

Data File : VW008212.D
Acq On : 11 Jan 2019 23:42
Operator : SY/VA
Sample : VSTDCCC050
Misc : 7.09G/5ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Jan 12 00:19:53 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	106135	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	181869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	166441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80638	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	58825	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	7.88	113	58184	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
50) Toluene-d8	10.32	98	228131	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.62	95	78510	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	39128	45.172	ug/l	98
3) Chloromethane	2.21	50	49792	44.308	ug/l	99
4) Vinyl Chloride	2.37	62	63819	43.513	ug/l	96
5) Bromomethane	2.78	94	51782	47.130	ug/l	98
6) Chloroethane	2.92	64	43268	39.204	ug/l	99
7) Trichlorofluoromethane	3.26	101	49374	41.408	ug/l	87
8) Diethyl Ether	3.68	74	32876	48.772	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54878	46.356	ug/l	94
10) Methyl Iodide	4.26	142	88861	51.502	ug/l	99
11) Tert butyl alcohol	5.21	59	18487	253.316	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	55519	47.767	ug/l	93
13) Acrolein	3.89	56	18128	228.136	ug/l	98
14) Allyl chloride	4.66	41	99789	47.287	ug/l	99
15) Acrylonitrile	5.37	53	66546	259.304	ug/l	100
16) Acetone	4.14	43	54872	256.459	ug/l	92
17) Carbon Disulfide	4.37	76	171479	47.228	ug/l	100
18) Methyl Acetate	4.67	43	43495	57.691	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	96525	51.083	ug/l	95
20) Methylene Chloride	4.91	84	64833	55.756	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	62266	49.297	ug/l	93
22) Diisopropyl ether	6.31	45	200508	49.820	ug/l	99
23) Vinyl Acetate	6.25	43	528562	250.061	ug/l	99
24) 1,1-Dichloroethane	6.21	63	113373	48.347	ug/l	95
25) 2-Butanone	7.18	43	79825	240.514	ug/l	99
26) 2,2-Dichloropropane	7.16	77	67935	42.756	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	68286	49.551	ug/l	95
28) Bromochloromethane	7.51	49	47233	50.924	ug/l	92
29) Tetrahydrofuran	7.53	42	57639	259.987	ug/l	99
30) Chloroform	7.67	83	112252	50.290	ug/l	97
31) Cyclohexane	7.95	56	102260	40.735	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	93916	48.356	ug/l	99
36) 1,1-Dichloropropene	8.08	75	90845	48.491	ug/l	98
37) Ethyl Acetate	7.26	43	37838	50.413	ug/l	98
38) Carbon Tetrachloride	8.07	117	83872	48.913	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	110661	46.585	ug/l	95
40) Benzene	8.32	78	255504	50.283	ug/l	99
41) Methacrylonitrile	7.48	41	25090	52.919	ug/l	96
42) 1,2-Dichloroethane	8.40	62	71653	50.137	ug/l	98
43) Isopropyl Acetate	8.43	43	76097	50.709	ug/l	99
44) Trichloroethene	9.09	130	67252	51.703	ug/l	93
45) 1,2-Dichloropropane	9.37	63	64011	50.805	ug/l	92
46) Dibromomethane	9.46	93	32957	53.263	ug/l	96
47) Bromodichloromethane	9.65	83	81950	52.159	ug/l	99
48) Methyl methacrylate	9.44	41	35747	50.483	ug/l	88
49) 1,4-Dioxane	9.47	88	10351	1040.213	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	191741	263.962	ug/l	100
52) Toluene	10.39	92	164645	50.736	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	83569	51.135	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	98413	50.781	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	46695	53.750	ug/l	98
56) Ethyl methacrylate	10.65	69	60172	55.929	ug/l	98
57) 1,3-Dichloropropane	10.93	76	83661	52.656	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	157111	282.707	ug/l	98
59) 2-Hexanone	10.97	43	127082	258.705	ug/l	100
60) Dibromochloromethane	11.13	129	55802	58.494	ug/l	100
61) 1,2-Dibromoethane	11.24	107	45481	55.174	ug/l	100
64) Tetrachloroethene	10.86	164	57210	52.816	ug/l	95
65) Chlorobenzene	11.66	112	179316	50.853	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	61461	53.589	ug/l	99
67) Ethyl Benzene	11.73	91	316949	49.125	ug/l	97
68) m/p-Xylenes	11.84	106	245477	99.681	ug/l	97
69) o-Xylene	12.17	106	115586	50.685	ug/l	96
70) Styrene	12.18	104	188179	52.682	ug/l	98
71) Bromoform	12.35	173	30164	58.765	ug/l #	96
73) Isopropylbenzene	12.47	105	312542	49.368	ug/l	100
74) N-amyl acetate	12.27	43	70773	50.480	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	53410	52.707	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	69100	94.000	ug/l	24
77) Bromobenzene	12.75	156	71699	53.599	ug/l	89
78) n-propylbenzene	12.81	91	372498	48.021	ug/l	98
79) 2-Chlorotoluene	12.90	91	210576	48.658	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	256359	49.277	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16587	52.545	ug/l	95
82) 4-Chlorotoluene	12.99	91	217742	47.772	ug/l	97
83) tert-Butylbenzene	13.21	119	225808	49.062	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	262899	48.997	ug/l	98
85) sec-Butylbenzene	13.39	105	324797	48.175	ug/l	99
86) p-Isopropyltoluene	13.50	119	282676	48.553	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	141779	52.249	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	139367	51.191	ug/l	97
89) n-Butylbenzene	13.83	91	270133	47.374	ug/l	99
90) Hexachloroethane	14.10	117	51429	52.299	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	125199	52.499	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8657	53.085	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011119\
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	84752	53.528	ug/l	96
94) Hexachlorobutadiene	15.24	225	45852	54.106	ug/l	98
95) Naphthalene	15.37	128	160464	54.277	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	73008	54.090	ug/l	98

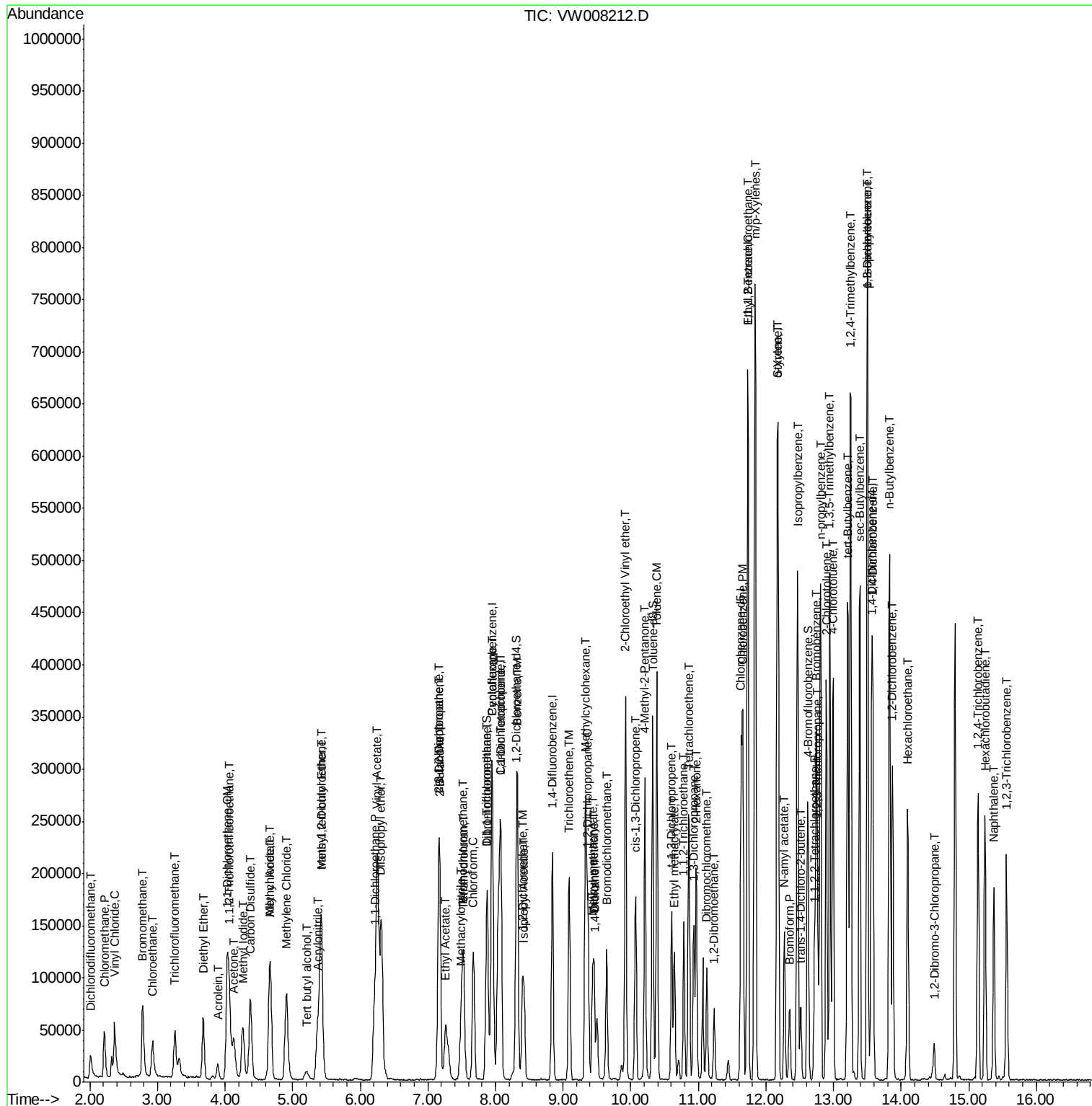
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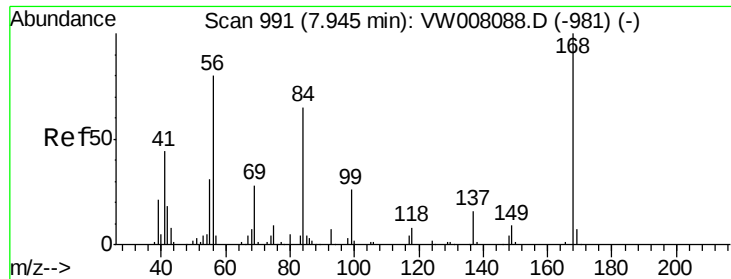
Data File : VW008212.D

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Operator     : SY/VA
Sample       : VSTDCCC050
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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: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

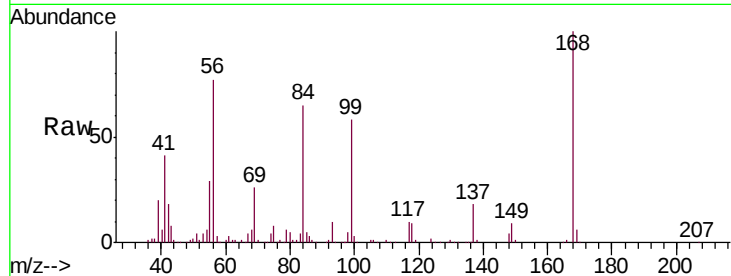
VSTDCCC050EC

Tgt Ion:168 Resp: 106135

Ion Ratio Lower Upper

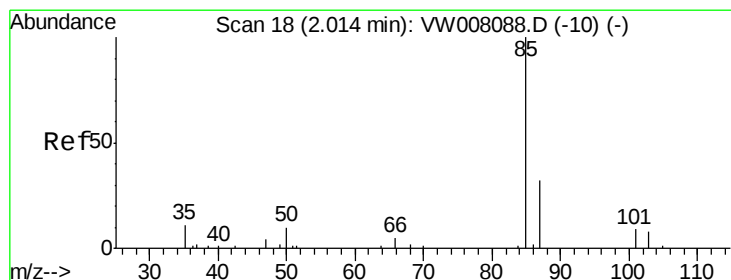
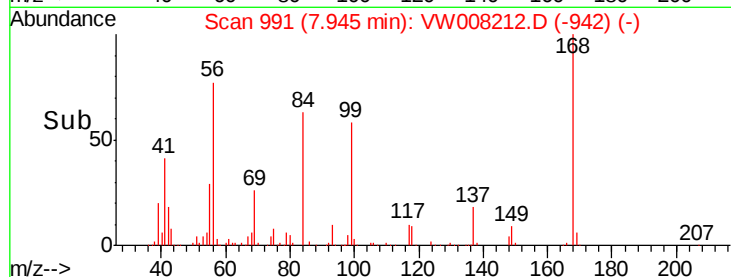
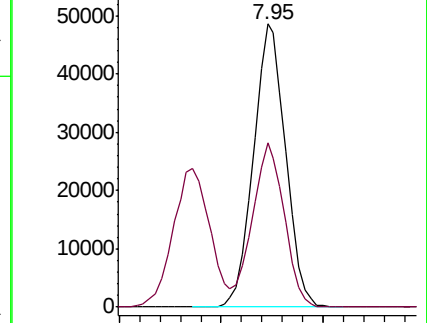
168 100

99 57.7 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: 45.172 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008212.D

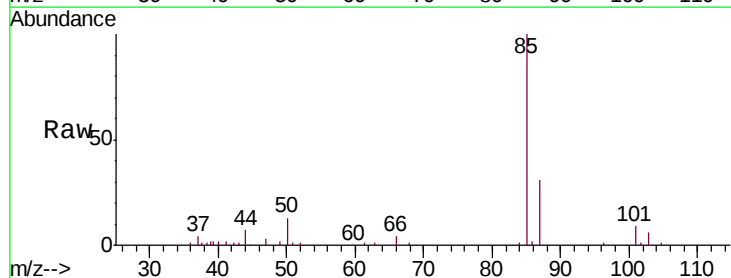
Acq: 11 Jan 2019 23:42

Tgt Ion: 85 Resp: 39128

Ion Ratio Lower Upper

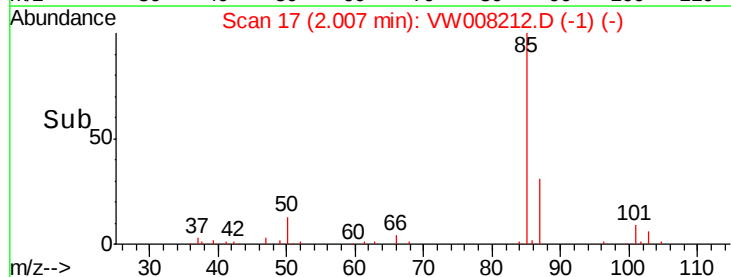
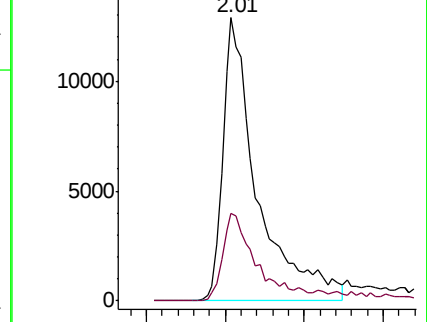
85 100

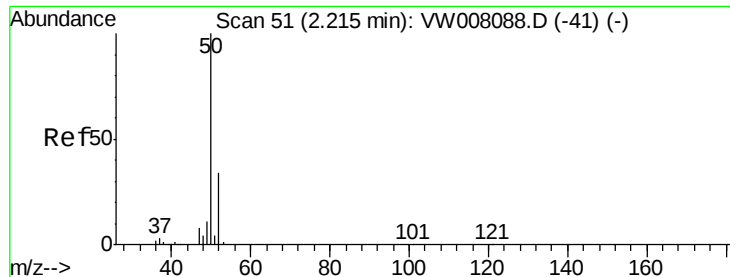
87 31.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 44.308 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

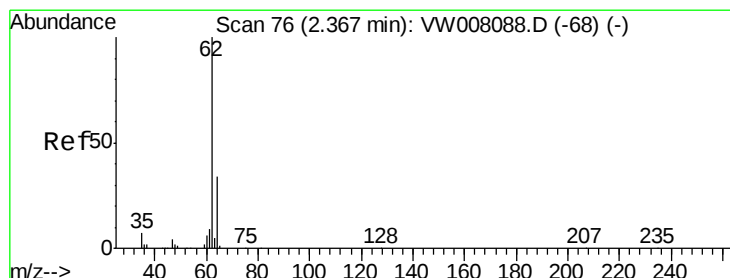
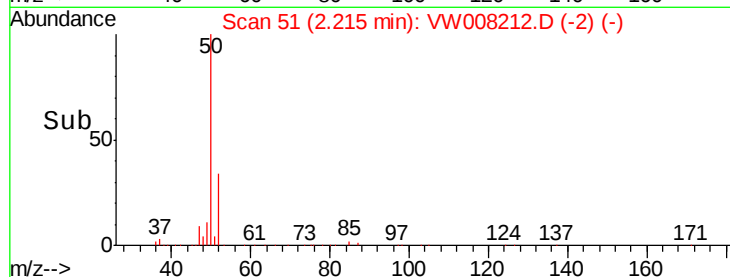
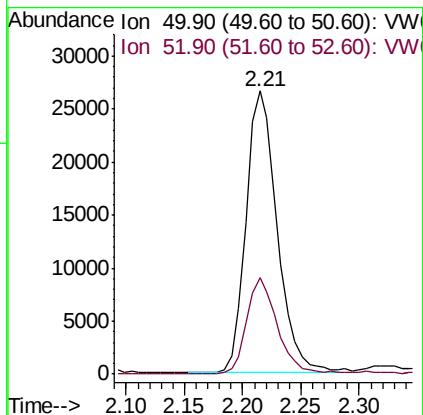
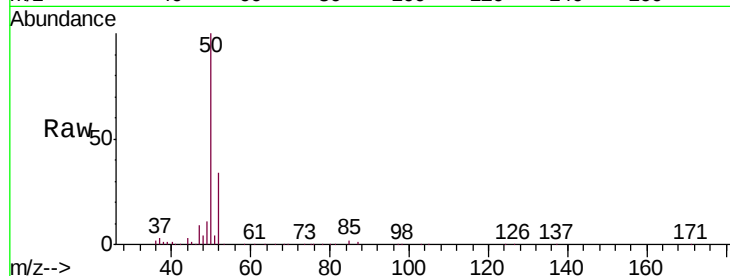
VSTDCCC050EC

