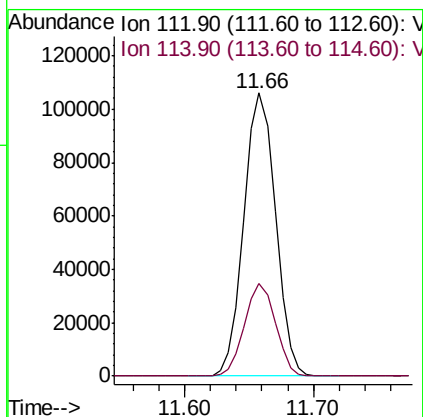
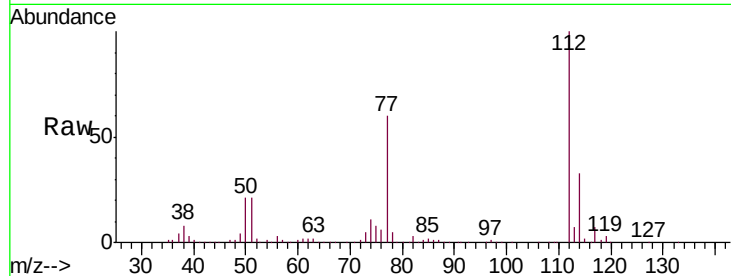




#65
Chlorobenzene
Concen: 51.596 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

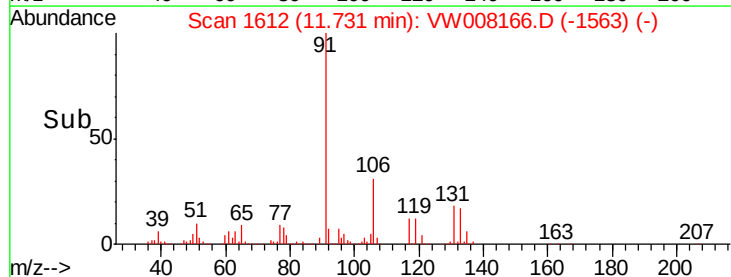
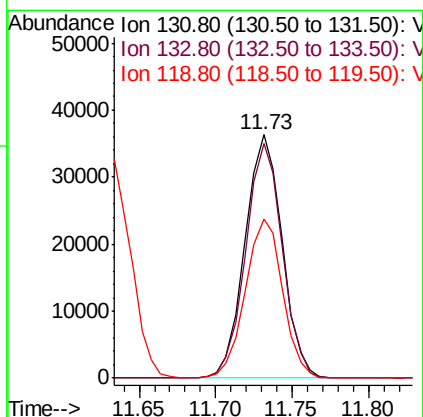
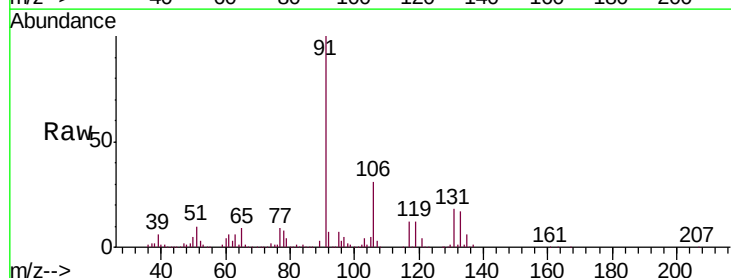
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

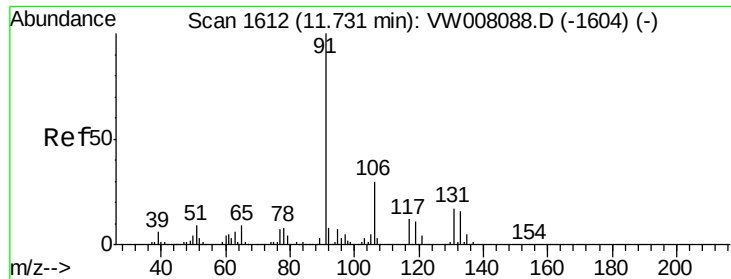
Tgt Ion:112 Resp: 180180
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 54.142 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion:131 Resp: 61496
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.7
119 65.7 32.5 97.4

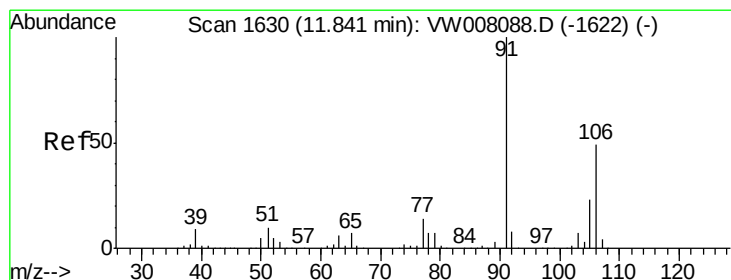
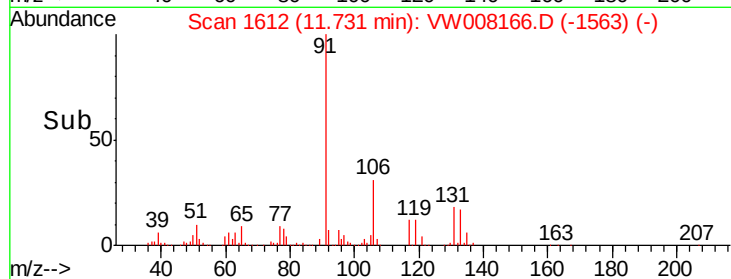
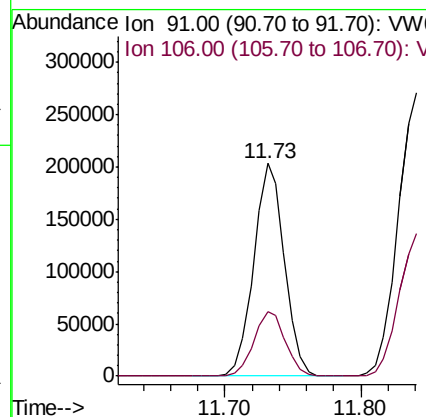
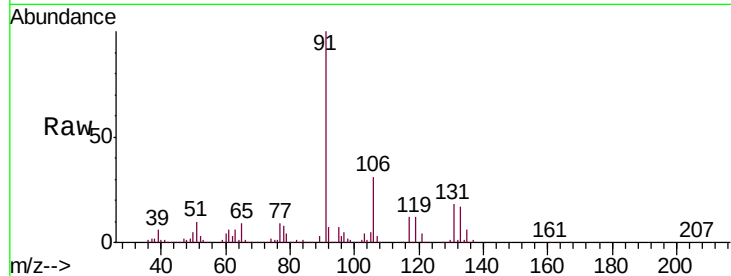




#67
Ethyl Benzene
Concen: 50.142 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

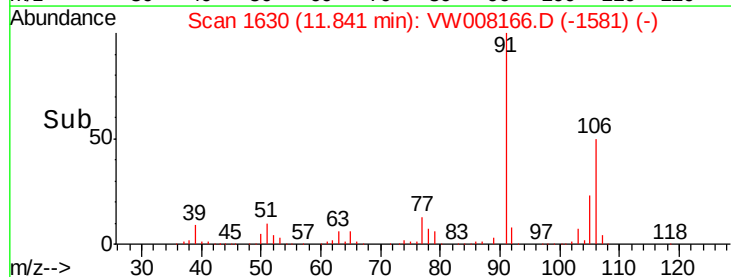
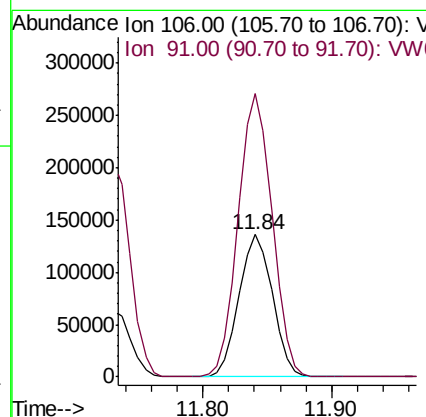
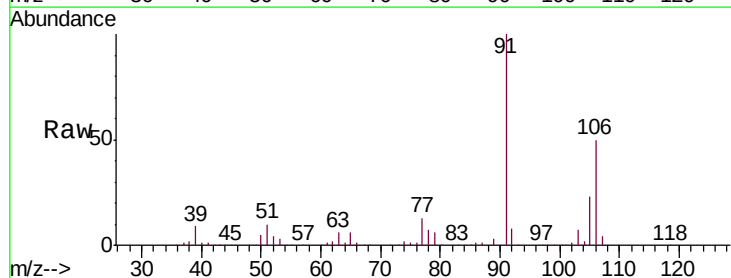
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

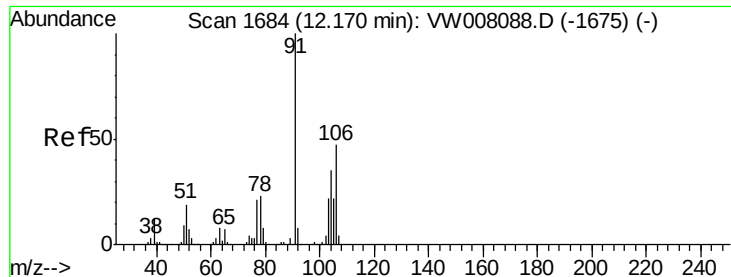
Tgt Ion: 91 Resp: 320393
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4



#68
m/p-Xylenes
Concen: 101.086 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion: 106 Resp: 246534
Ion Ratio Lower Upper
106 100
91 201.1 162.4 243.6