Tgt Ion: 50 Resp: 49792

Ion Ratio Lower Upper

50 100

52 34.1 26.8 40.2



#4

Vinyl Chloride

Concen: 43.513 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008212.D

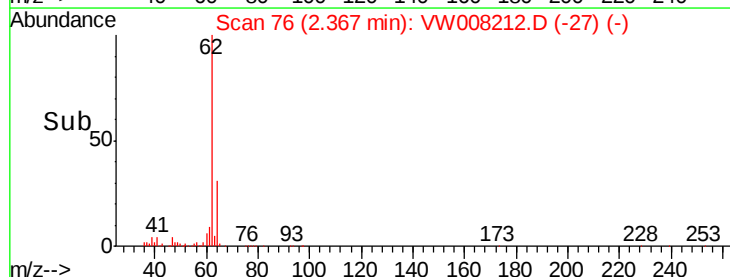
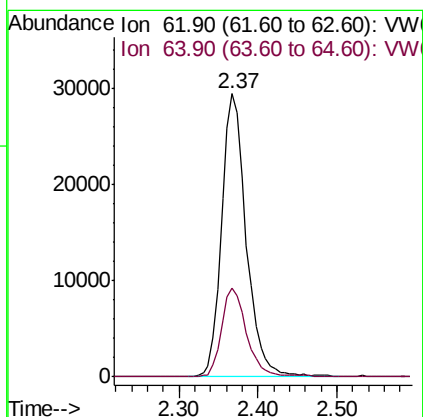
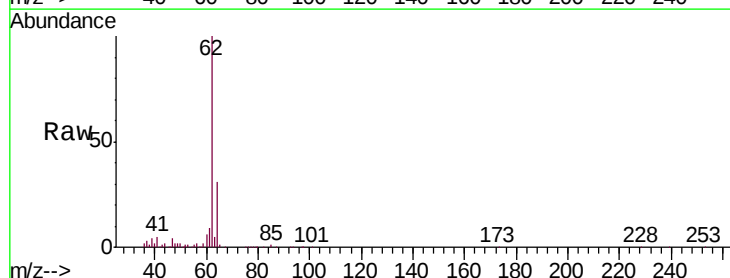
Acq: 11 Jan 2019 23:42

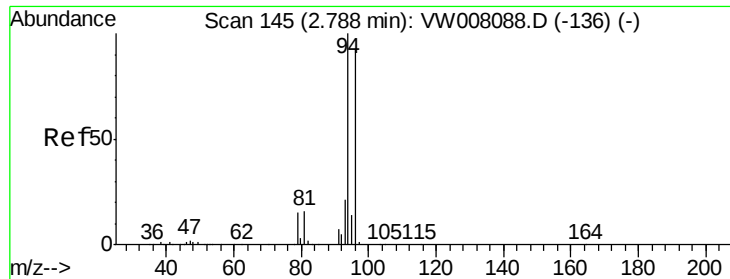
Tgt Ion: 62 Resp: 63819

Ion Ratio Lower Upper

62 100

64 31.5 27.0 40.6





#5

Bromomethane

Concen: 47.130 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

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ClientSampleId :

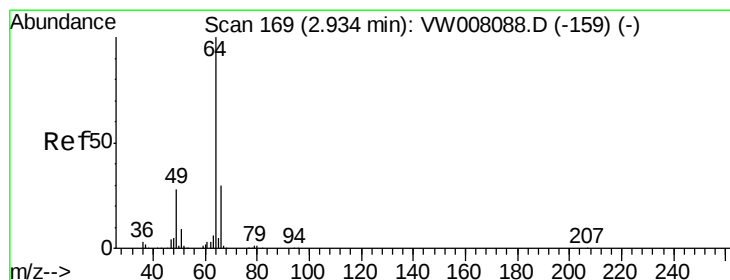
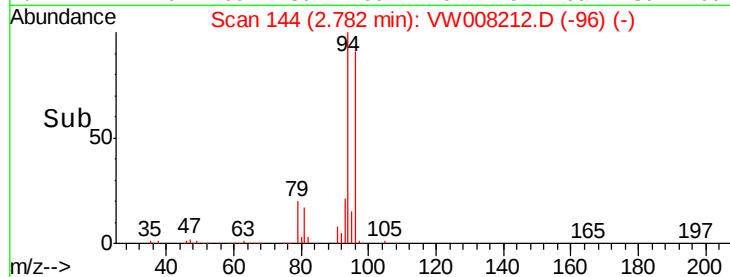
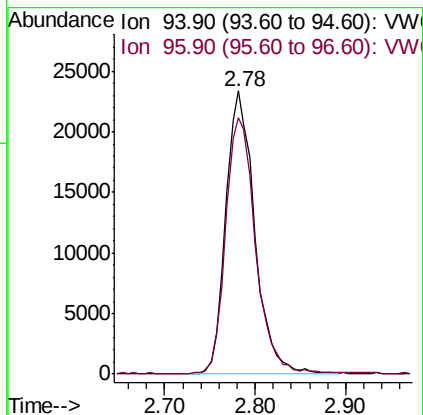
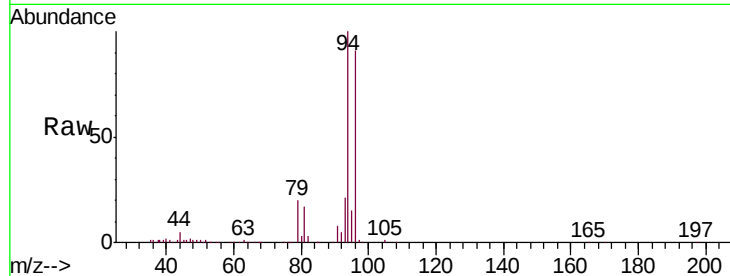
VSTDCCC050EC

Tgt Ion: 94 Resp: 51782

Ion Ratio Lower Upper

94 100

96 90.4 74.1 111.1



#6

Chloroethane

Concen: 39.204 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008212.D

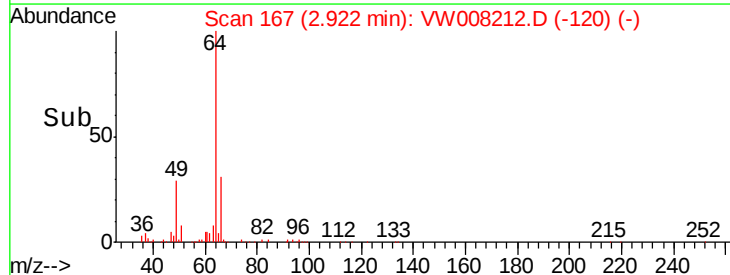
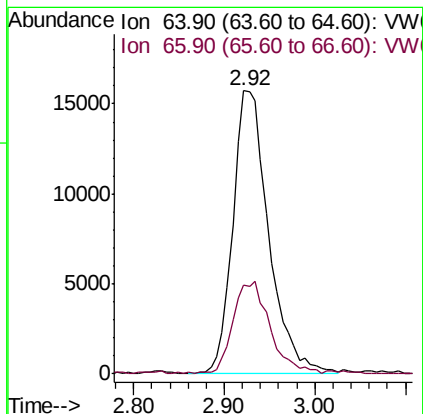
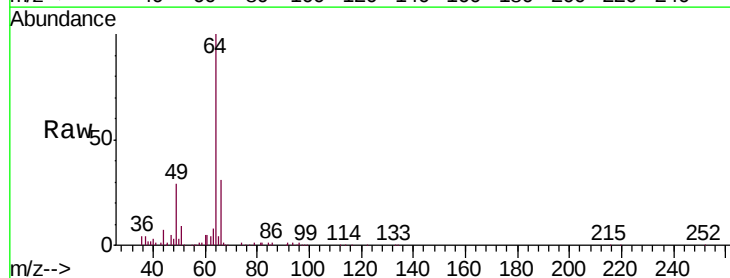
Acq: 11 Jan 2019 23:42

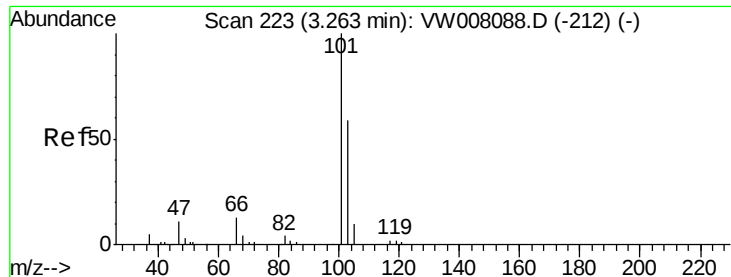
Tgt Ion: 64 Resp: 43268

Ion Ratio Lower Upper

64 100

66 30.7 24.2 36.2



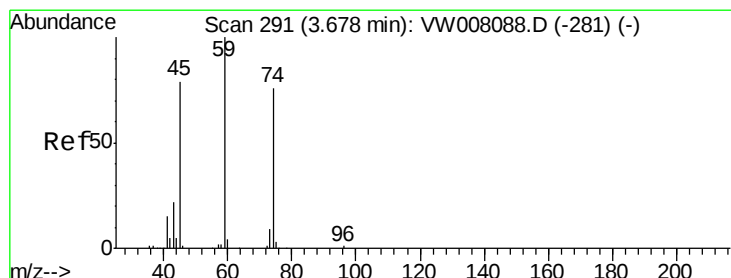
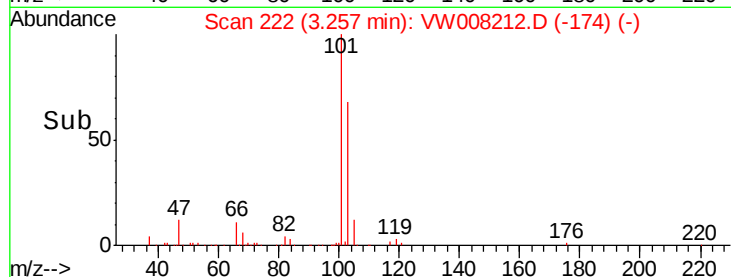
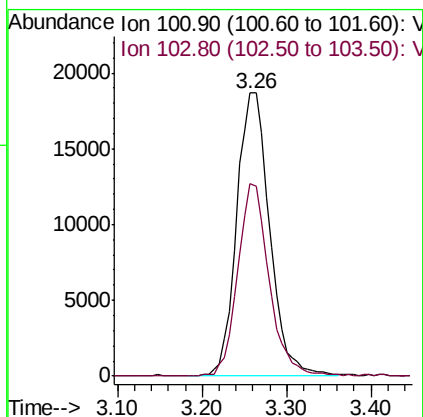
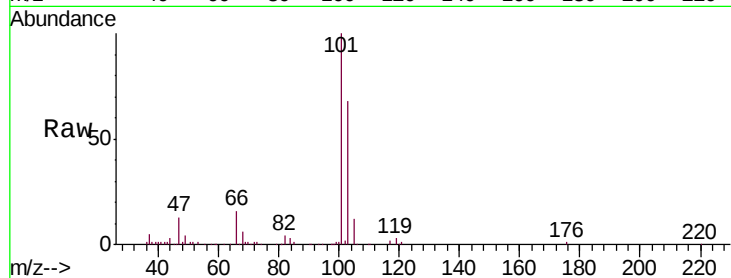


#7

Trichlorofluoromethane
 Concen: 41.408 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008212.D
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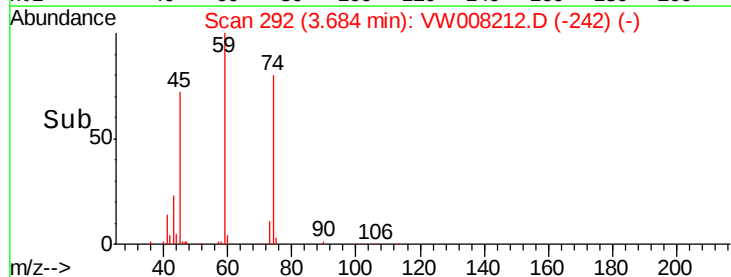
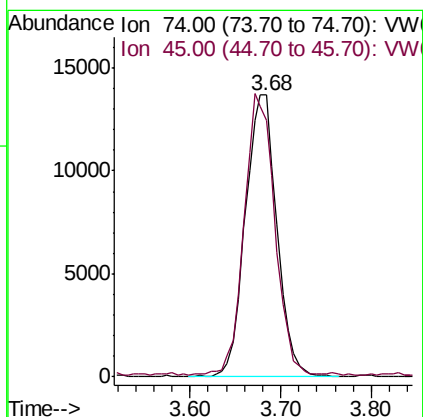
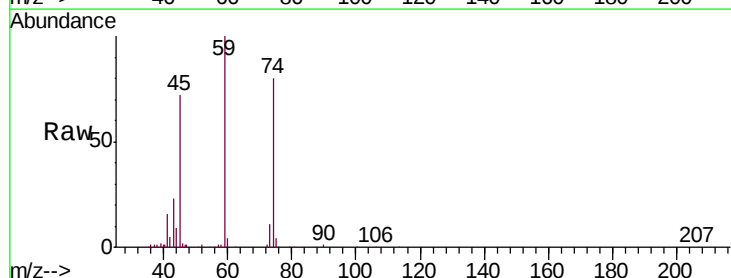
Tgt Ion:101 Resp: 49374
 Ion Ratio Lower Upper
 101 100
 103 68.2 47.0 70.6

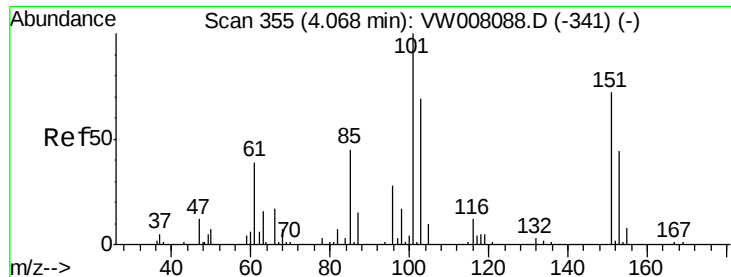


#8

Diethyl Ether
 Concen: 48.772 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion: 74 Resp: 32876
 Ion Ratio Lower Upper
 74 100
 45 95.7 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.356 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008212.D

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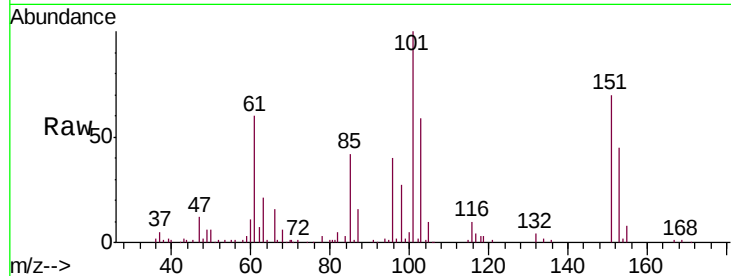
Tgt Ion:101 Resp: 54878

Ion Ratio Lower Upper

101 100

85 44.4 35.9 53.9

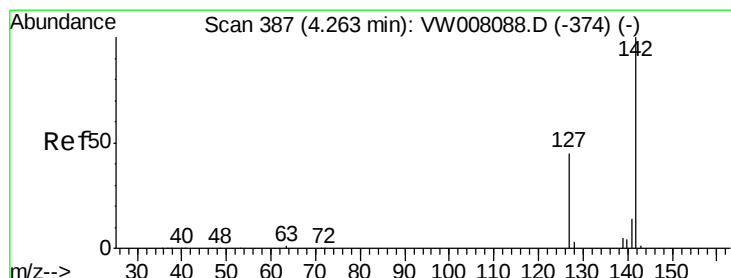
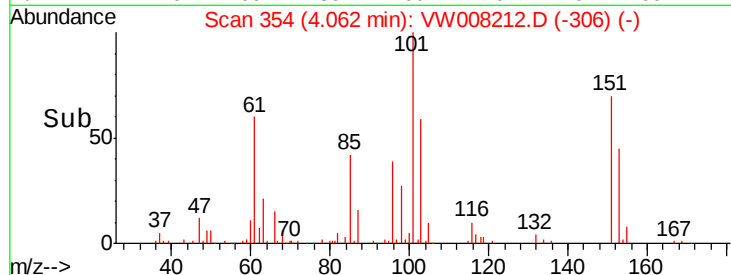
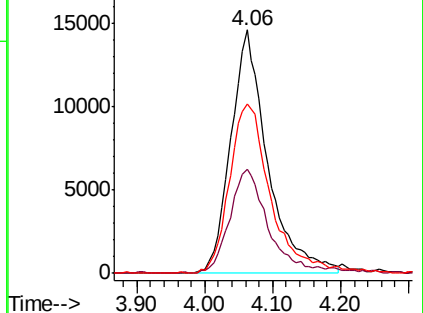
151 77.7 55.8 83.8



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: 51.502 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

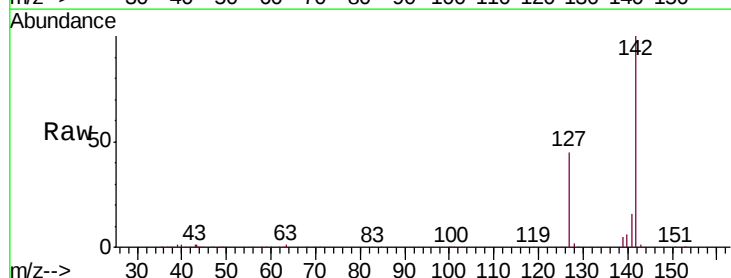
Tgt Ion:142 Resp: 88861

Ion Ratio Lower Upper

142 100

127 43.4 35.0 52.4

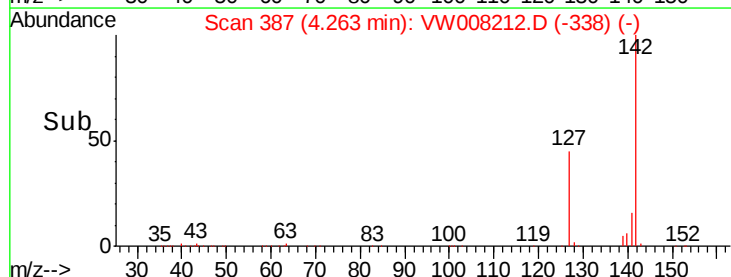
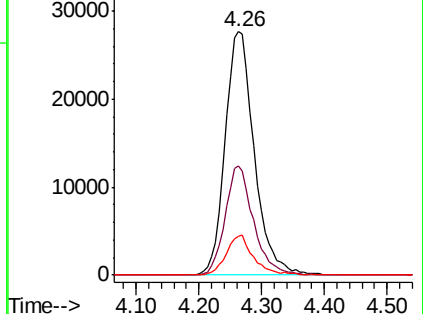
141 15.3 11.8 17.6

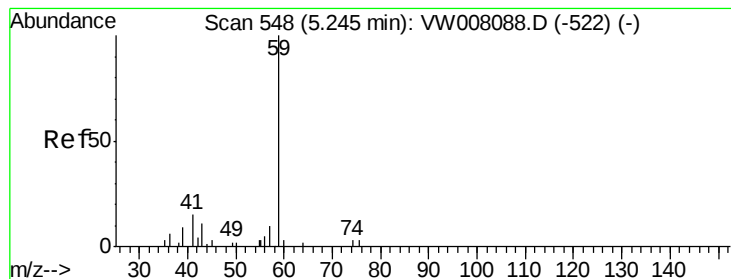


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



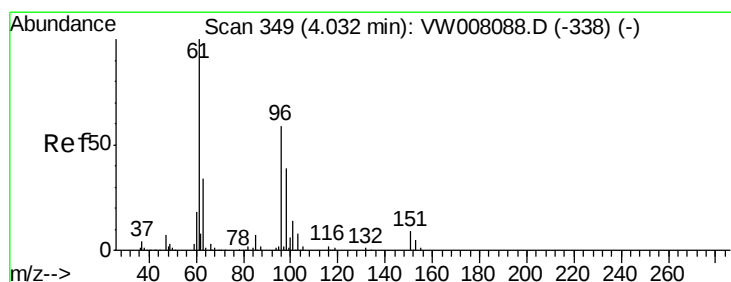
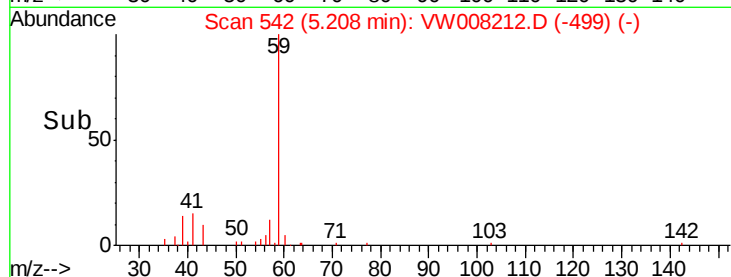
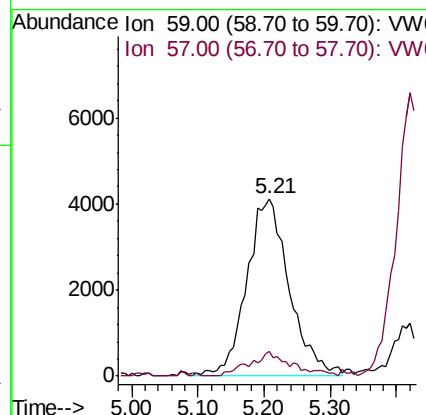
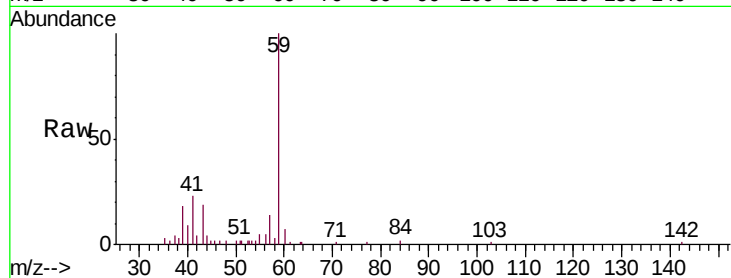


#11

Tert butyl alcohol
 Concen: 253.316 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. -0.04 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

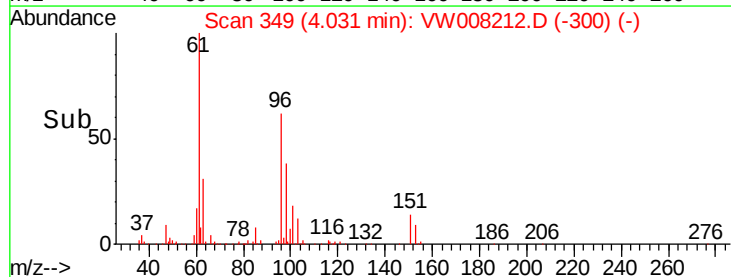
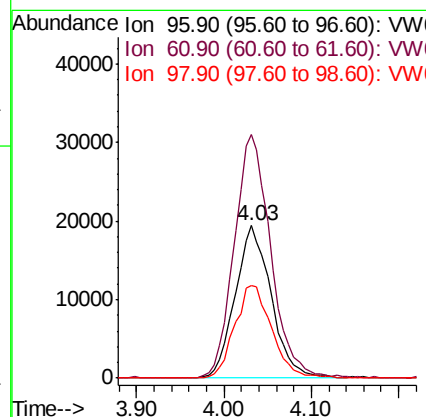
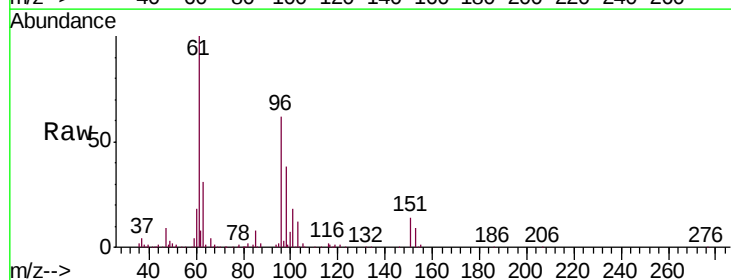
Tgt Ion: 59 Resp: 18487
 Ion Ratio Lower Upper
 59 100
 57 12.4 0.0 0.0#

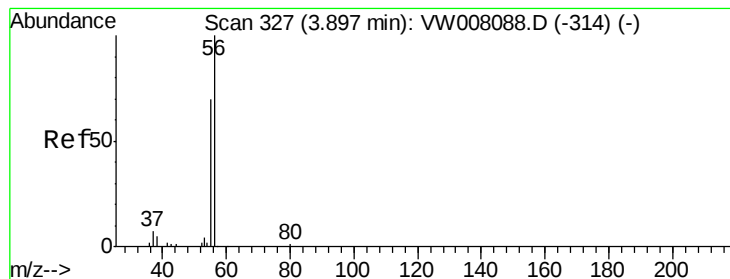


#12

1,1-Dichloroethene
 Concen: 47.767 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion: 96 Resp: 55519
 Ion Ratio Lower Upper
 96 100
 61 159.7 135.4 203.2
 98 60.6 52.5 78.7





#13

Acrolein

Concen: 228.136 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

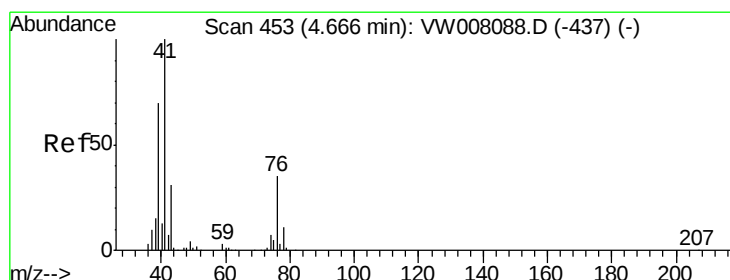
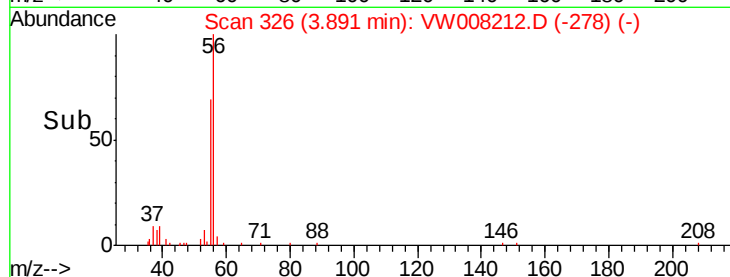
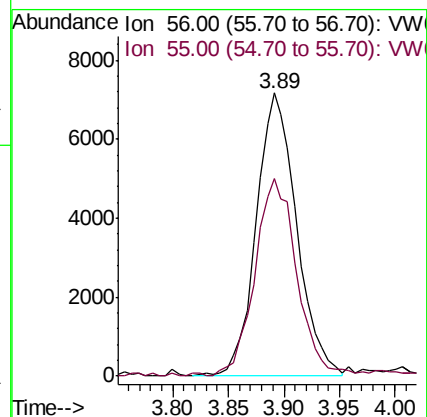
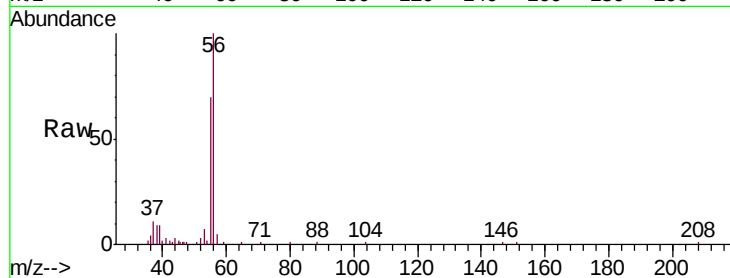
VSTDCCC050EC

Tgt Ion: 56 Resp: 18128

Ion Ratio Lower Upper

56 100

55 72.0 56.6 84.8



#14

Allyl chloride

Concen: 47.287 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

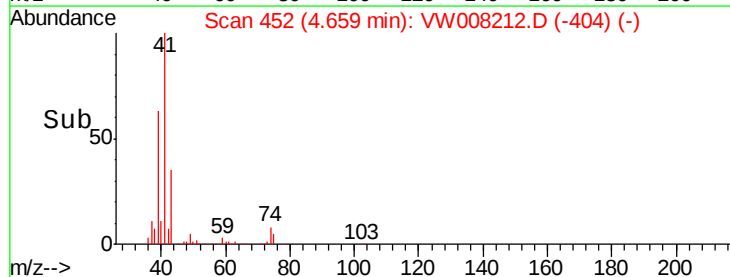
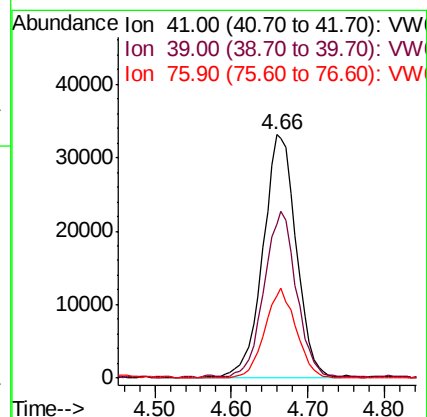
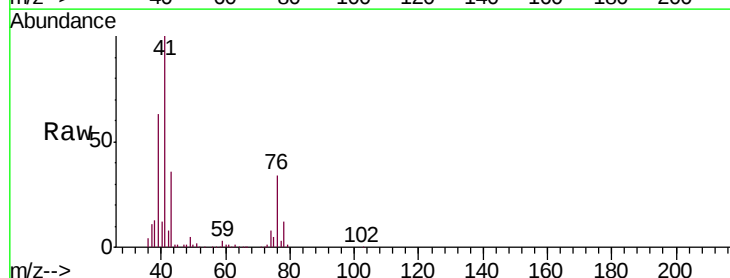
Tgt Ion: 41 Resp: 99789

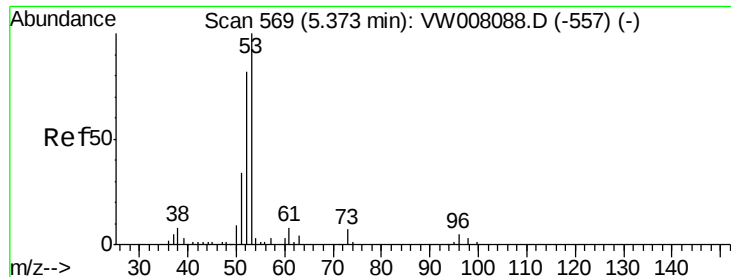
Ion Ratio Lower Upper

41 100

39 65.8 53.8 80.8

76 34.9 27.6 41.4





#15

Acrylonitrile

Concen: 259.304 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

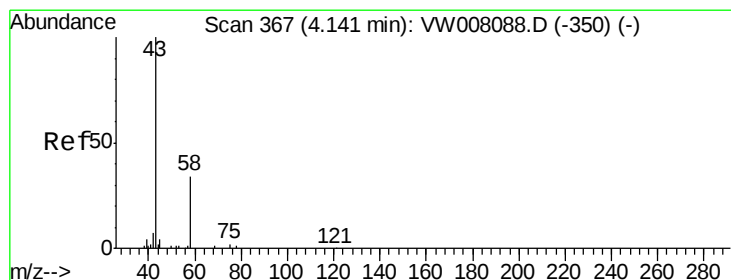
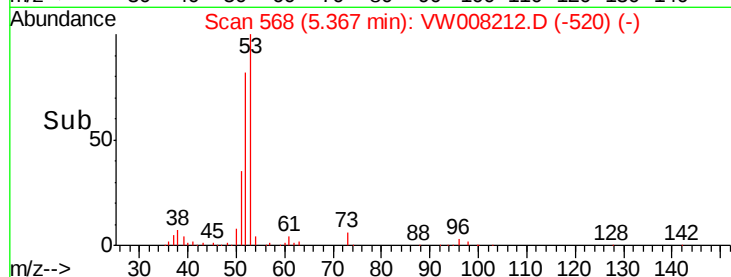
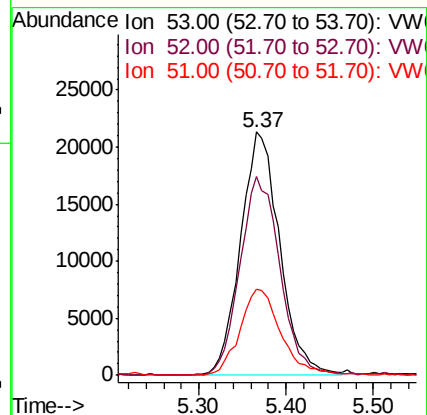
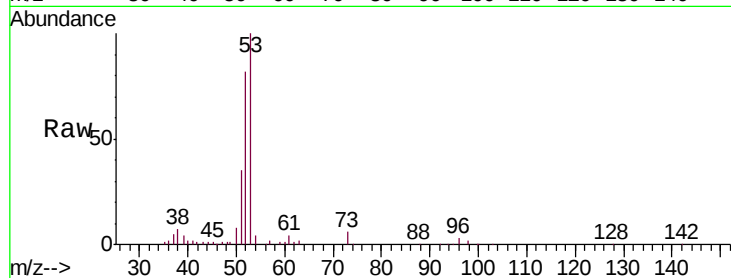
Tgt Ion: 53 Resp: 66546