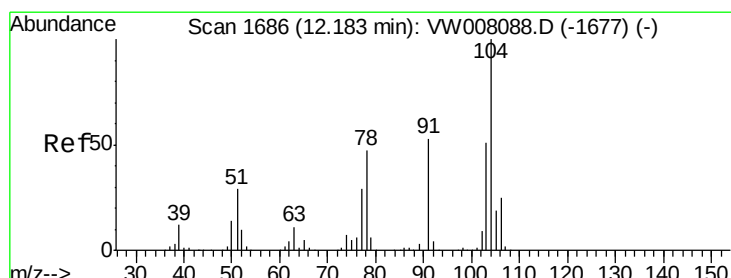
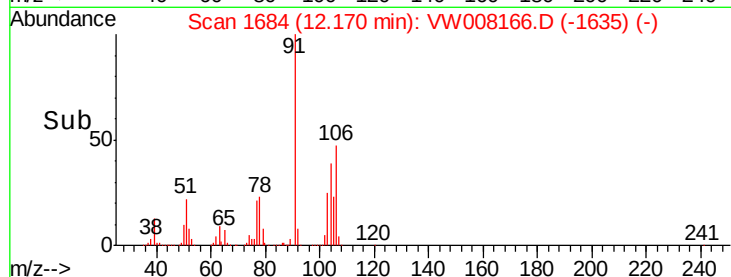
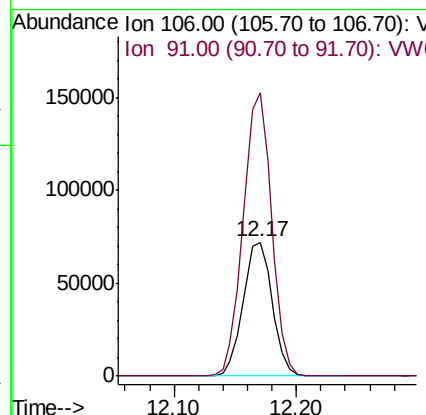
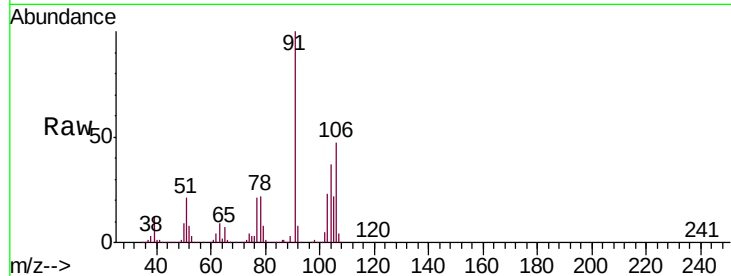




#69
o-Xylene
Concen: 52.728 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

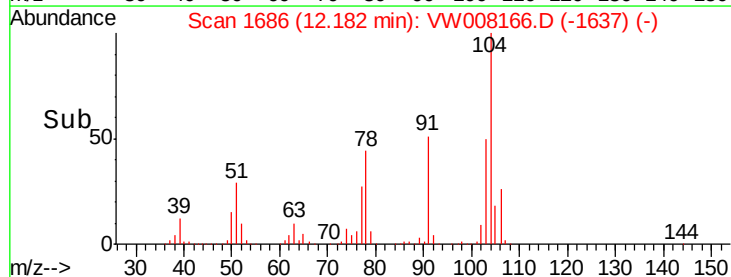
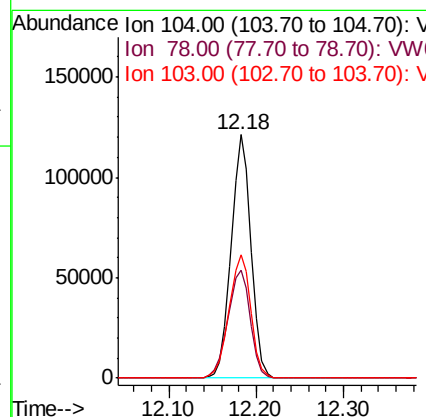
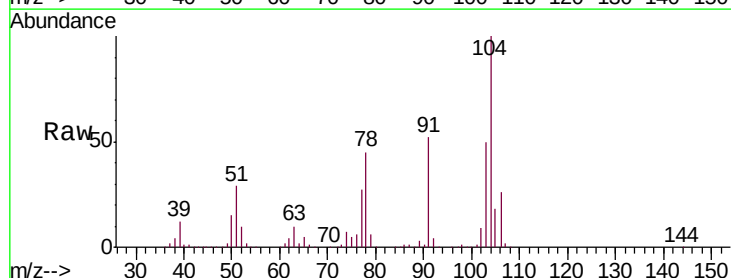
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

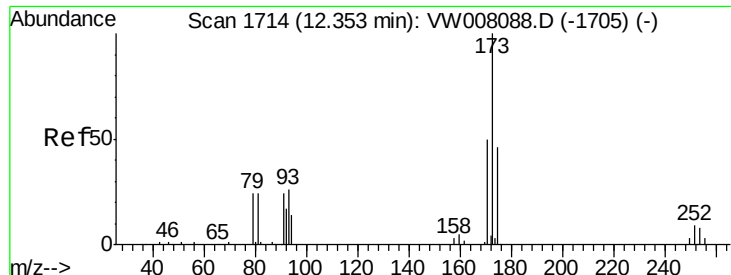
Tgt Ion:106 Resp: 119085
Ion Ratio Lower Upper
106 100
91 206.4 107.8 323.6



#70
Styrene
Concen: 53.910 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion:104 Resp: 190708
Ion Ratio Lower Upper
104 100
78 50.2 41.8 62.8
103 55.4 43.8 65.8





#71

Bromoform

Concen: 59.322 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

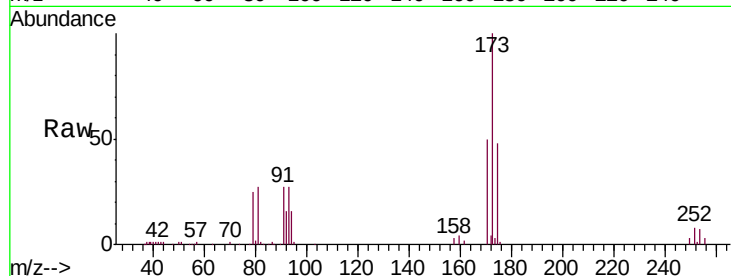
Tgt Ion:173 Resp: 30156

Ion Ratio Lower Upper

173 100

175 48.2 23.3 69.8

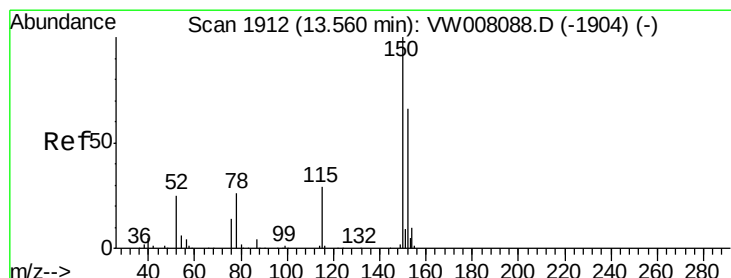
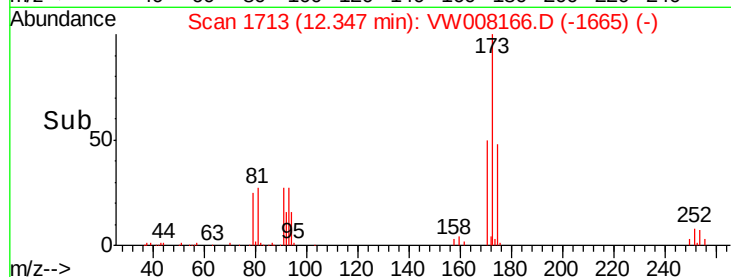
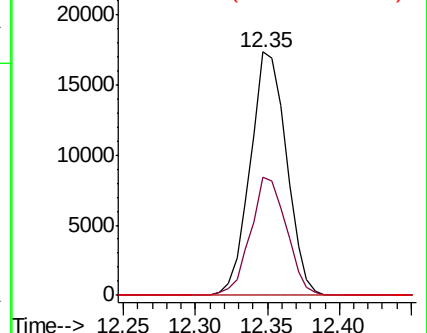
254 0.0 0.0 0.0



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: VW008166.D

Acq: 10 Jan 2019 23:49

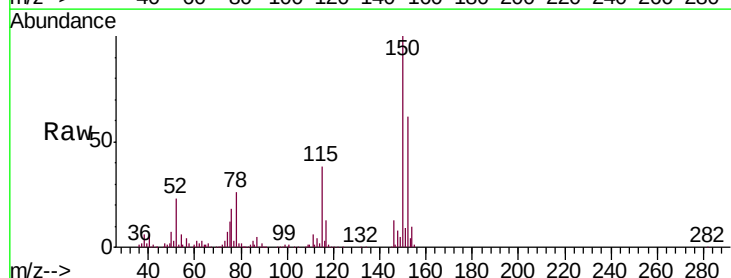
Tgt Ion:152 Resp: 80294

Ion Ratio Lower Upper

152 100

115 58.4 30.8 92.4

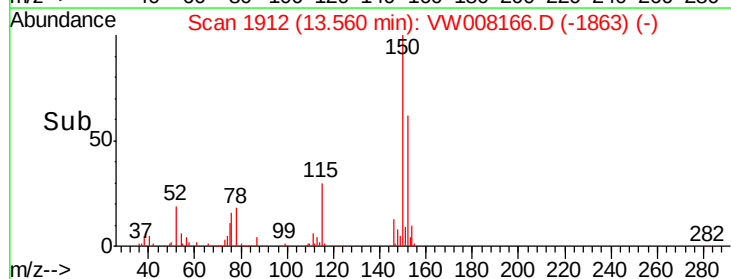
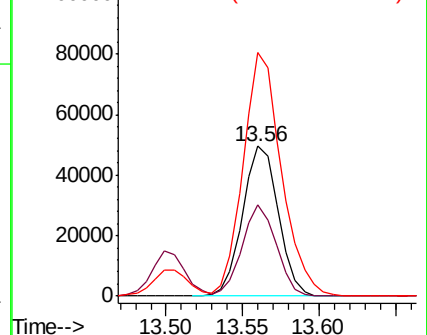
150 173.7 0.0 350.2

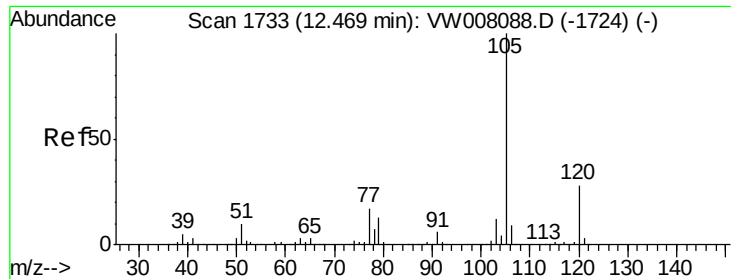


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.677 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