Ion Ratio Lower Upper

53 100

52 83.7 66.8 100.2

51 37.3 29.7 44.5



#16

Acetone

Concen: 256.459 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008212.D

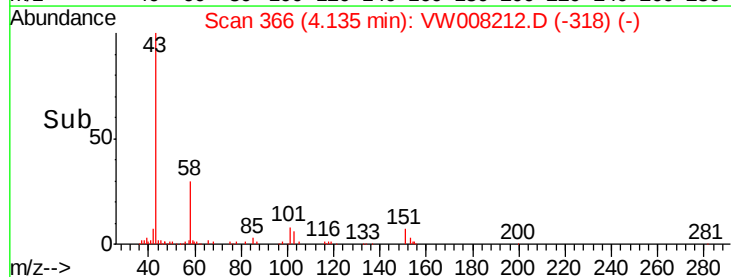
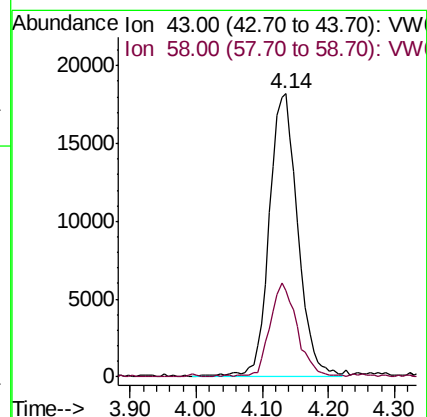
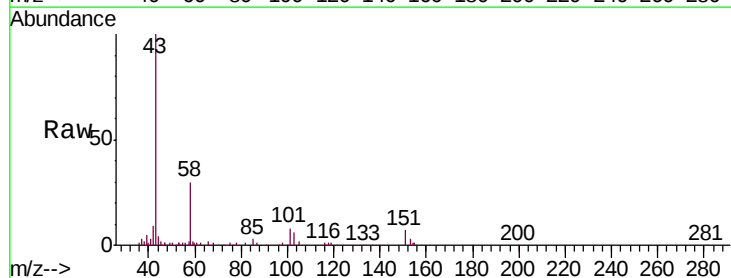
Acq: 11 Jan 2019 23:42

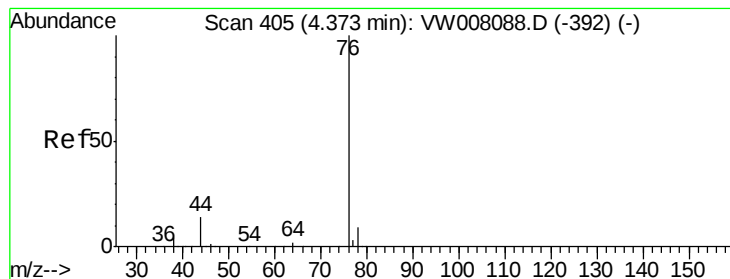
Tgt Ion: 43 Resp: 54872

Ion Ratio Lower Upper

43 100

58 29.9 27.5 41.3





#17

Carbon Disulfide

Concen: 47.228 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

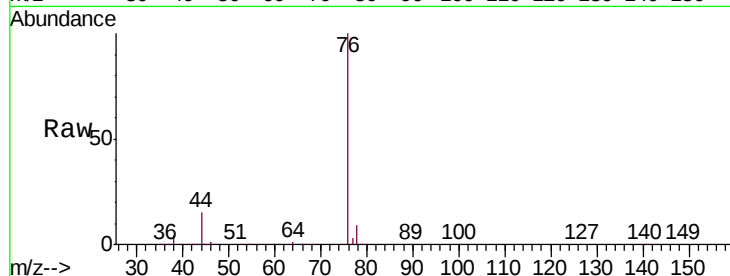
VSTDCCC050EC

Tgt Ion: 76 Resp: 171479

Ion Ratio Lower Upper

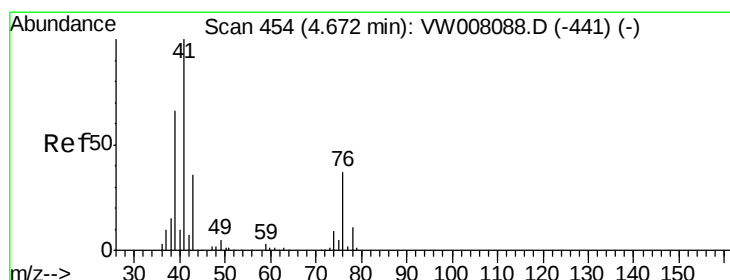
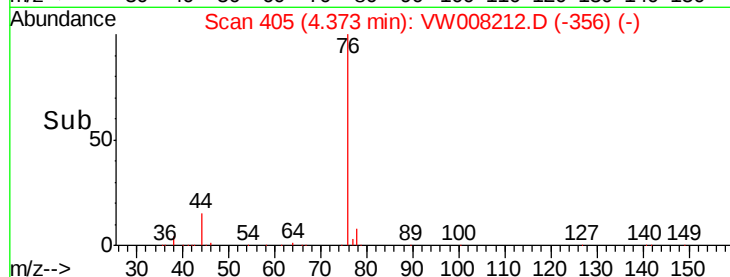
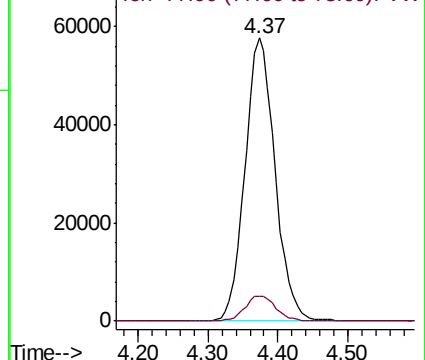
76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 57.691 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW008212.D

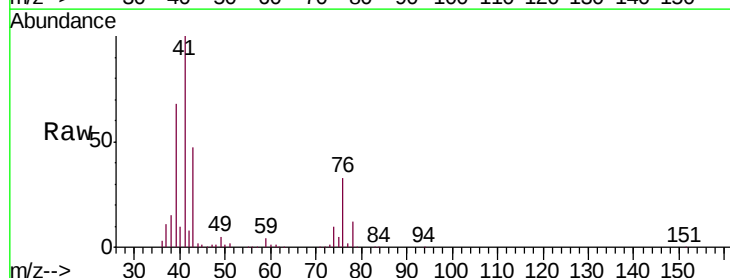
Acq: 11 Jan 2019 23:42

Tgt Ion: 43 Resp: 43495

Ion Ratio Lower Upper

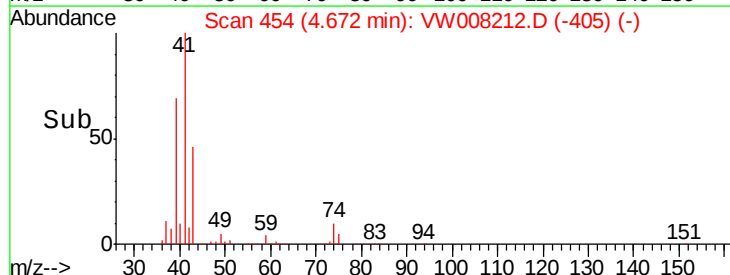
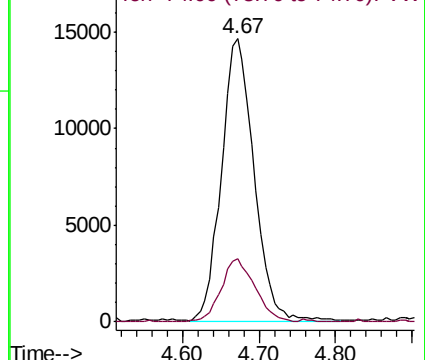
43 100

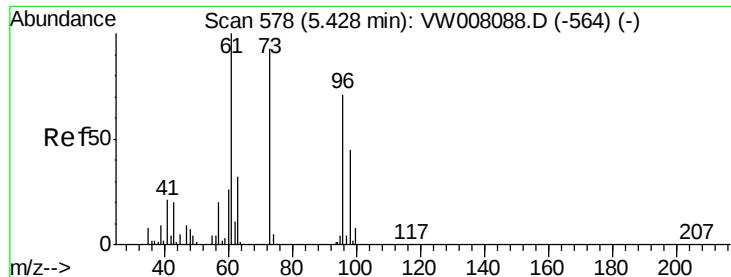
74 22.7 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

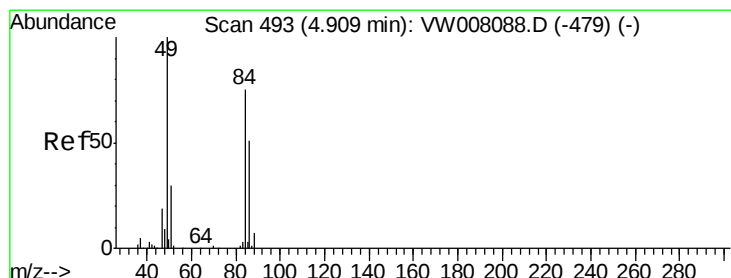
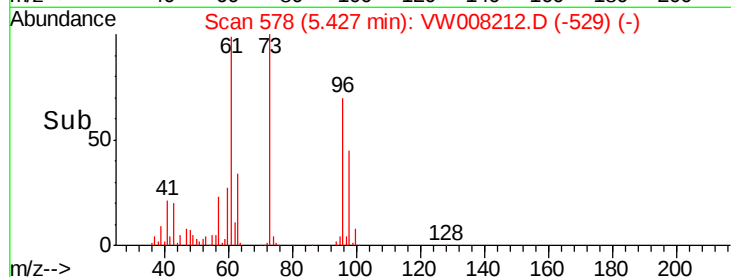
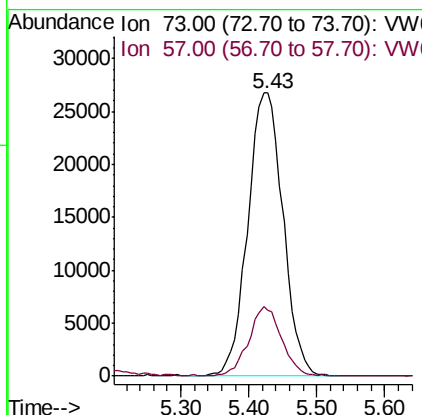
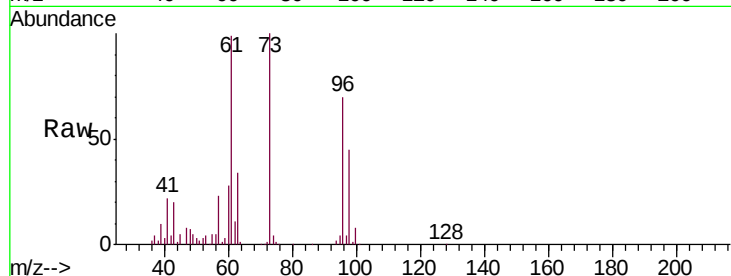




#19
Methyl tert-butyl Ether
Concen: 51.083 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

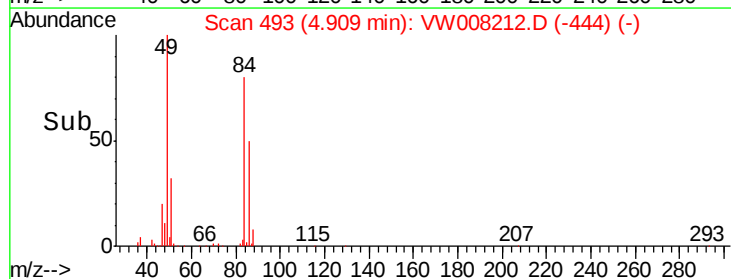
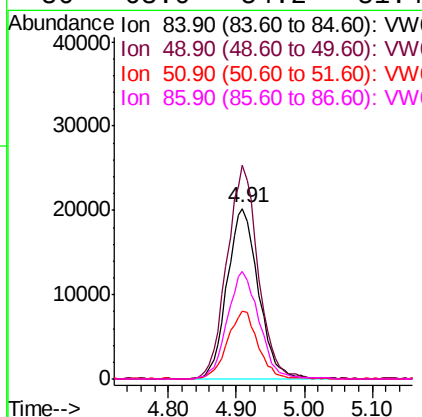
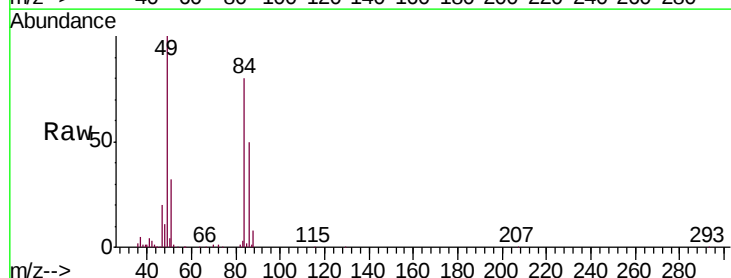
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

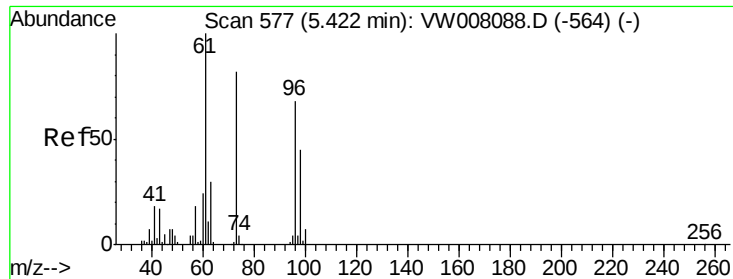
Tgt Ion: 73 Resp: 96525
Ion Ratio Lower Upper
73 100
57 23.1 16.7 25.1



#20
Methylene Chloride
Concen: 55.756 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion: 84 Resp: 64833
Ion Ratio Lower Upper
84 100
49 125.3 107.1 160.7
51 40.1 32.4 48.6
86 63.0 54.2 81.4

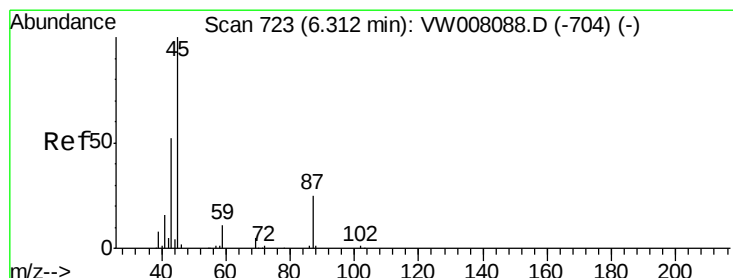
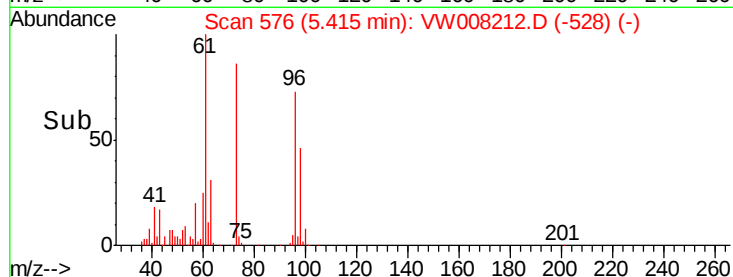
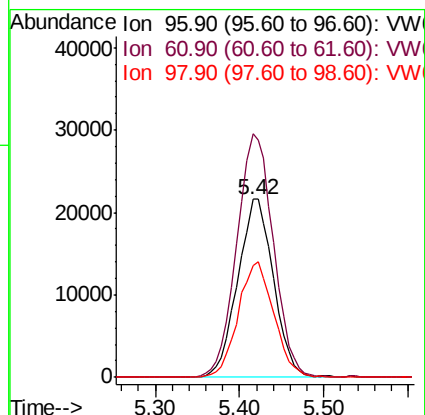
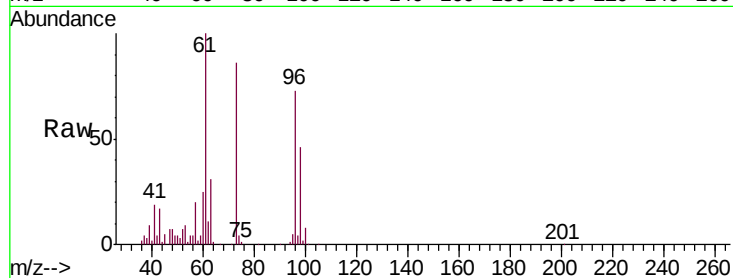




#21
trans-1,2-Dichloroethene
Concen: 49.297 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

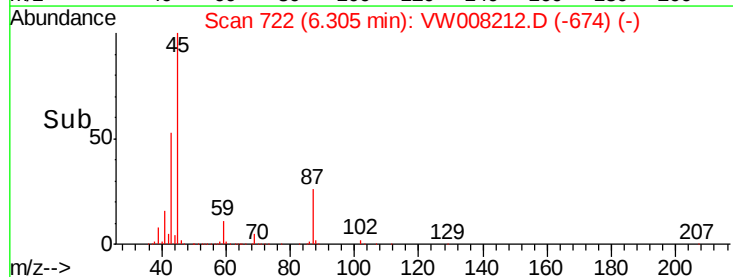
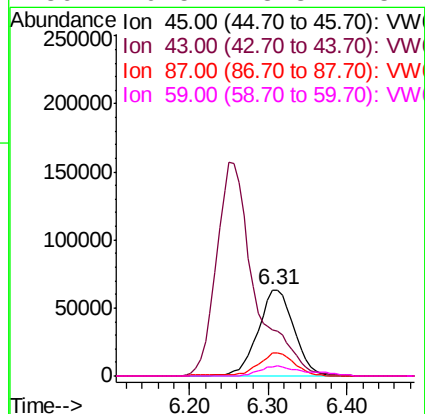
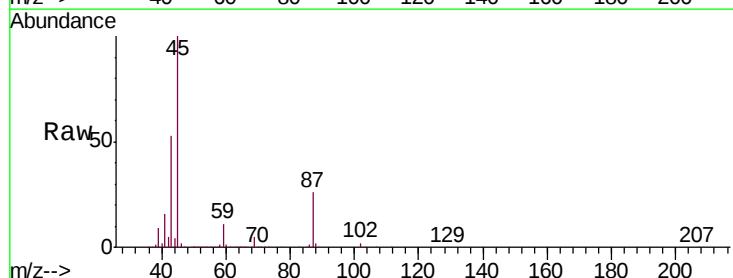
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

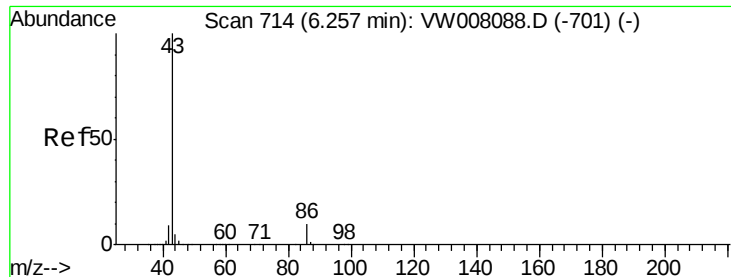
Tgt Ion: 96 Resp: 62266
Ion Ratio Lower Upper
96 100
61 136.3 117.4 176.0
98 62.5 52.2 78.4



#22
Diisopropyl ether
Concen: 49.820 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.01 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion: 45 Resp: 200508
Ion Ratio Lower Upper
45 100
43 52.1 41.7 62.5
87 26.3 20.1 30.1
59 10.5 8.8 13.2





#23

Vinyl Acetate

Concen: 250.061 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

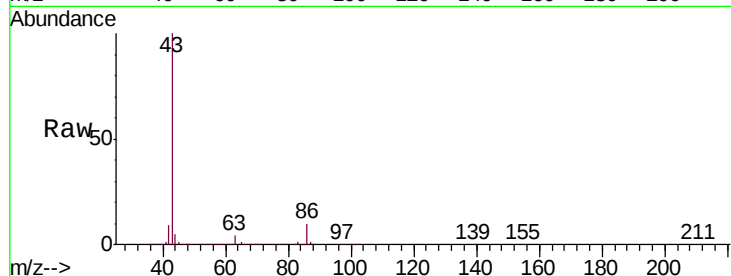
VSTDCCC050EC

Tgt Ion: 43 Resp: 528562

Ion Ratio Lower Upper

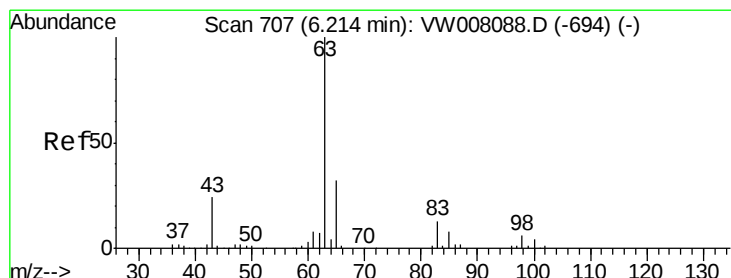
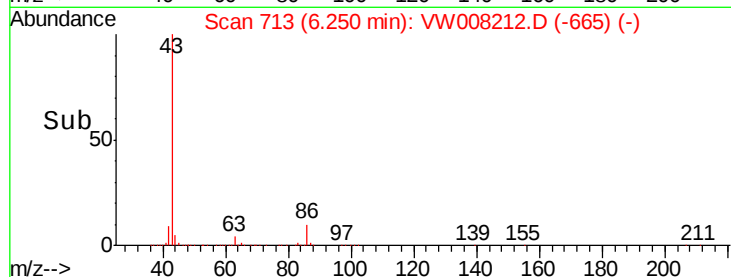
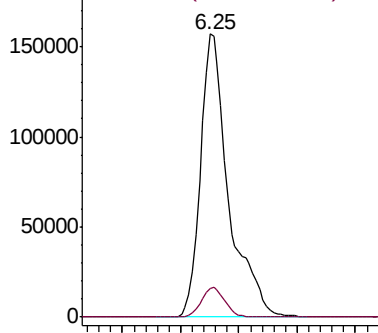
43 100

86 10.1 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 48.347 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

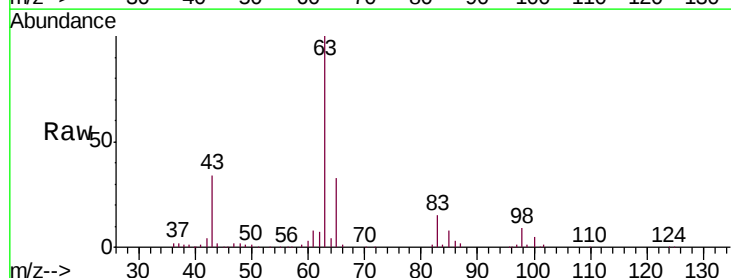
Tgt Ion: 63 Resp: 113373

Ion Ratio Lower Upper

63 100

98 8.6 3.2 9.6

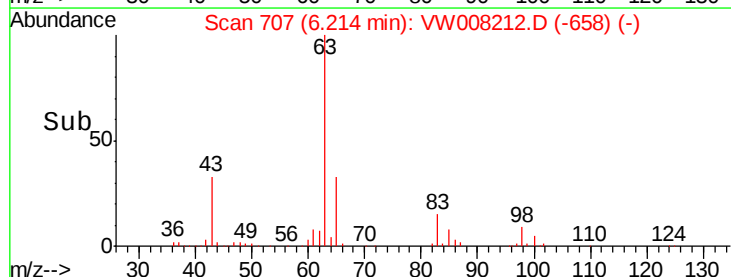
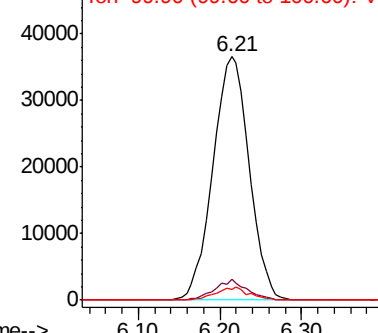
100 4.5 2.0 6.0

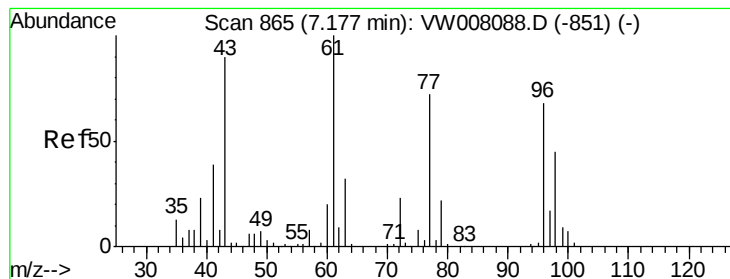


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 240.514 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

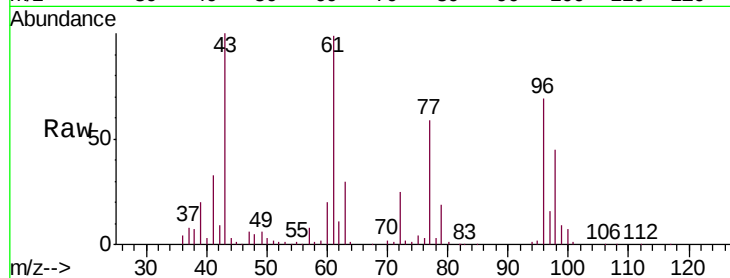
VSTDCCC050EC

Tgt Ion: 43 Resp: 79825

Ion Ratio Lower Upper

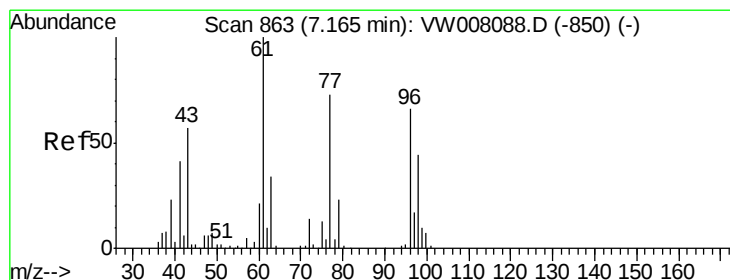
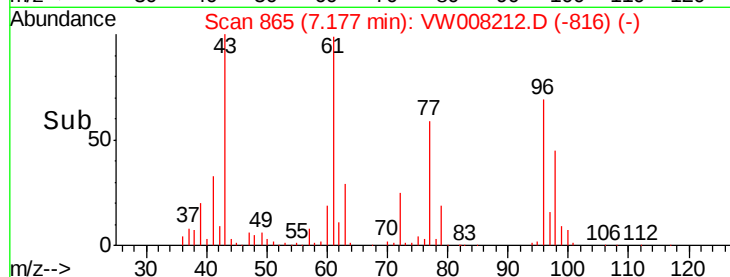
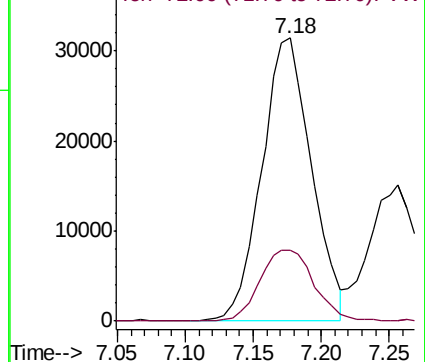
43 100

72 24.9 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 42.756 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008212.D

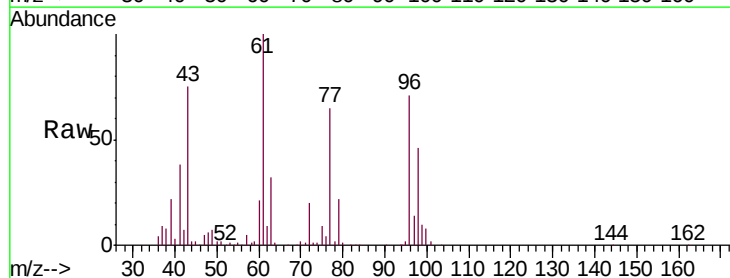
Acq: 11 Jan 2019 23:42

Tgt Ion: 77 Resp: 67935

Ion Ratio Lower Upper

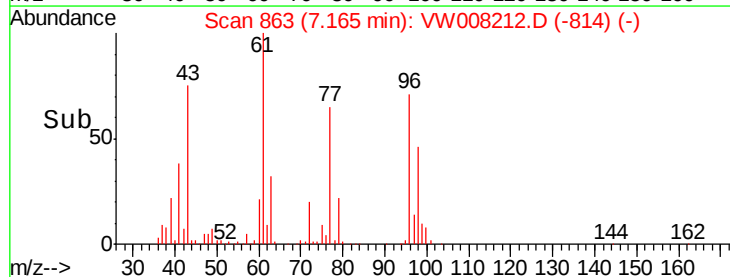
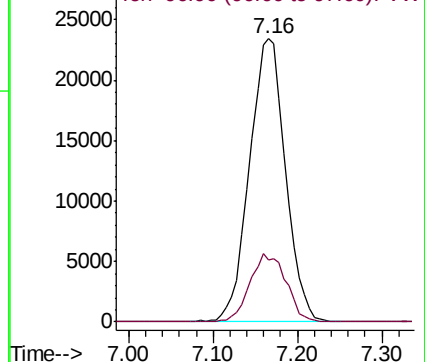
77 100

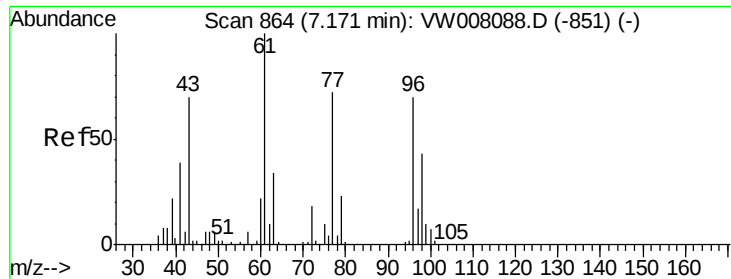
97 24.2 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



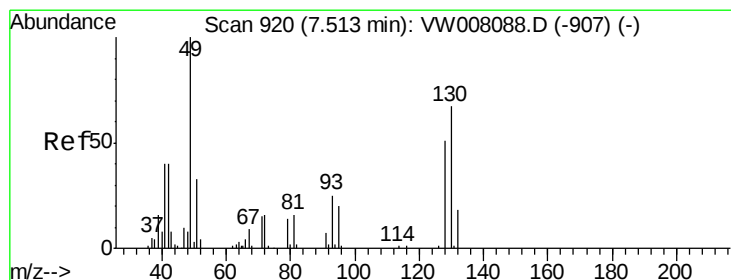
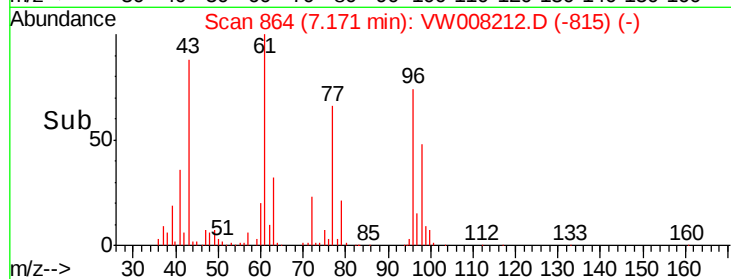
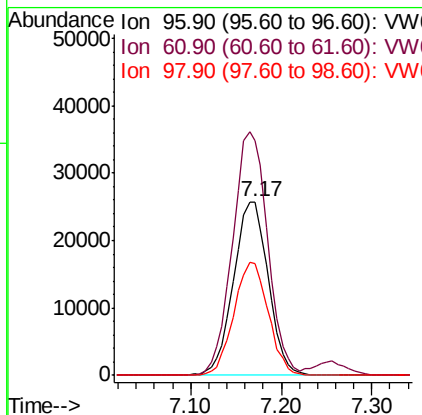
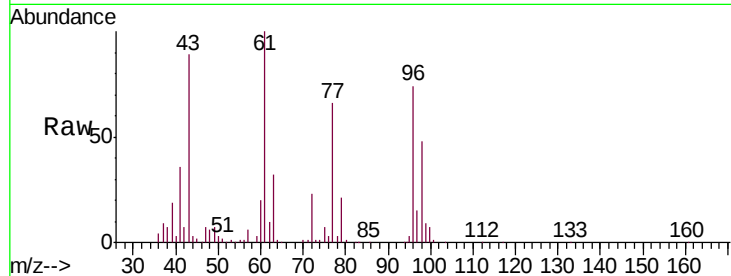


#27

cis-1,2-Dichloroethene
 Concen: 49.551 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