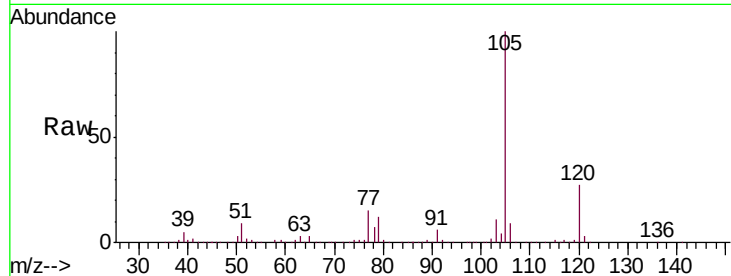
VSTDCCC050

Tgt Ion: 105 Resp: 313154

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

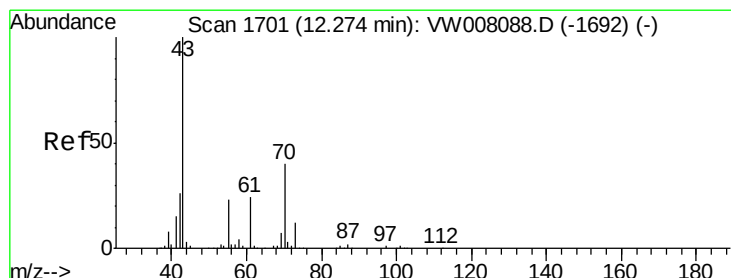
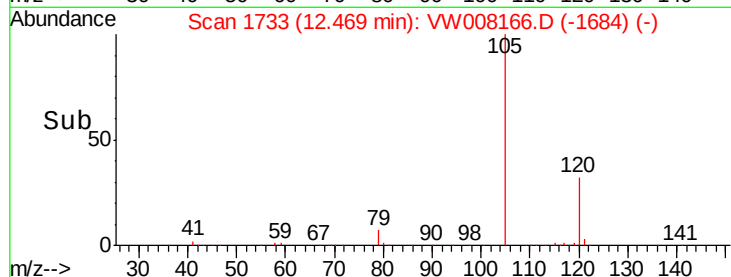
100000

50000

0

12.40 12.45 12.50

Time-->



#74

N-ethyl acetate

Concen: 53.083 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Tgt Ion: 43 Resp: 74105

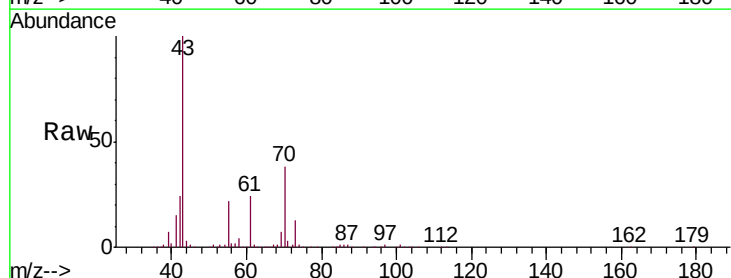
Ion Ratio Lower Upper

43 100

70 41.0 32.4 48.6

55 23.3 18.7 28.1

61 23.7 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

80000

60000

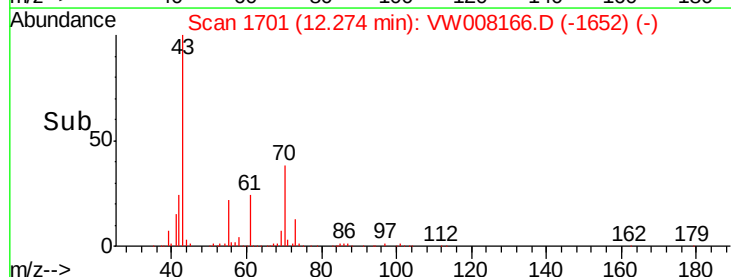
40000

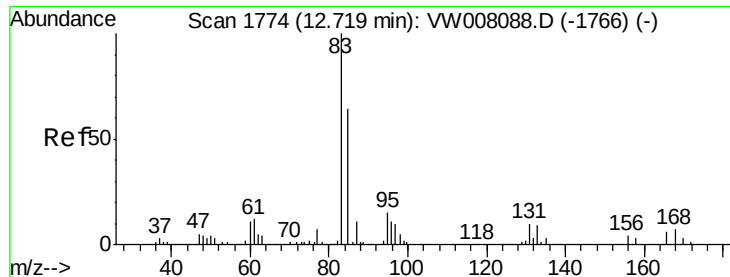
20000

0

12.20 12.25 12.30 12.35 12.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.440 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

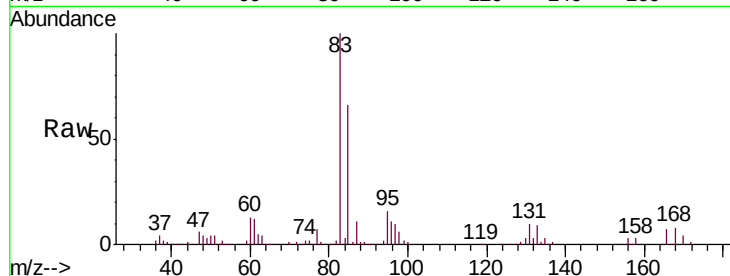
Tgt Ion: 83 Resp: 54931

Ion Ratio Lower Upper

83 100

131 10.2 5.3 16.1

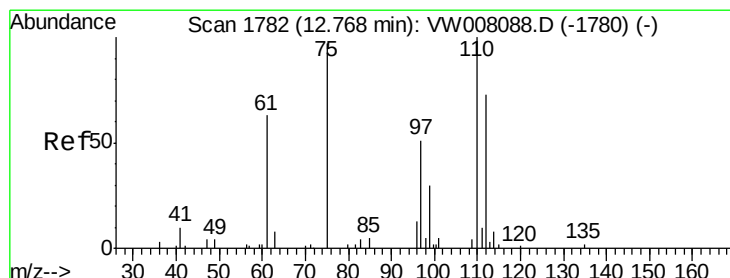
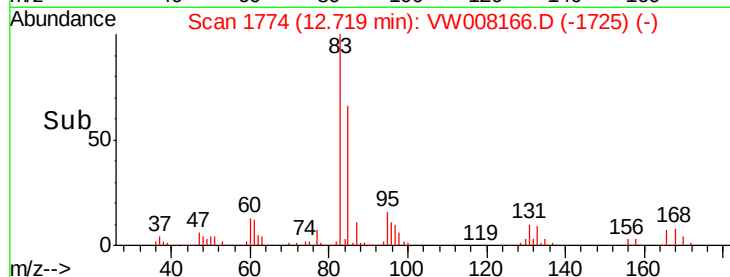
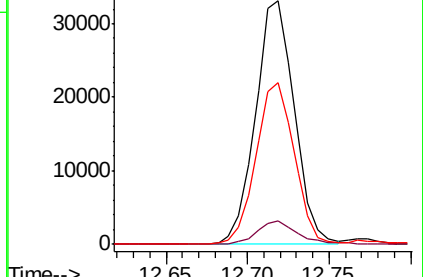
85 65.6 32.4 97.2



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: 98.264 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008166.D

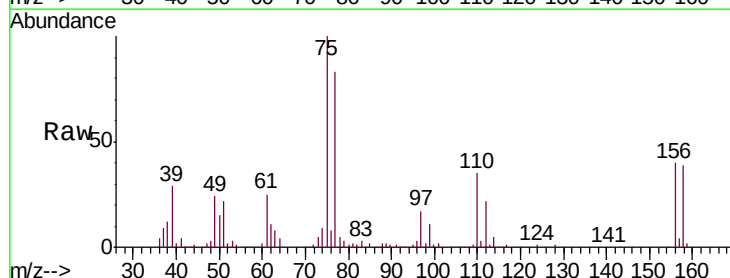
Acq: 10 Jan 2019 23:49

Tgt Ion: 75 Resp: 71926

Ion Ratio Lower Upper

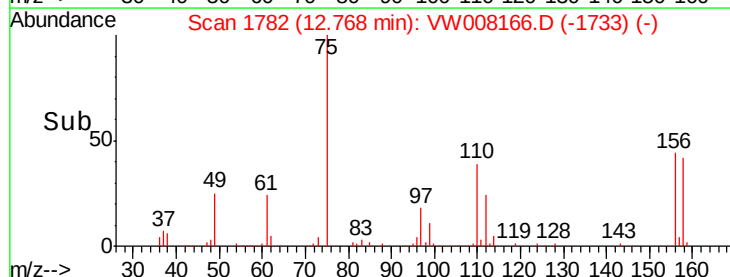
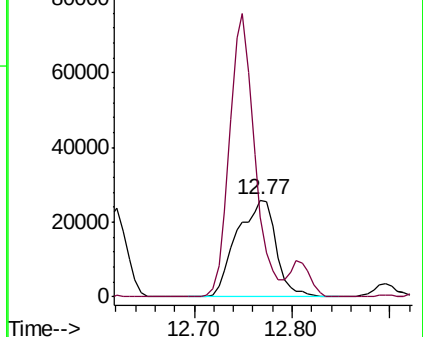
75 100

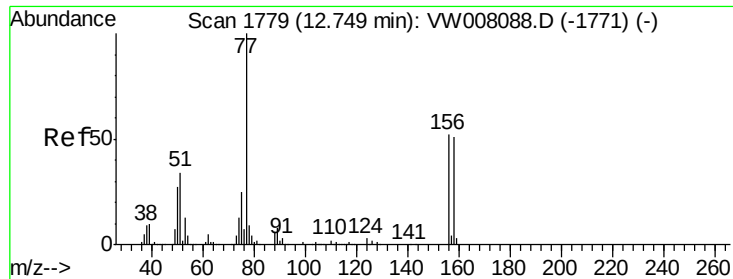
77 187.8 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 53.092 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

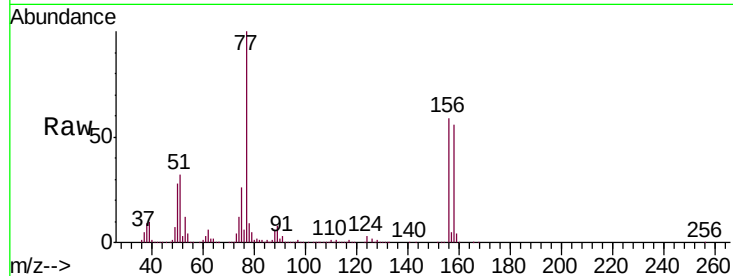
Tgt Ion:156 Resp: 70718

Ion Ratio Lower Upper

156 100

77 191.0 104.2 312.5

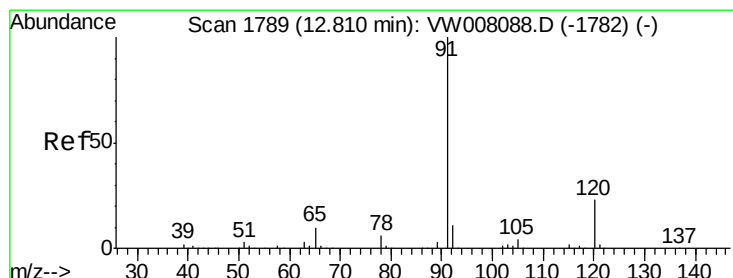
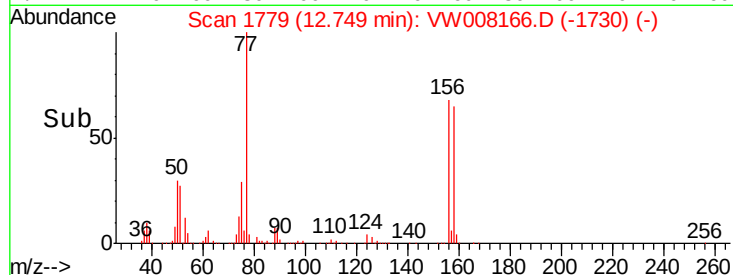
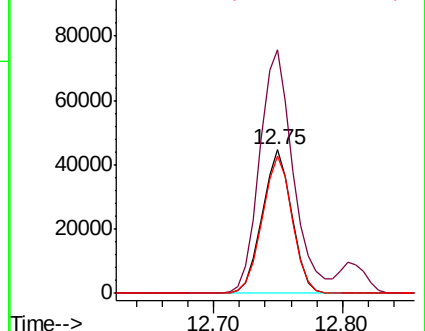
158 96.6 47.9 143.6



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: 49.134 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008166.D

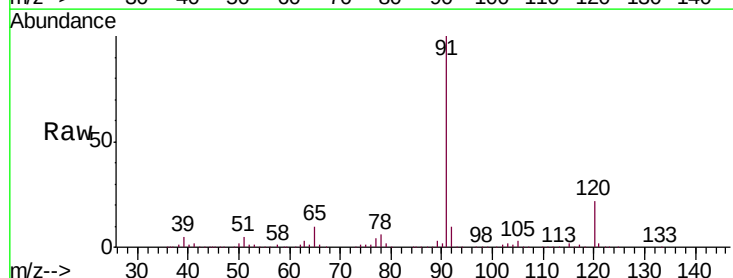
Acq: 10 Jan 2019 23:49

Tgt Ion: 91 Resp: 379508

Ion Ratio Lower Upper

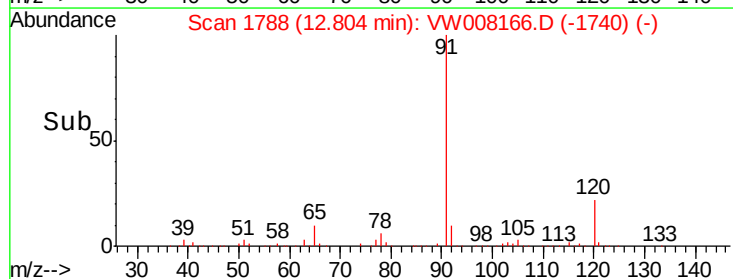
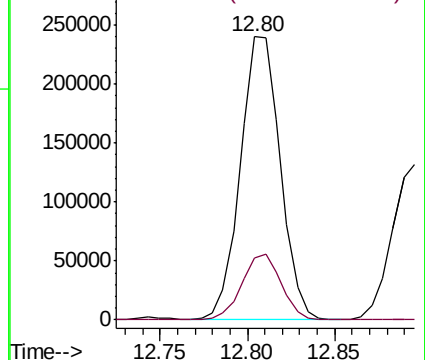
91 100

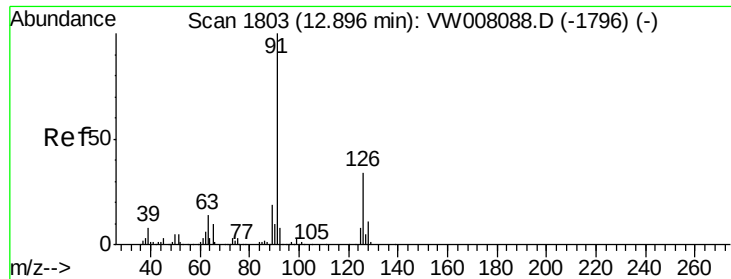
120 22.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.435 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

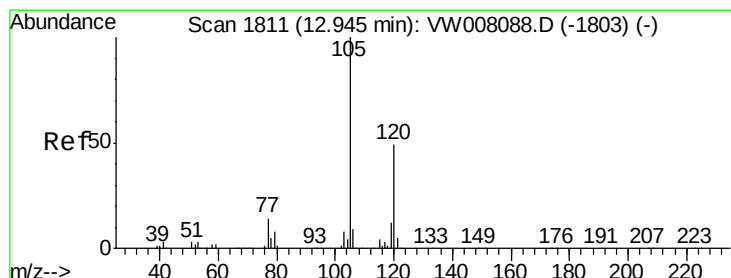
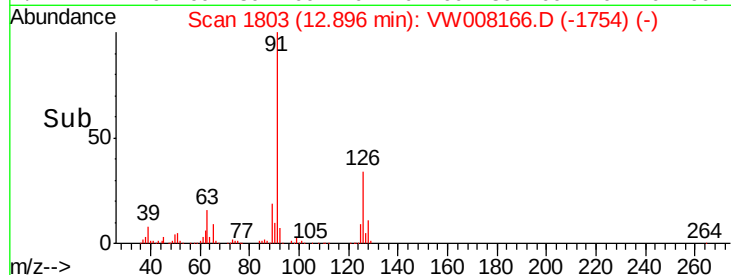
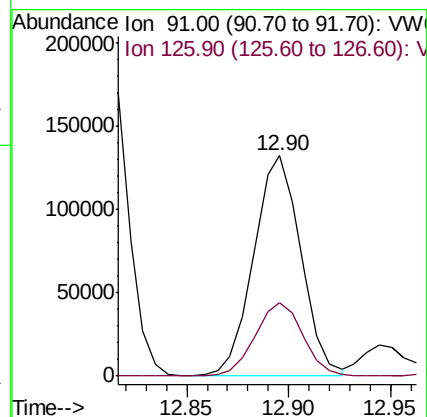
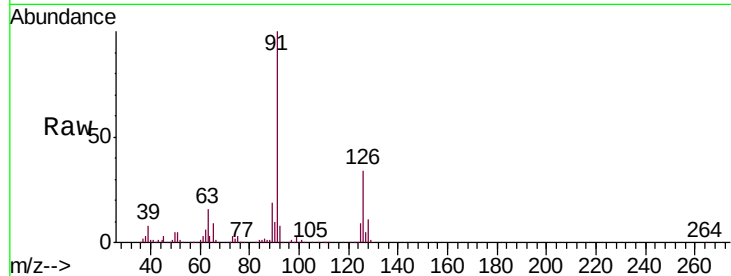
VSTDCCC050

Tgt Ion: 91 Resp: 213026

Ion Ratio Lower Upper

91 100

126 33.8 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 50.253 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008166.D

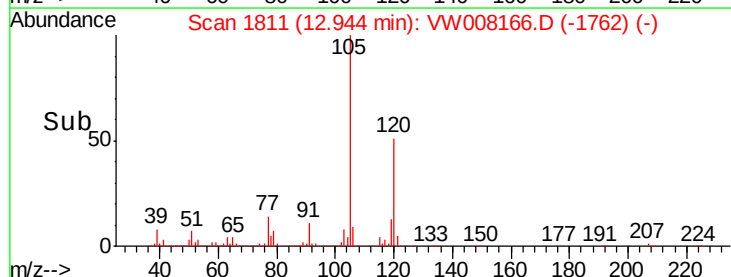
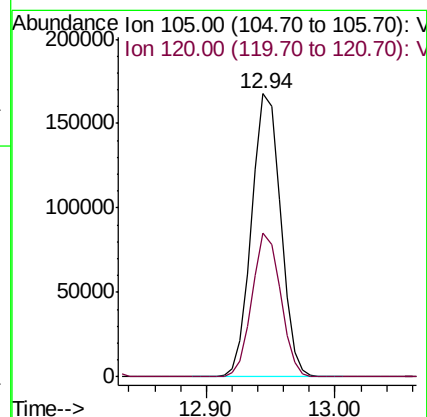
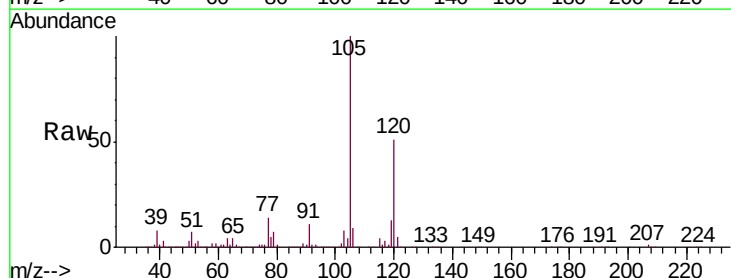
Acq: 10 Jan 2019 23:49