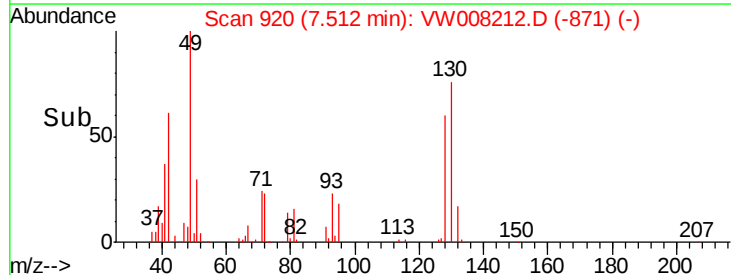
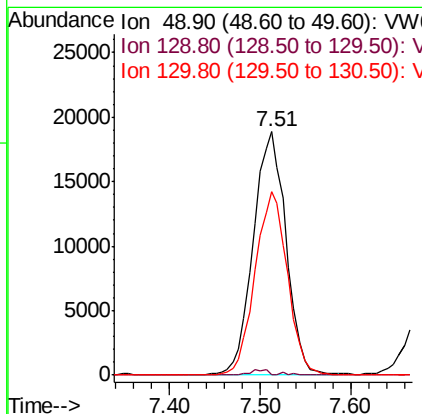
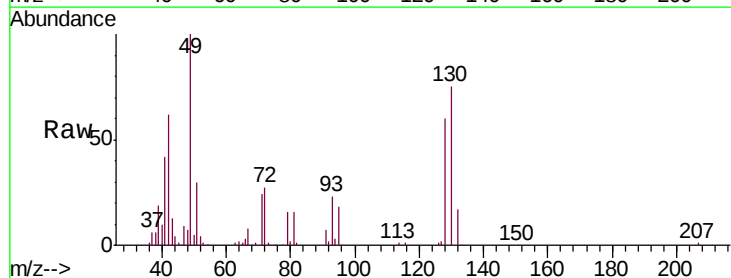
Tgt Ion: 96 Resp: 68286
 Ion Ratio Lower Upper
 96 100
 61 142.3 0.0 300.4
 98 64.9 0.0 128.4

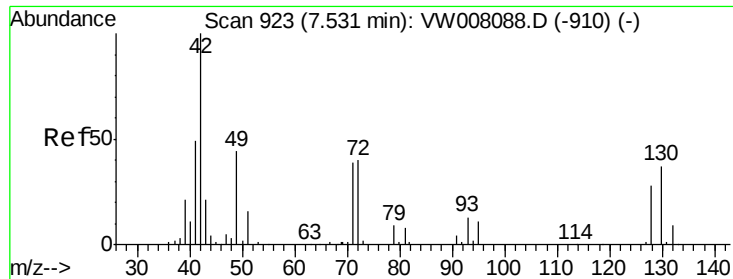


#28

Bromochloromethane
 Concen: 50.924 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion: 49 Resp: 47233
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 2.8
 130 74.2 54.3 81.5

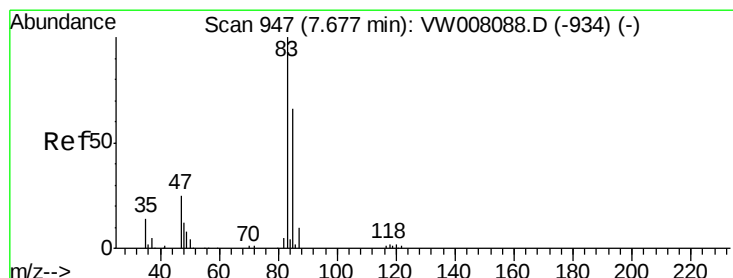
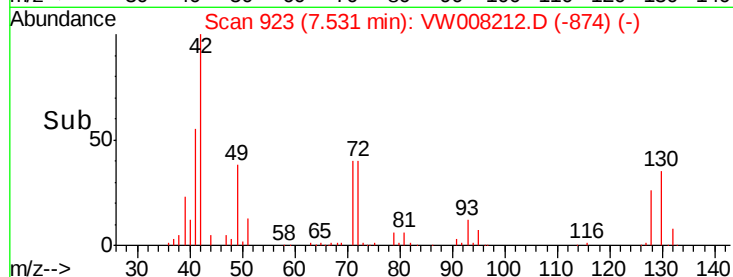
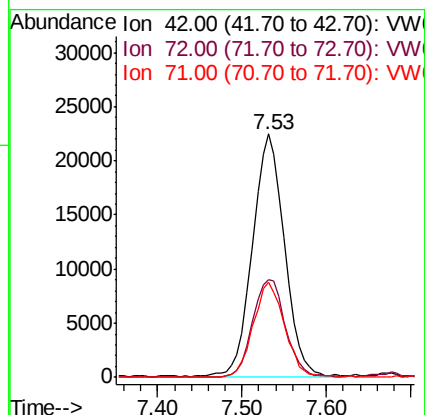
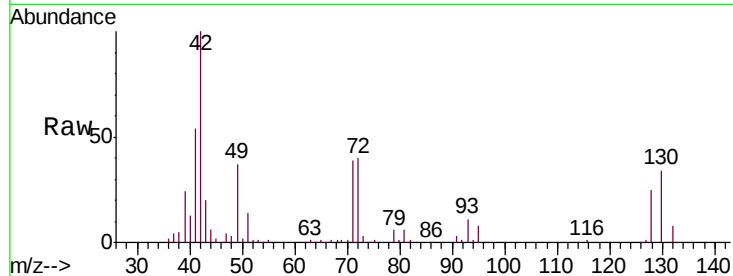




#29
Tetrahydrofuran
Concen: 259.987 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

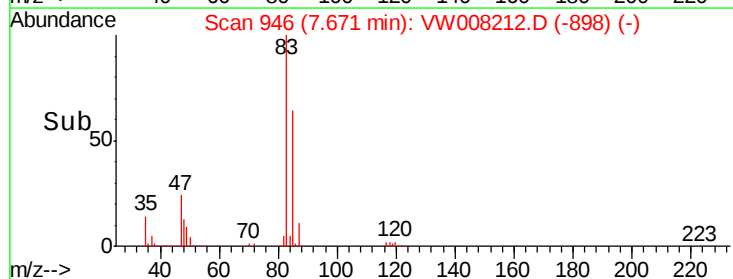
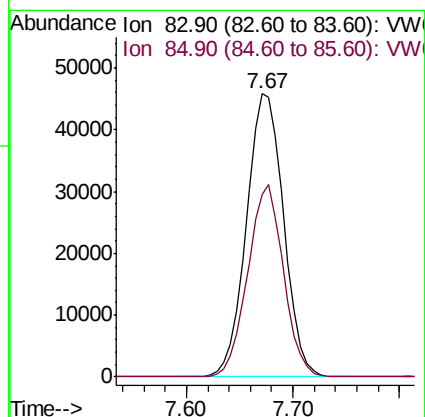
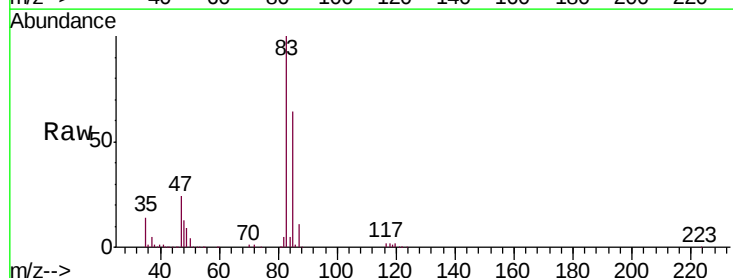
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

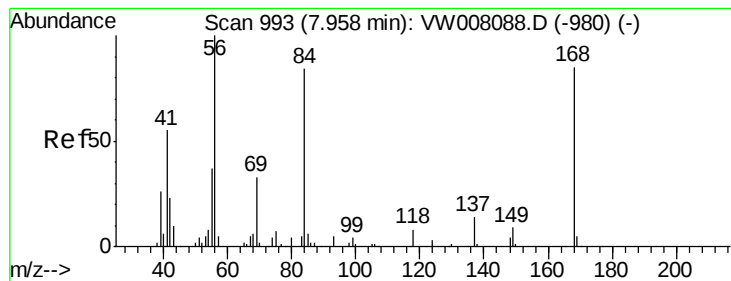
Tgt Ion: 42 Resp: 57639
Ion Ratio Lower Upper
42 100
72 41.7 32.4 48.6
71 38.8 31.3 46.9



#30
Chloroform
Concen: 50.290 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion: 83 Resp: 112252
Ion Ratio Lower Upper
83 100
85 64.5 53.2 79.8





#31

Cyclohexane

Concen: 40.735 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

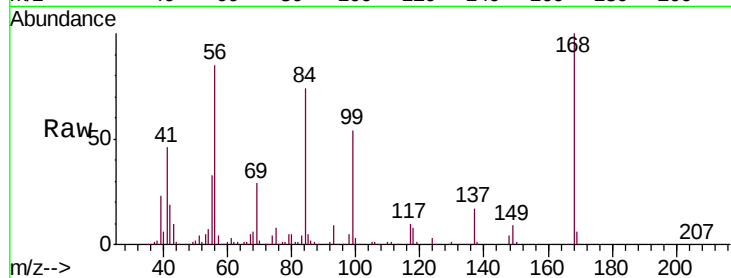
Tgt Ion: 56 Resp: 102260

Ion Ratio Lower Upper

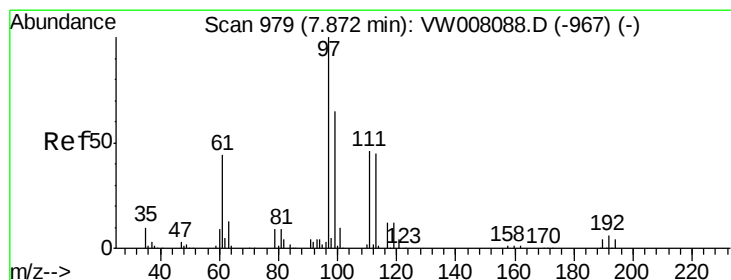
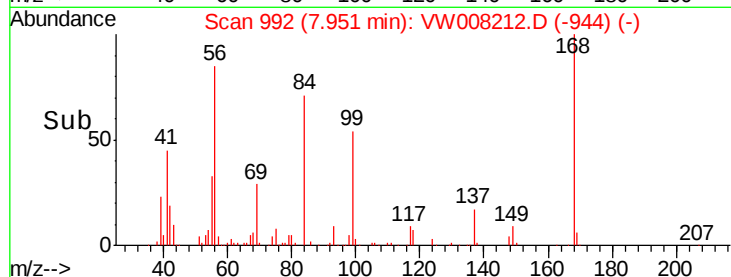
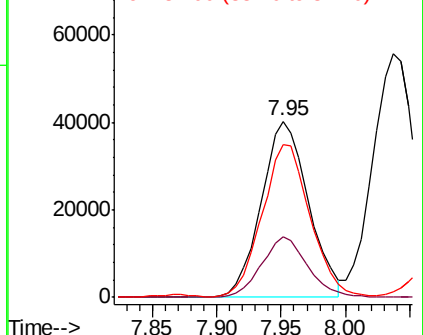
56 100

69 34.3 26.2 39.4

84 85.3 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: 48.356 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

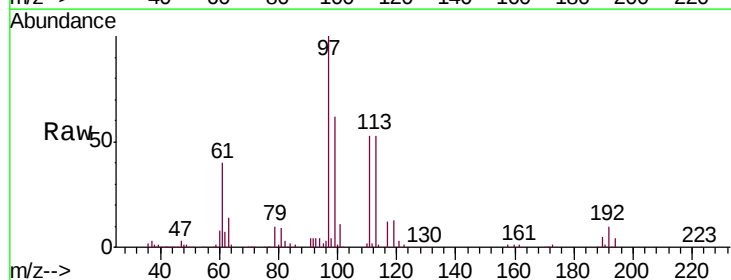
Tgt Ion: 97 Resp: 93916

Ion Ratio Lower Upper

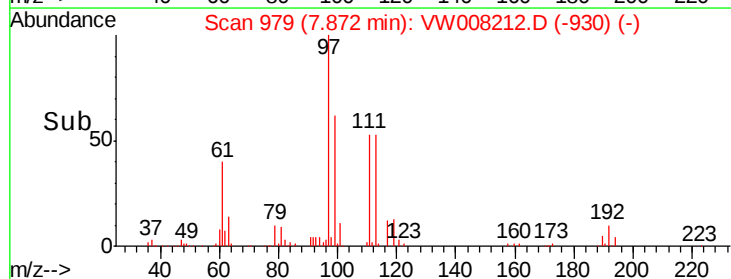
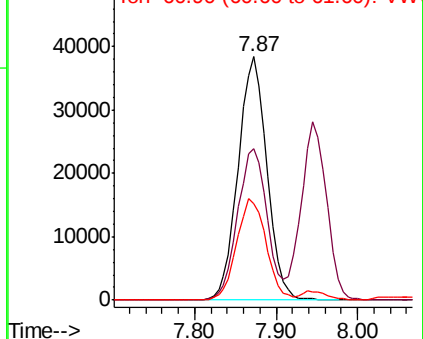
97 100

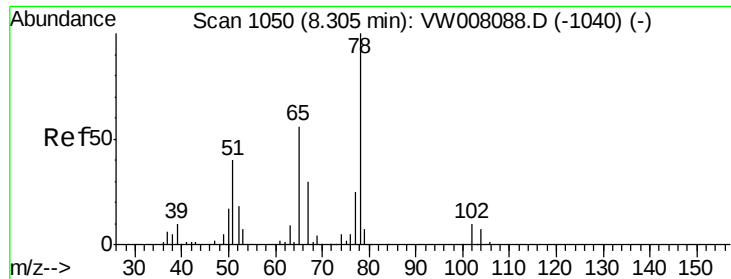
99 63.9 51.4 77.0

61 42.9 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

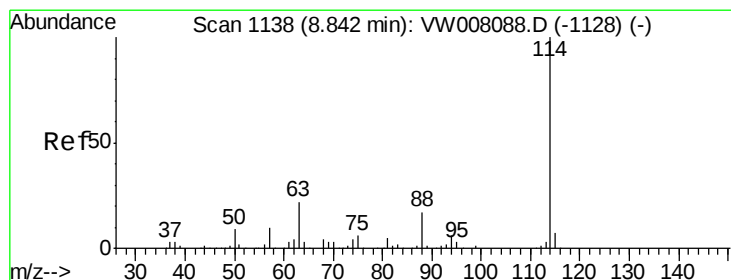
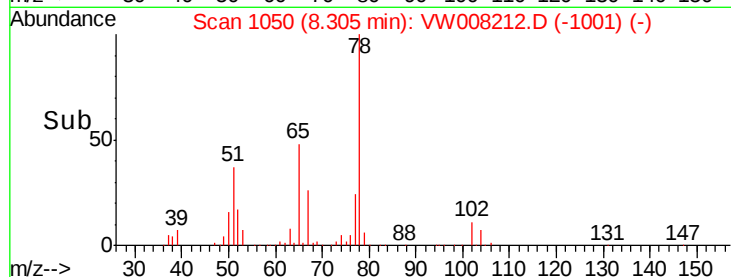
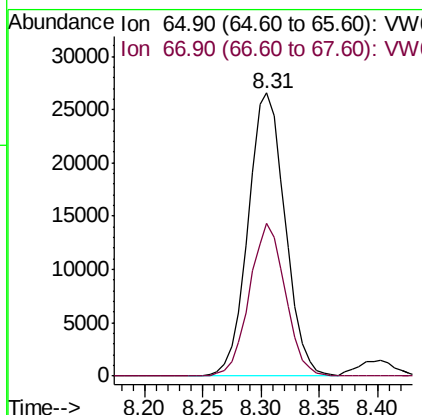
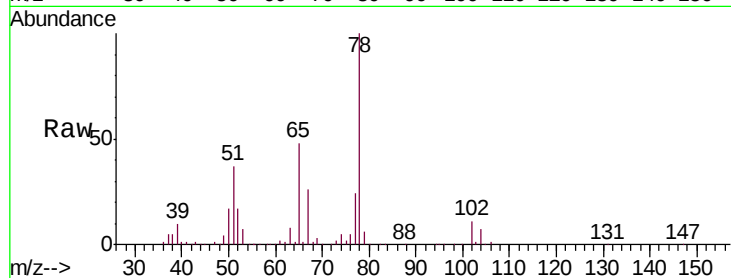




#33
 1,2-Dichloroethane-d4
 Concen: 49.314 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

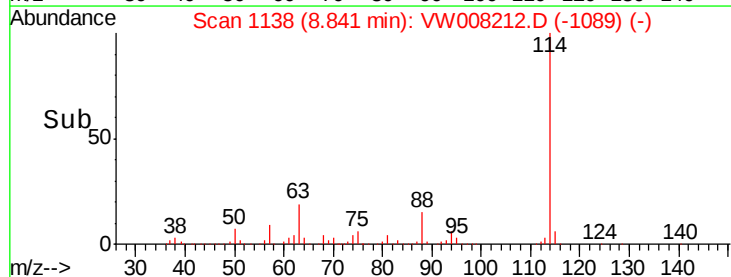
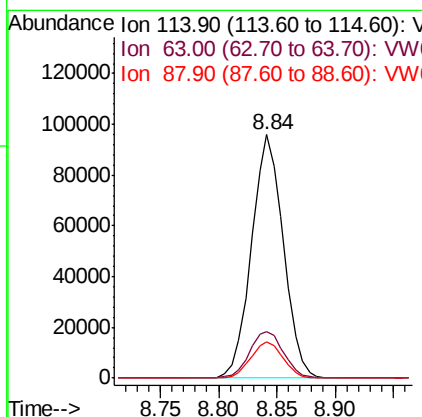
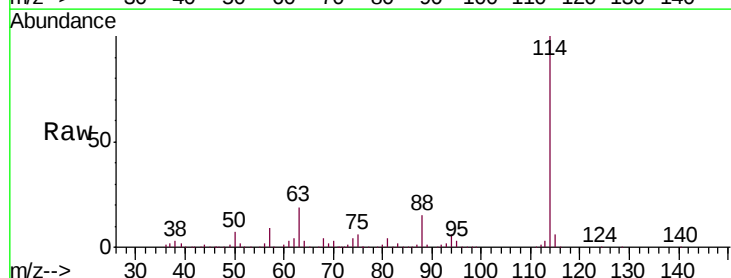
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