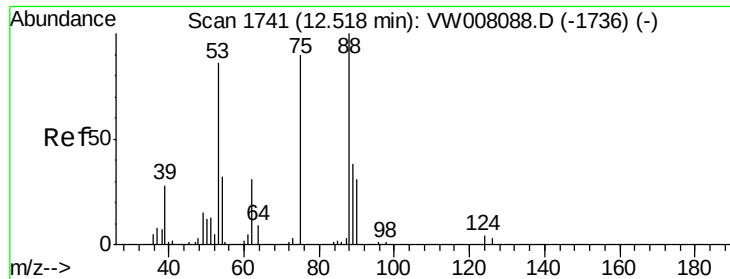
Tgt Ion: 105 Resp: 260324

Ion Ratio Lower Upper

105 100

120 50.0 24.7 74.1

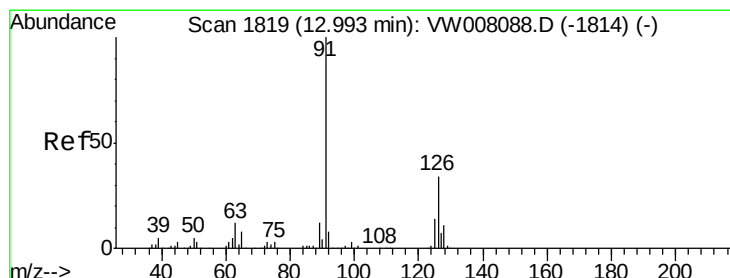
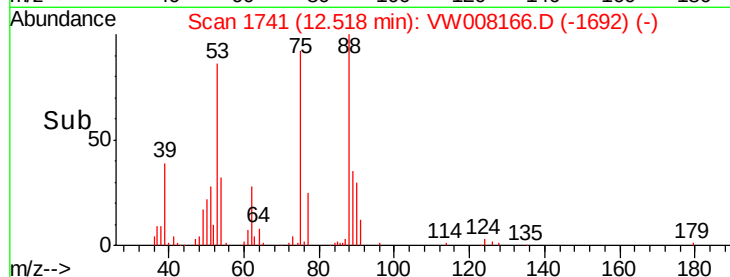
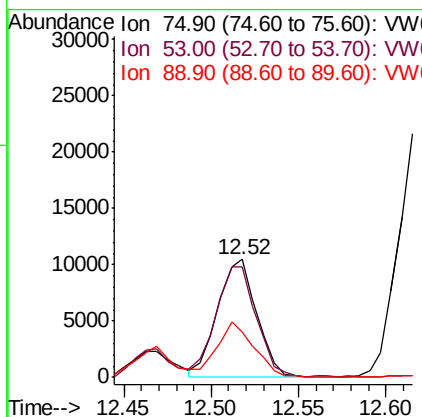
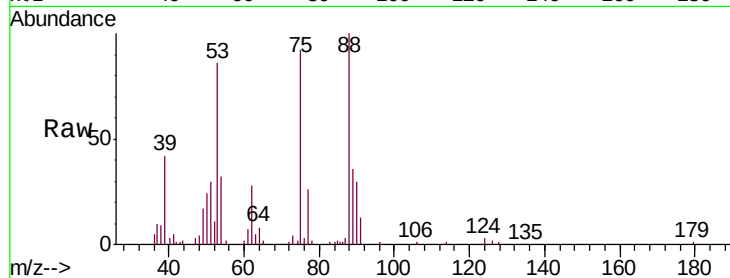




#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.039 ug/l
 RT: 12.52 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

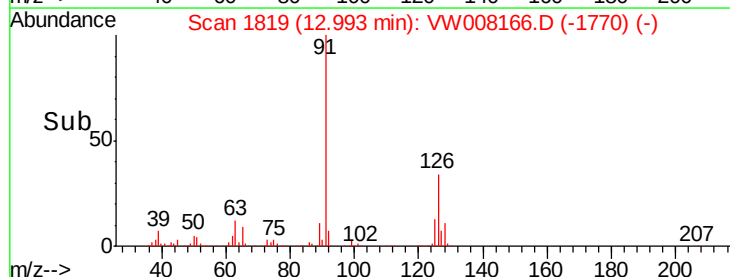
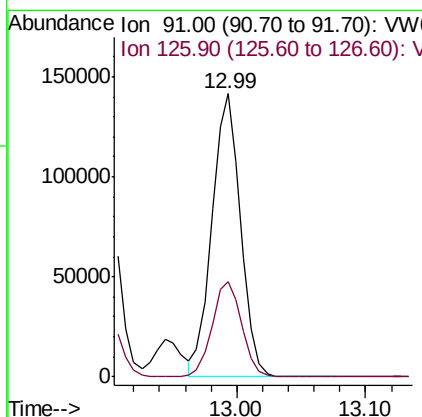
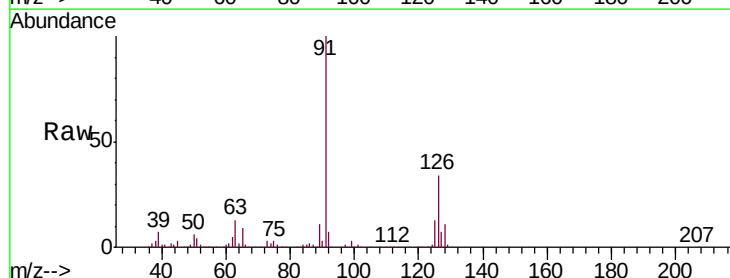
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

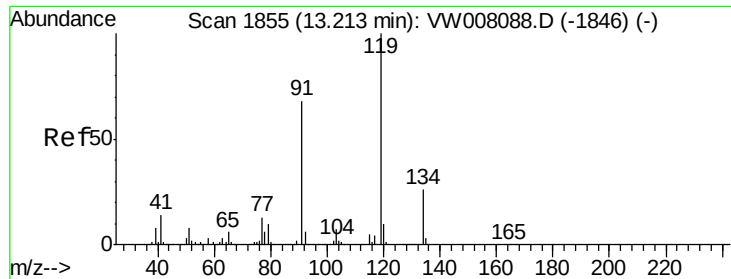
Tgt Ion: 75 Resp: 16357
 Ion Ratio Lower Upper
 75 100
 53 95.8 78.8 118.2
 89 44.2 35.4 53.2



#82
 4-Chlorotoluene
 Concen: 48.534 ug/l
 RT: 12.99 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Tgt Ion: 91 Resp: 220275
 Ion Ratio Lower Upper
 91 100
 126 34.8 16.5 49.5

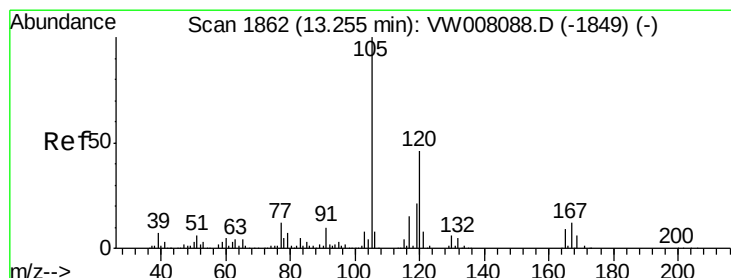
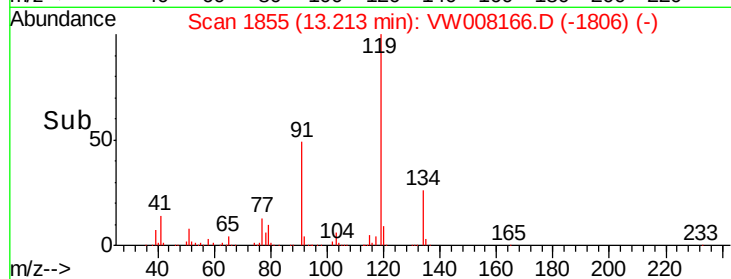
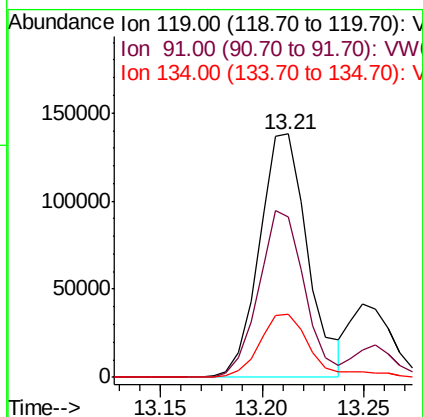
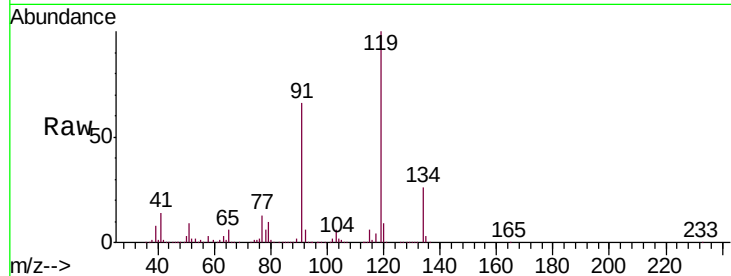




#83
 tert-Butylbenzene
 Concen: 49.756 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

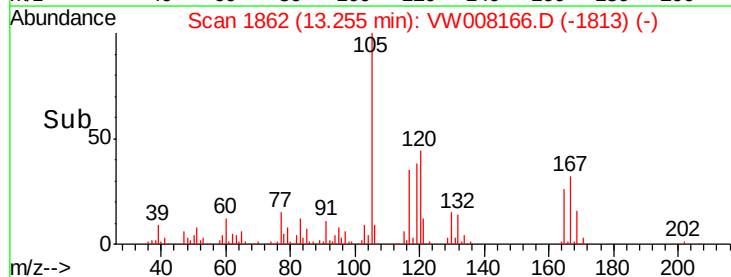
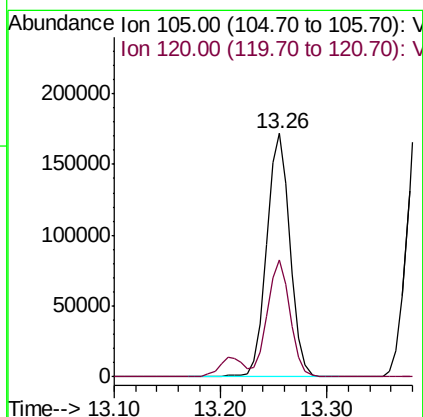
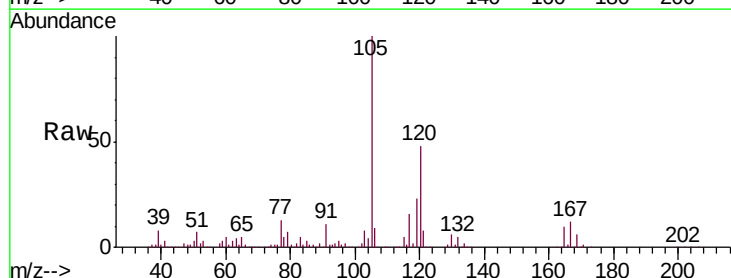
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

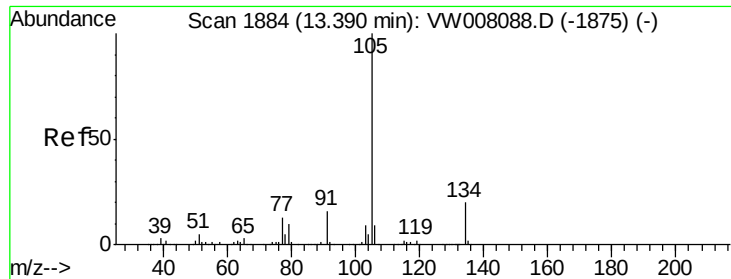
Tgt Ion:119 Resp: 228027
 Ion Ratio Lower Upper
 119 100
 91 64.8 33.9 101.6
 134 27.7 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.206 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Tgt Ion:105 Resp: 262894
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.7 68.1

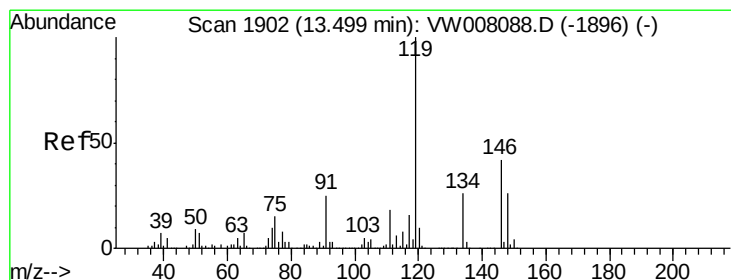
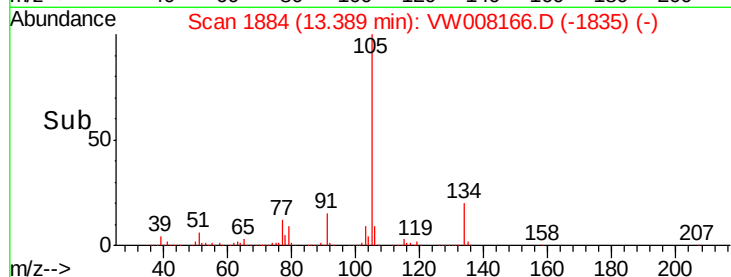
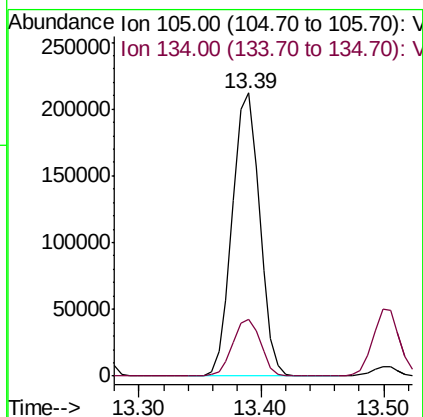
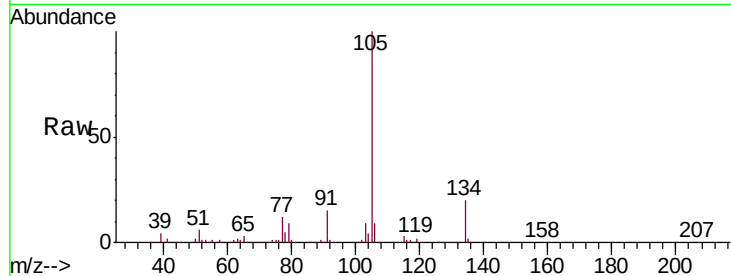




#85
 sec-Butylbenzene
 Concen: 48.885 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

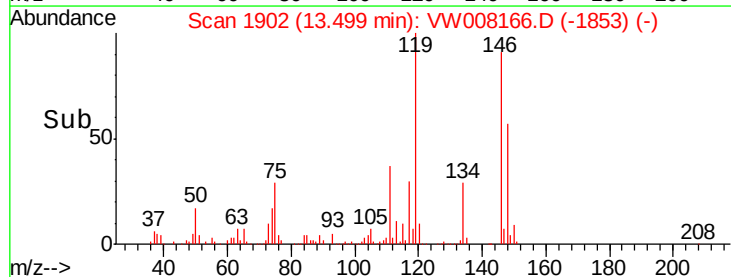
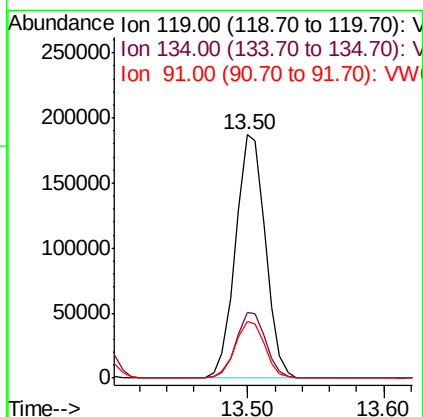
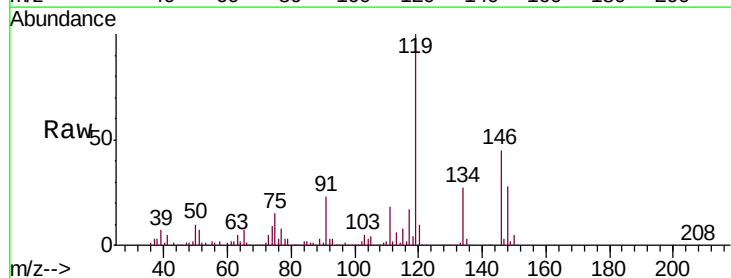
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

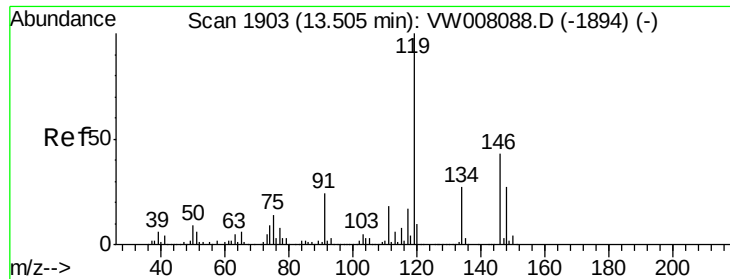
Tgt Ion:105 Resp: 328180
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 49.104 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Tgt Ion:119 Resp: 284664
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 23.1 12.3 36.9

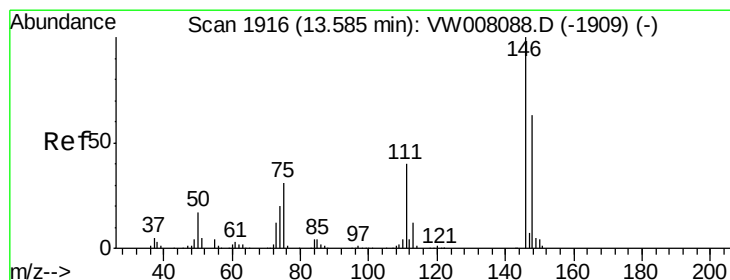
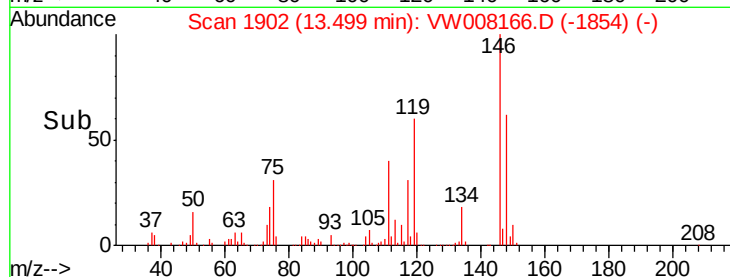
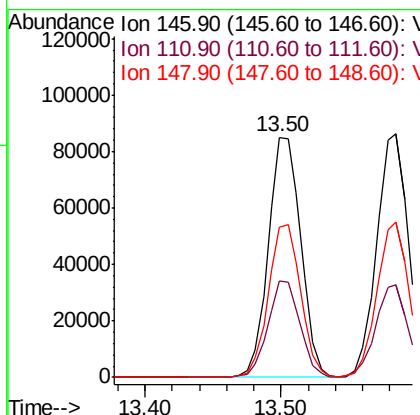
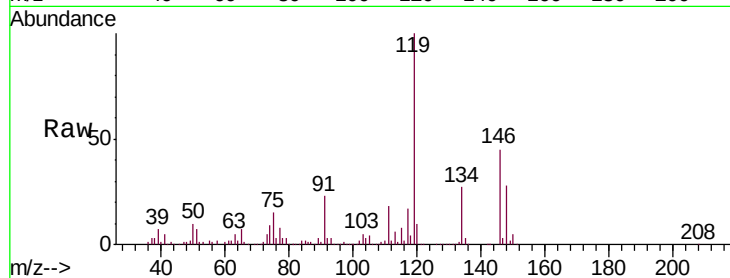




#87
 1,3-Dichlorobenzene
 Concen: 52.620 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

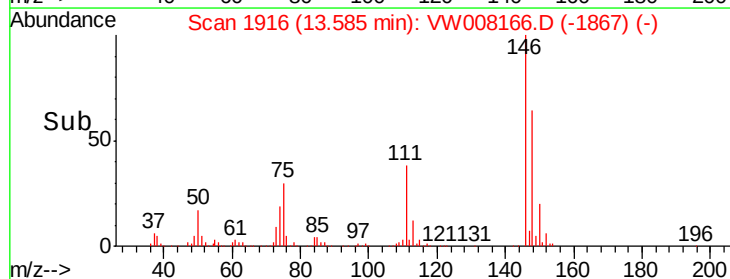
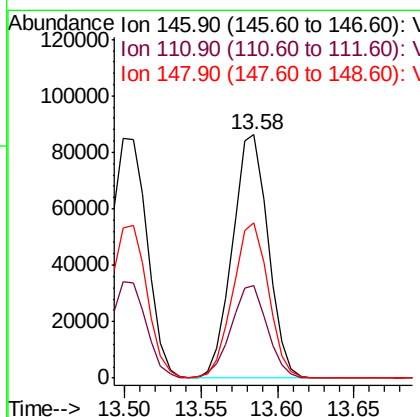
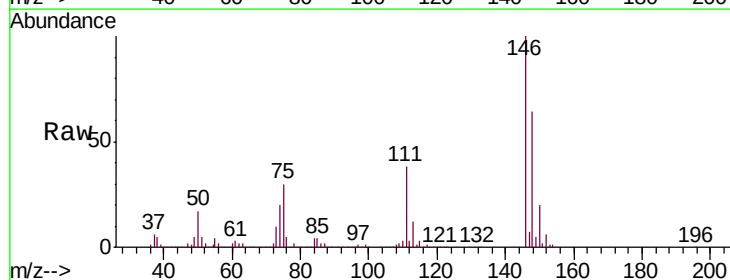
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

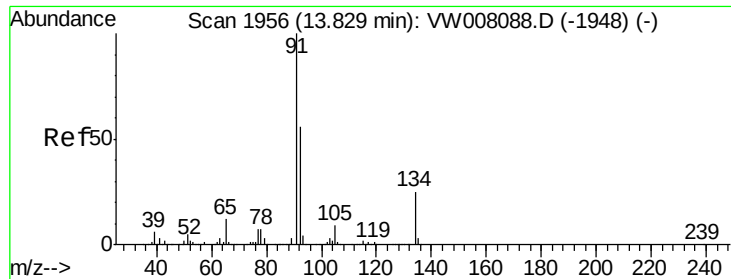
Tgt Ion:146 Resp: 142177
 Ion Ratio Lower Upper
 146 100
 111 39.6 21.1 63.1
 148 62.9 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 51.568 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Tgt Ion:146 Resp: 139797
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.5 61.5
 148 63.9 31.6 94.8