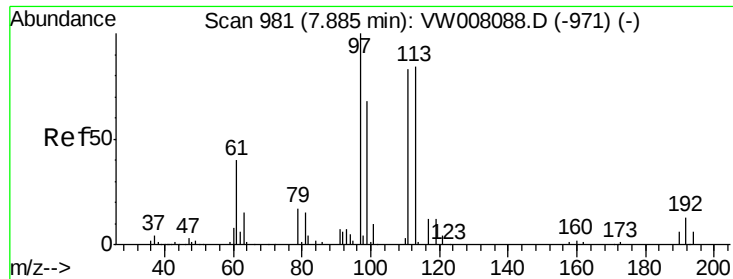
Tgt Ion: 65 Resp: 58825
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion: 114 Resp: 181869
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 43.4
 88 14.8 0.0 33.4

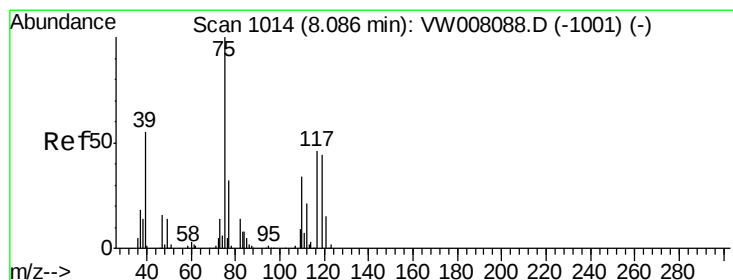
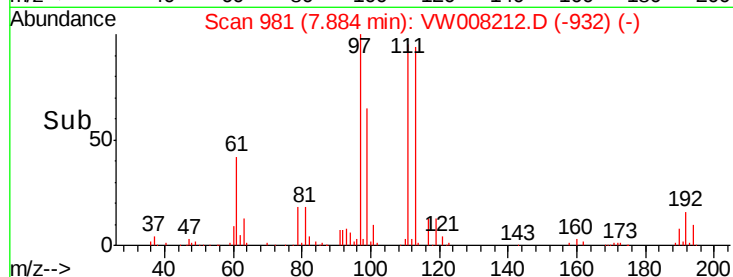
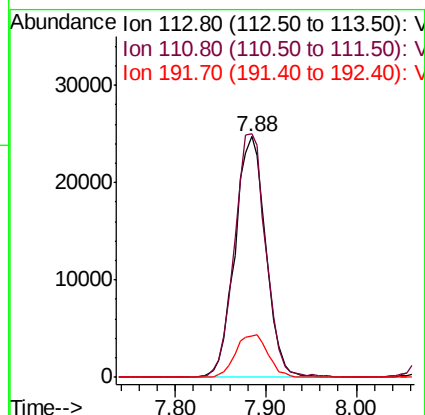
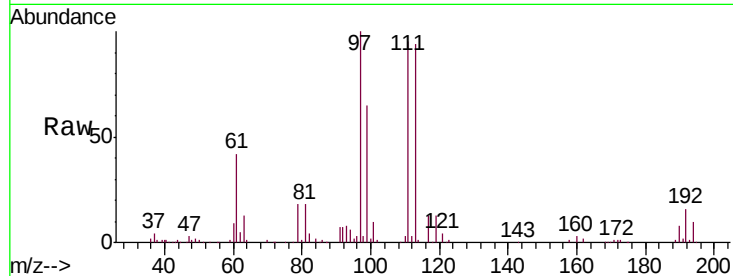




#35
 Dibromofluoromethane
 Concen: 54.853 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

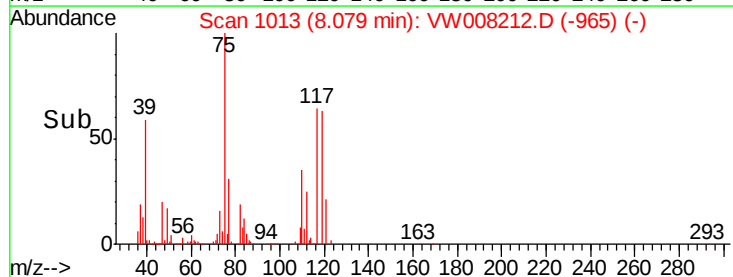
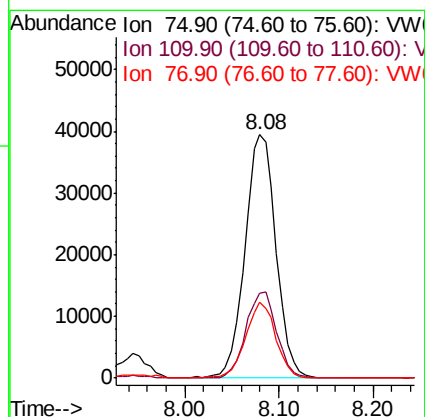
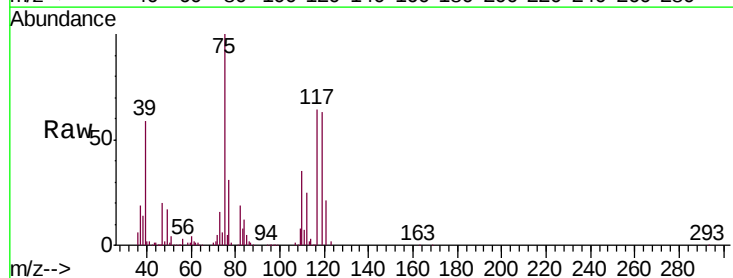
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

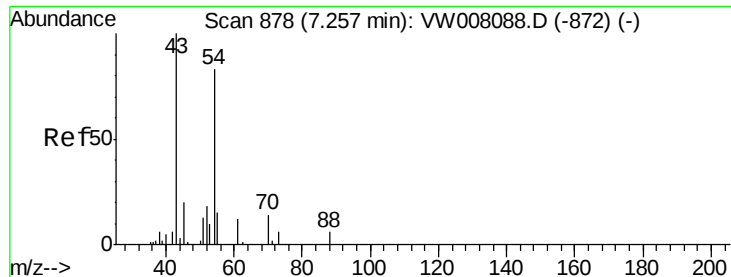
Tgt Ion:113 Resp: 58184
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.8
 192 18.8 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 48.491 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion: 75 Resp: 90845
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.1 51.3
 77 30.5 25.5 38.3





#37

Ethyl Acetate

Concen: 50.413 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

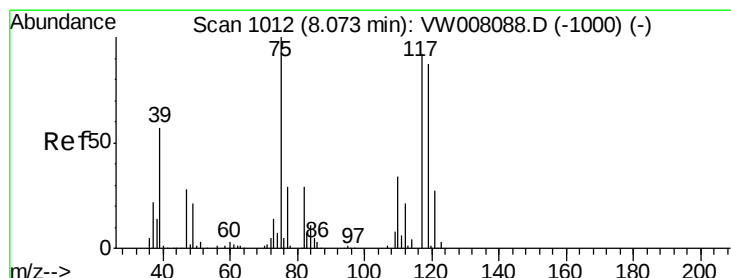
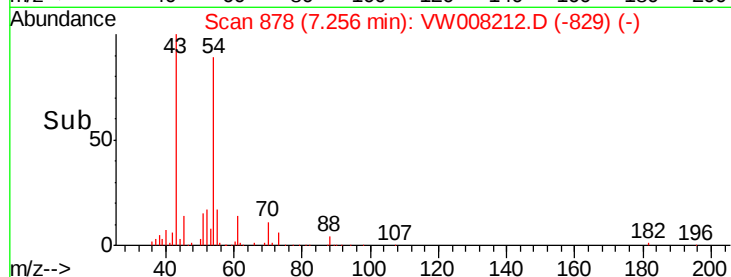
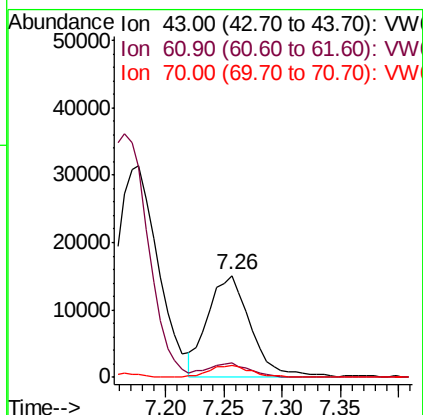
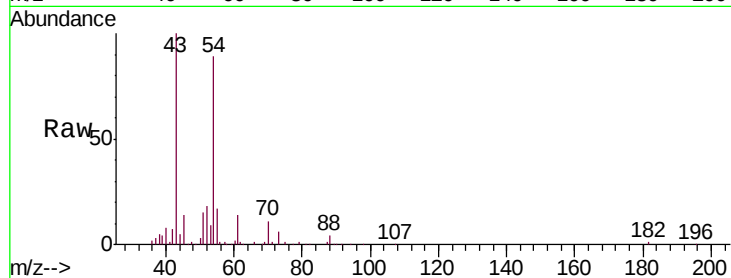
Tgt Ion: 43 Resp: 37838

Ion Ratio Lower Upper

43 100

61 12.1 10.6 16.0

70 11.3 8.9 13.3



#38

Carbon Tetrachloride

Concen: 48.913 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

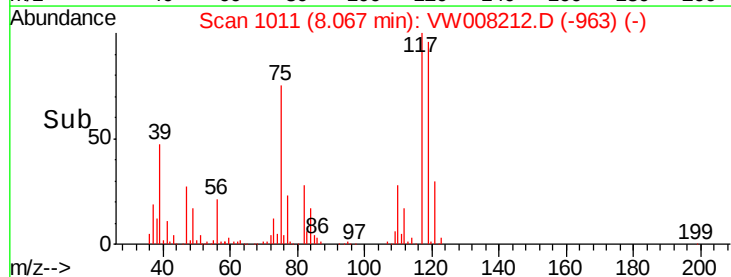
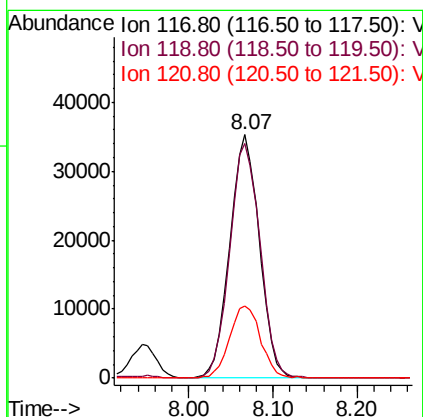
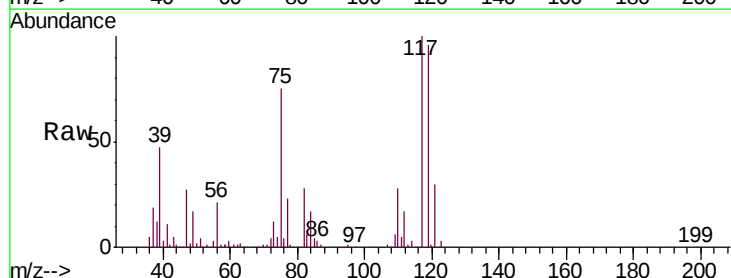
Tgt Ion: 117 Resp: 83872

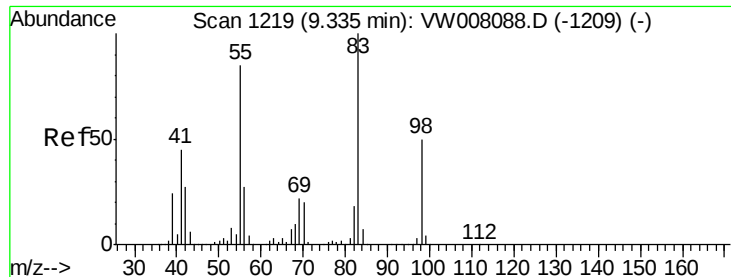
Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.8

121 29.5 23.7 35.5

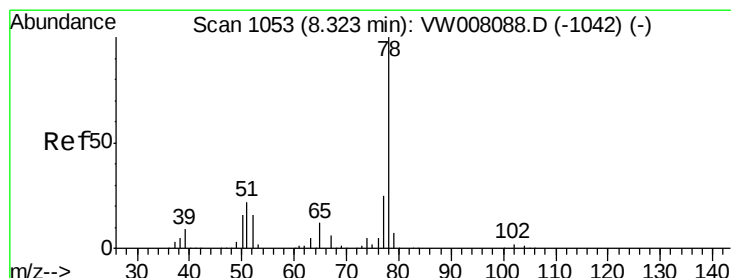
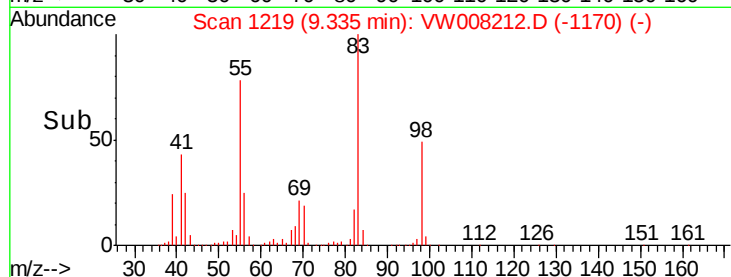
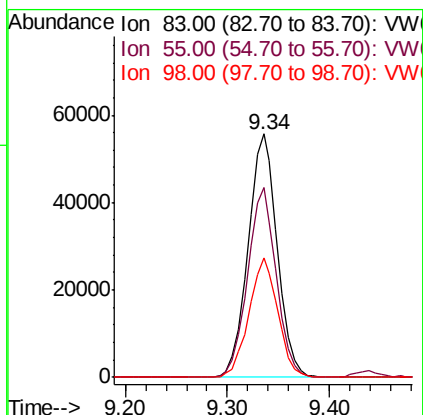
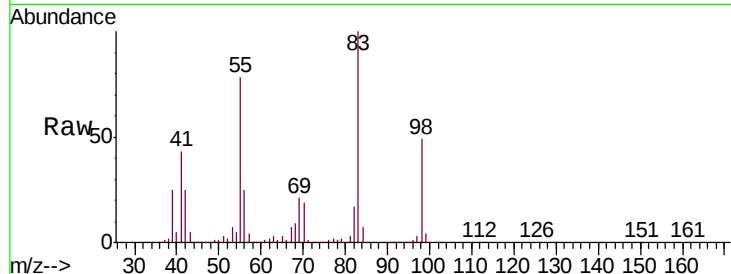




#39
Methylcyclohexane
Concen: 46.585 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

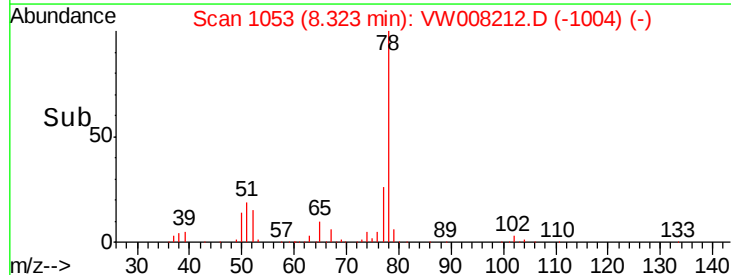
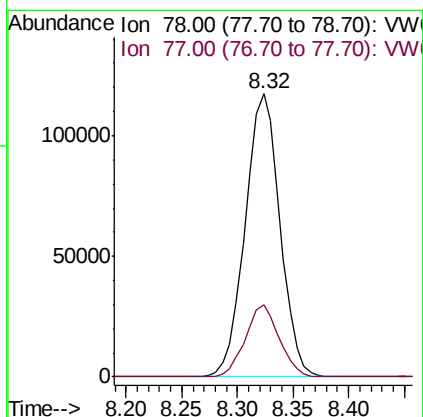
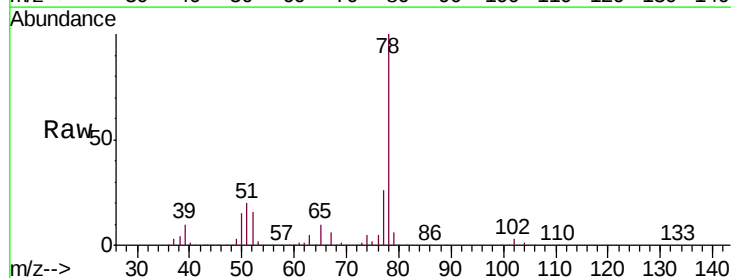
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