#89

n-Butylbenzene

Concen: 47.876 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008166.D

Acq: 10 Jan 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

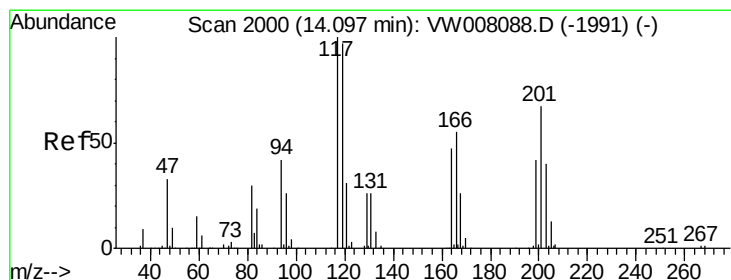
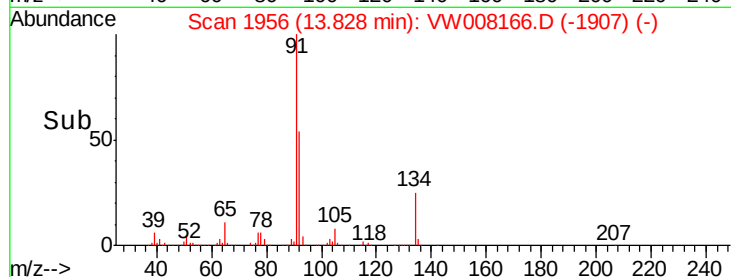
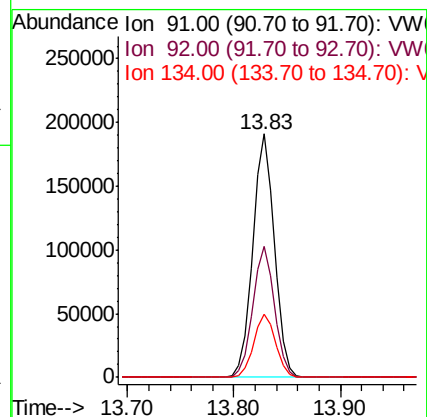
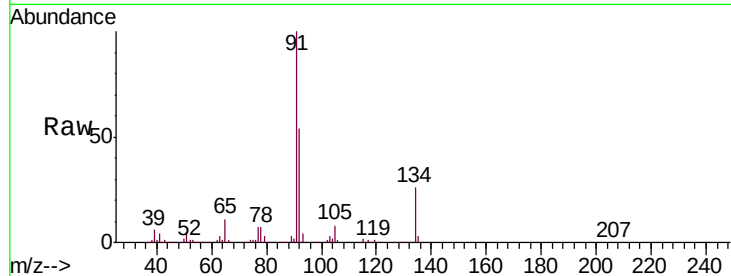
Tgt Ion: 91 Resp: 271833

Ion Ratio Lower Upper

91 100

92 54.0 27.4 82.2

134 26.3 12.6 37.8



#90

Hexachloroethane

Concen: 52.240 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008166.D

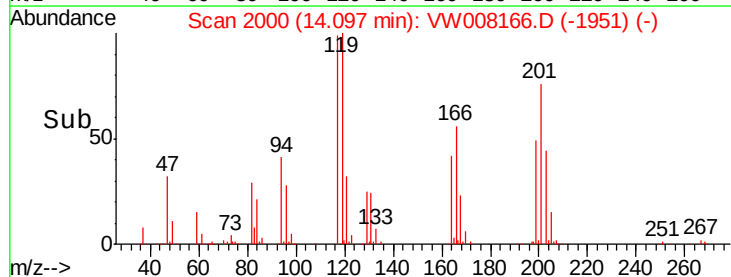
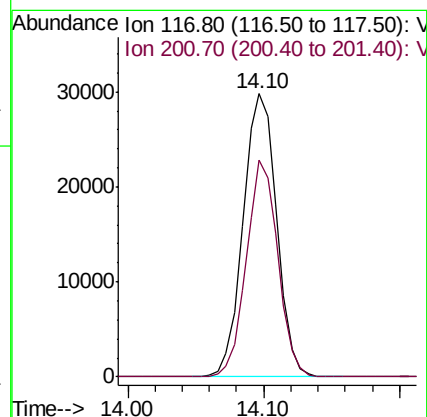
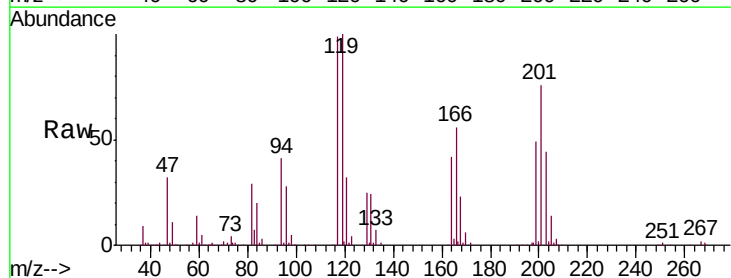
Acq: 10 Jan 2019 23:49

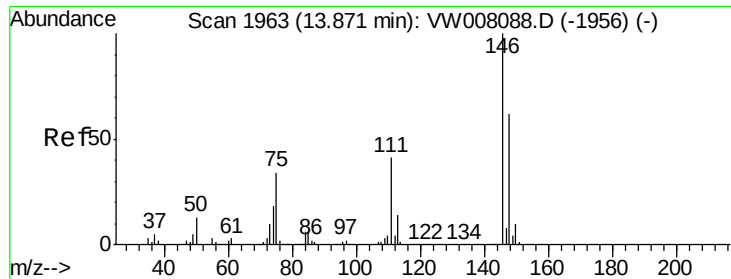
Tgt Ion: 117 Resp: 51152

Ion Ratio Lower Upper

117 100

201 72.2 33.0 98.9

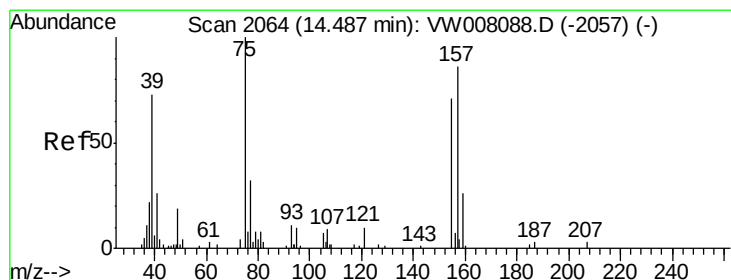
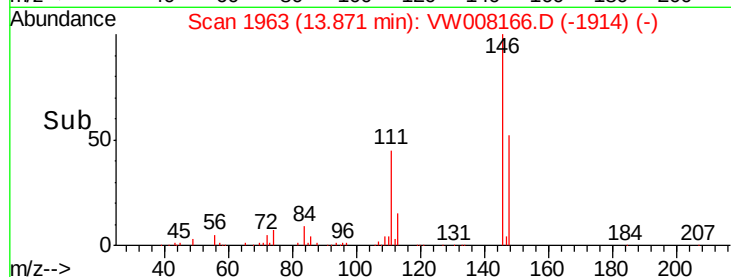
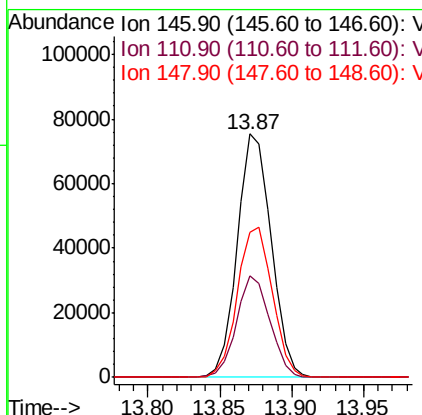
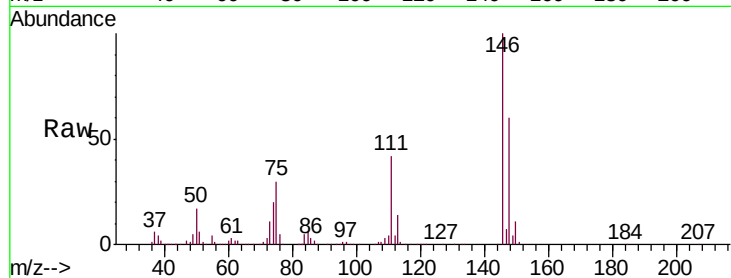




#91
 1,2-Dichlorobenzene
 Concen: 51.968 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

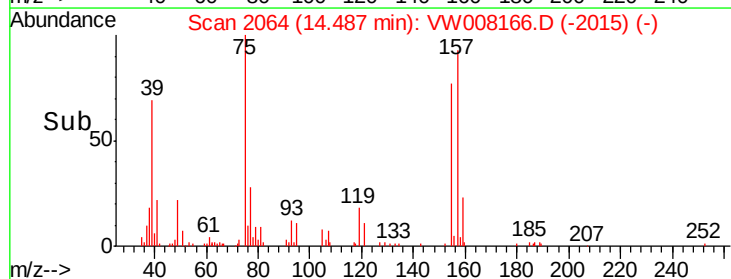
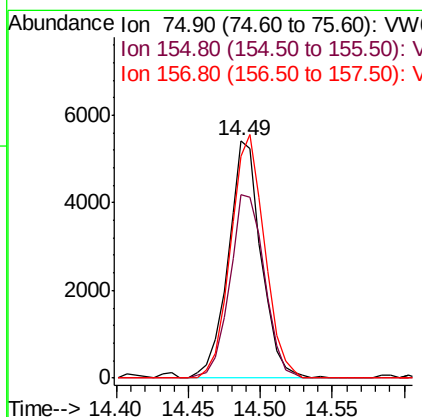
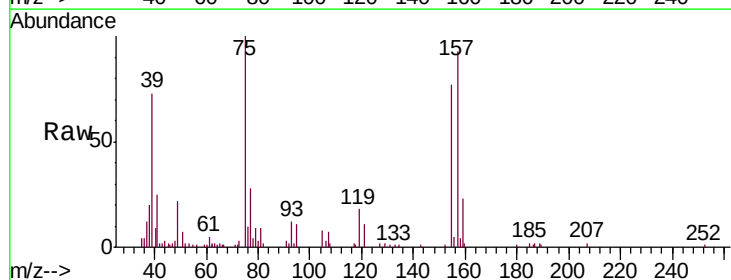
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

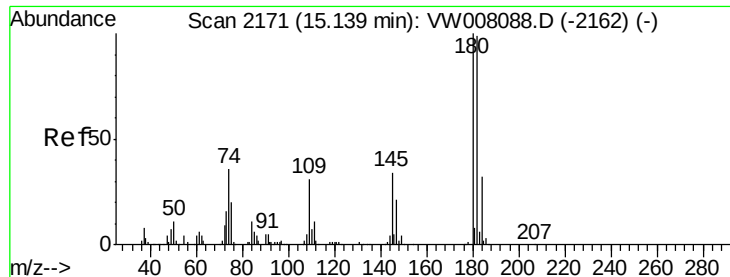
Tgt Ion:146 Resp: 123405
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.3 63.7
 148 63.5 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.417 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Tgt Ion: 75 Resp: 8674
 Ion Ratio Lower Upper
 75 100
 155 81.3 38.6 115.7
 157 104.4 47.5 142.6

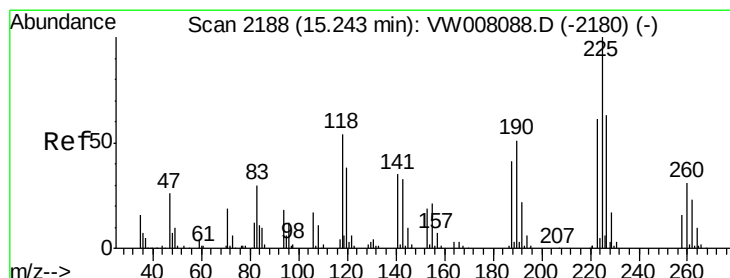
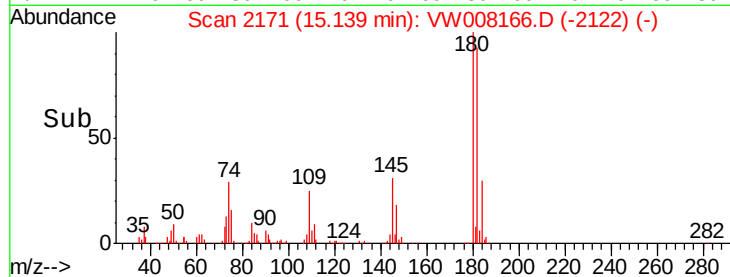
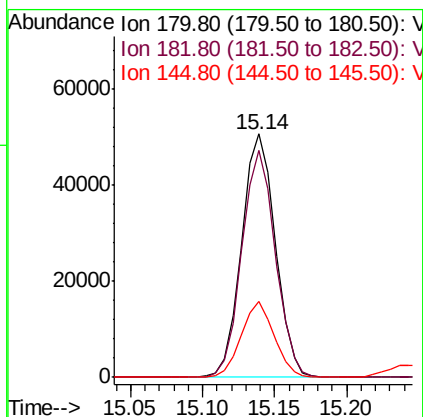
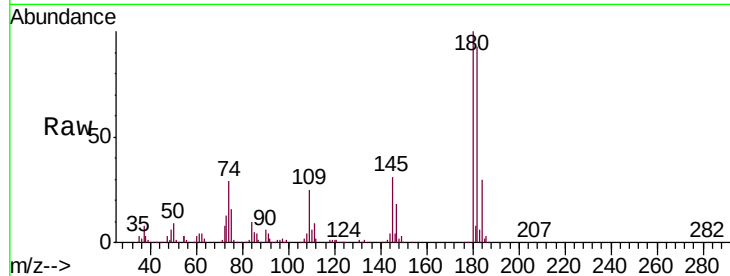




#93
 1,2,4-Trichlorobenzene
 Concen: 52.045 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

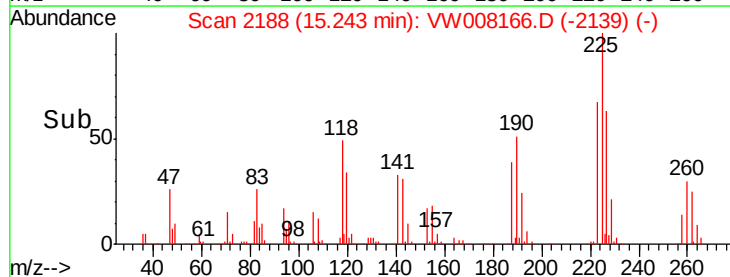
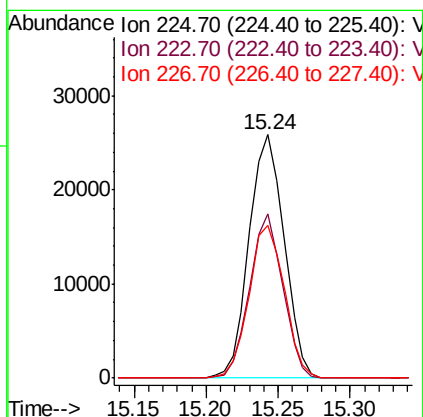
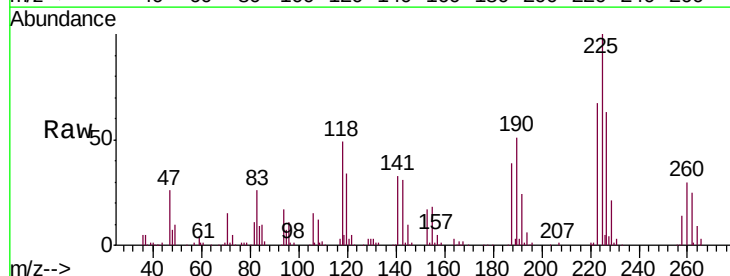
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 MSVOA_W
 ClientSampleId :
 VSTDCCC050

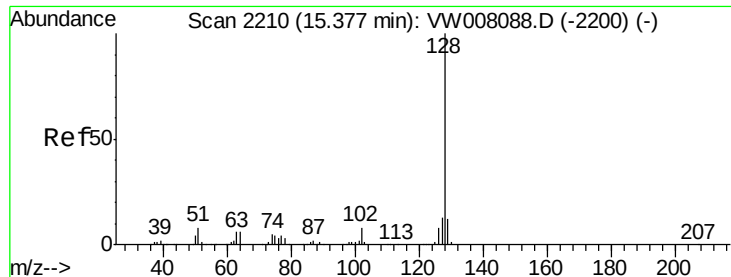
Tgt Ion:180 Resp: 82053
 Ion Ratio Lower Upper
 180 100
 182 92.8 48.6 145.9
 145 30.4 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 51.576 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008166.D
 Acq: 10 Jan 2019 23:49

Tgt Ion:225 Resp: 43522
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.4 94.3
 227 63.4 32.0 96.2

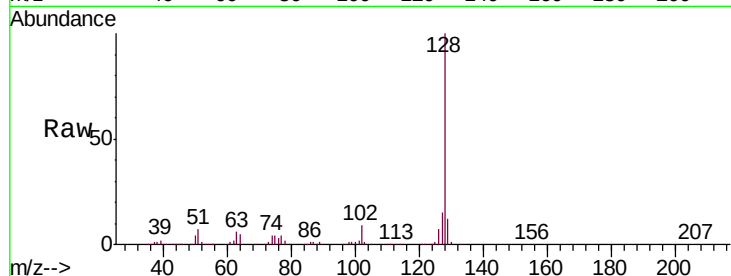




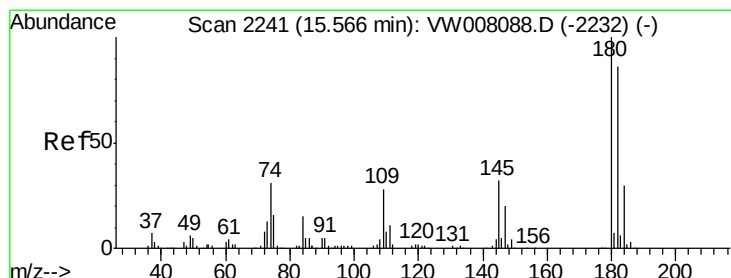
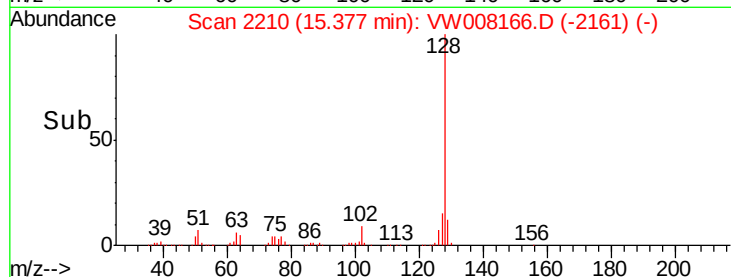
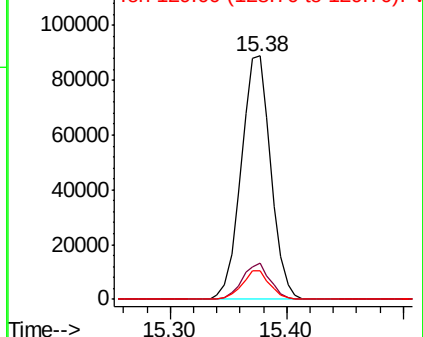
#95
Naphthalene
Concen: 53.527 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 157572
Ion Ratio Lower Upper
128 100
127 14.0 11.0 16.4
129 11.2 9.0 13.6

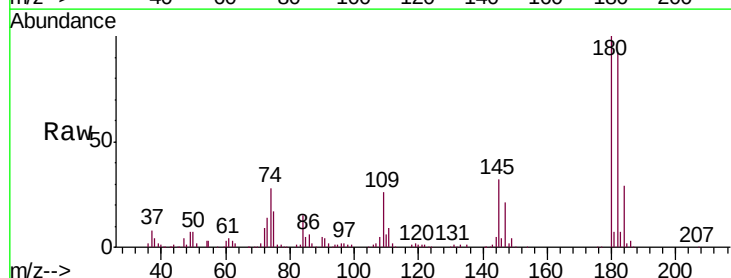


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.510 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008166.D
Acq: 10 Jan 2019 23:49

Tgt Ion:180 Resp: 70572
Ion Ratio Lower Upper
180 100
182 97.5 46.5 139.3
145 32.7 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