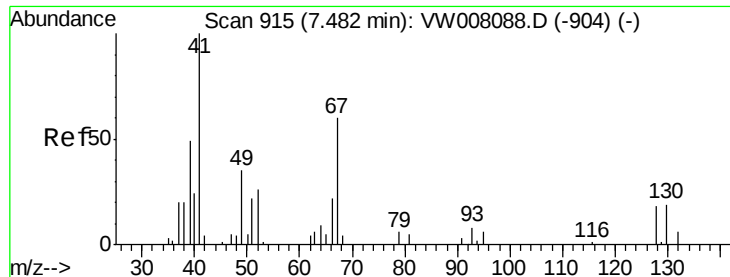
Tgt Ion: 83 Resp: 110661
Ion Ratio Lower Upper
83 100
55 77.9 67.8 101.6
98 48.9 40.2 60.4



#40
Benzene
Concen: 50.283 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion: 78 Resp: 255504
Ion Ratio Lower Upper
78 100
77 25.7 20.2 30.4





#41

Methacrylonitrile

Concen: 52.919 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 25090

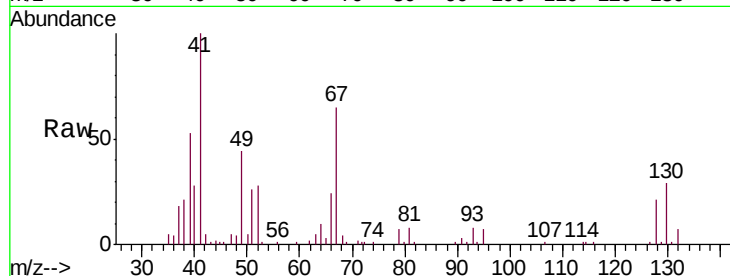
Ion Ratio Lower Upper

41 100

39 56.9 47.9 71.9

67 67.6 56.3 84.5

52 29.0 24.5 36.7

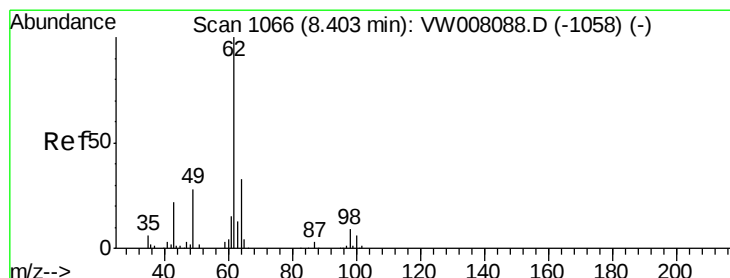
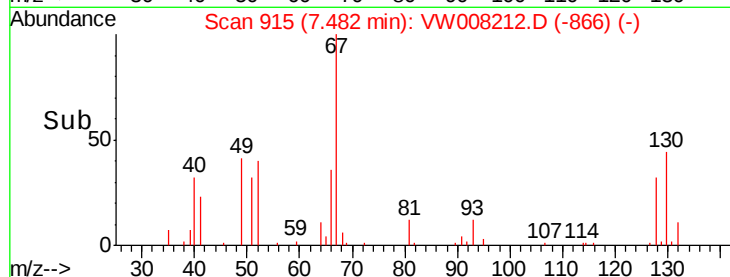
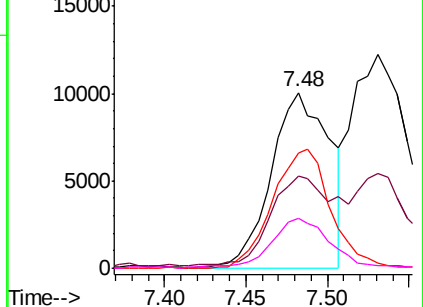


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 50.137 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW008212.D

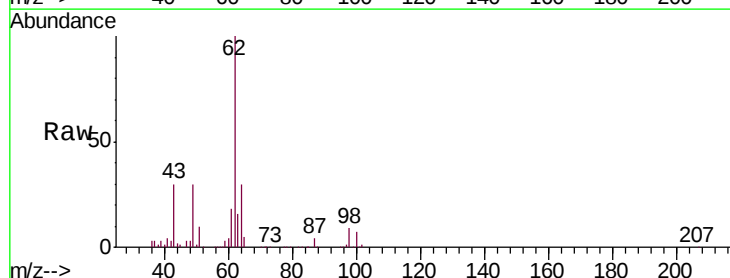
Acq: 11 Jan 2019 23:42

Tgt Ion: 62 Resp: 71653

Ion Ratio Lower Upper

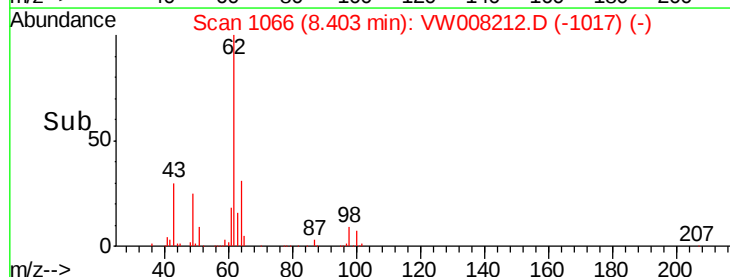
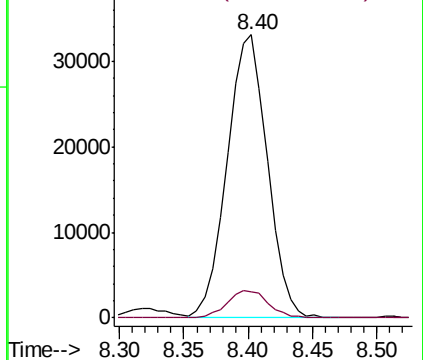
62 100

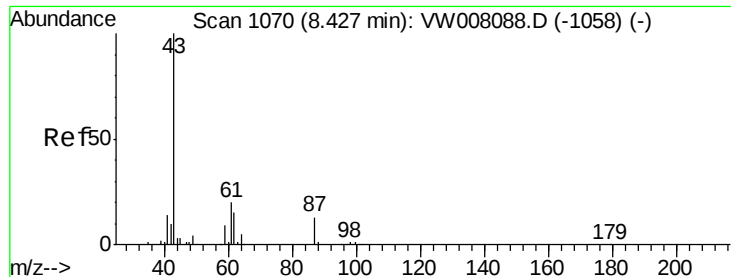
98 9.9 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

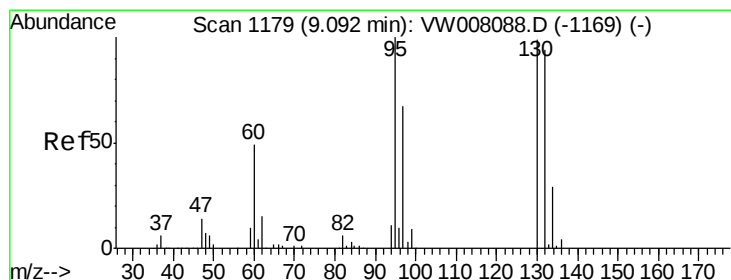
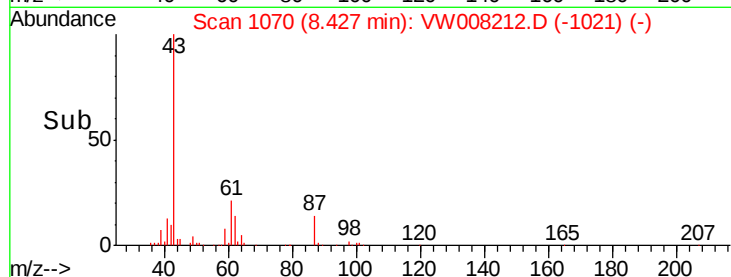
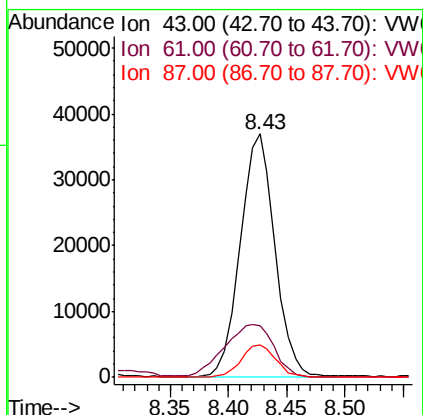
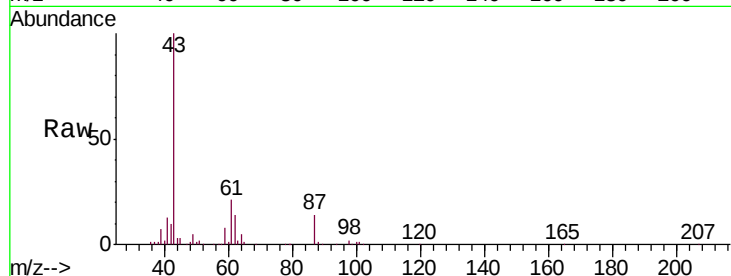




#43
Isopropyl Acetate
Concen: 50.709 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

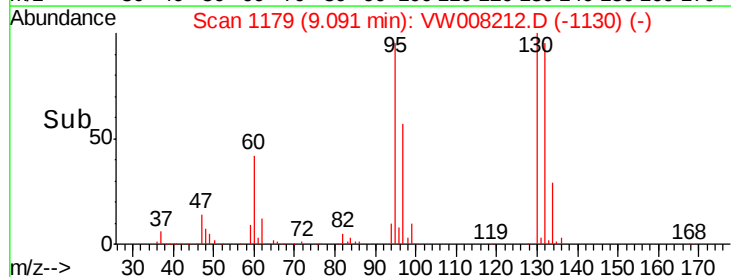
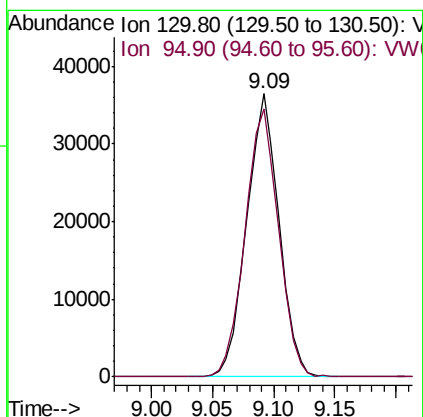
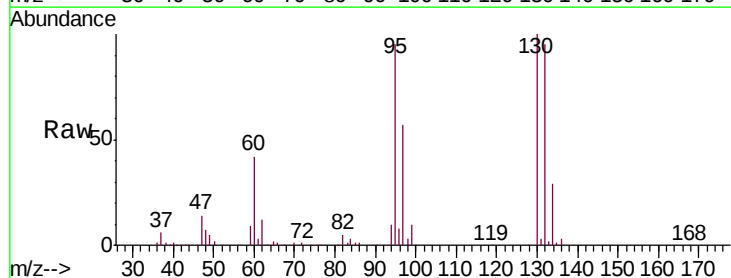
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

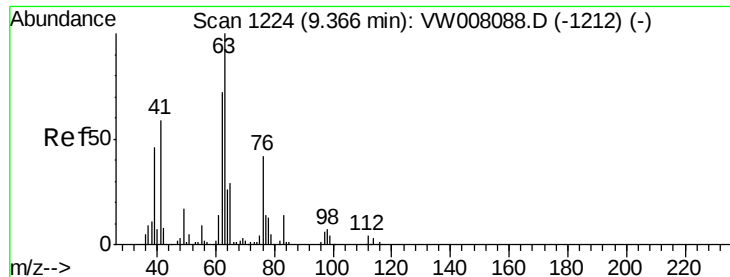
Tgt Ion: 43 Resp: 76097
Ion Ratio Lower Upper
43 100
61 31.3 24.8 37.2
87 13.6 10.4 15.6



#44
Trichloroethene
Concen: 51.703 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion: 130 Resp: 67252
Ion Ratio Lower Upper
130 100
95 94.8 0.0 202.8





#45

1,2-Dichloropropane

Concen: 50.805 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

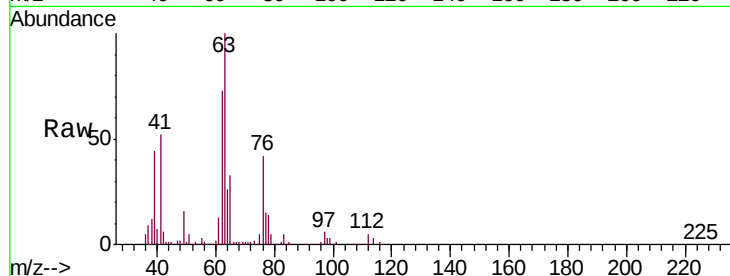
VSTDCCC050EC

Tgt Ion: 63 Resp: 64011

Ion Ratio Lower Upper

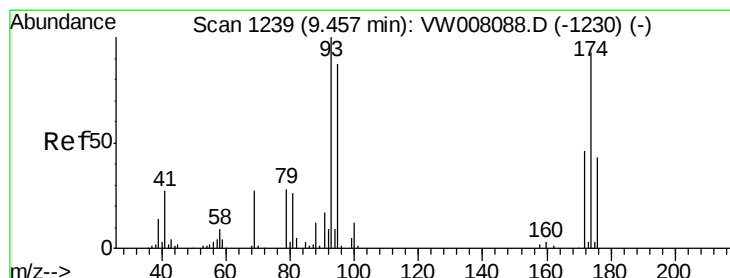
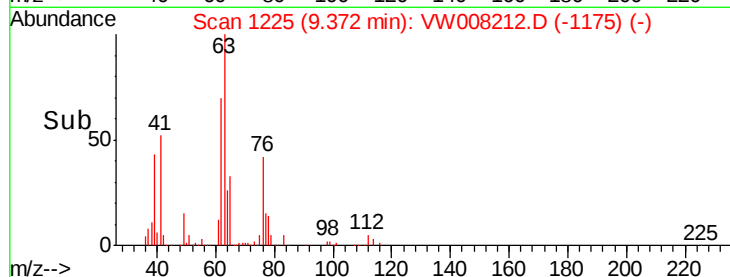
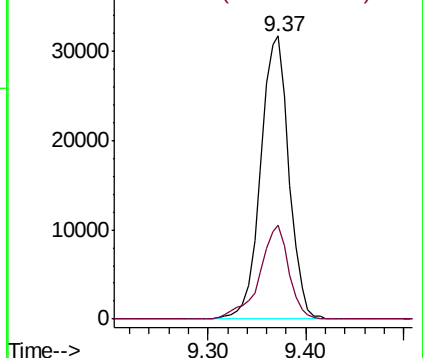
63 100

65 33.1 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 53.263 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

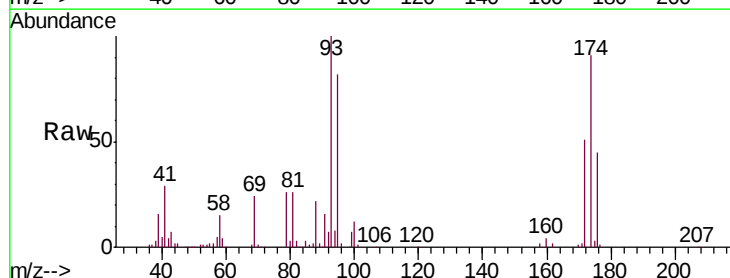
Tgt Ion: 93 Resp: 32957

Ion Ratio Lower Upper

93 100

95 83.9 67.5 101.3

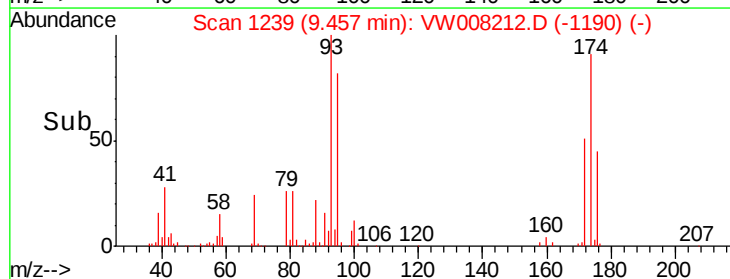
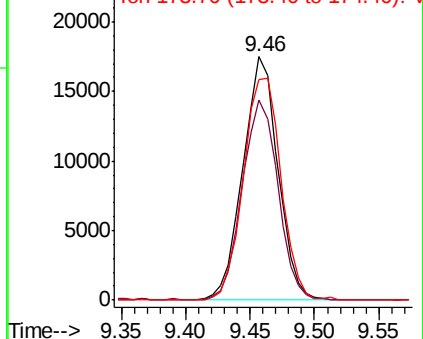
174 97.9 72.5 108.7

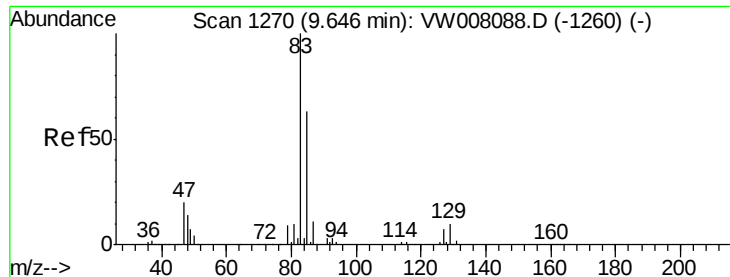


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.159 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

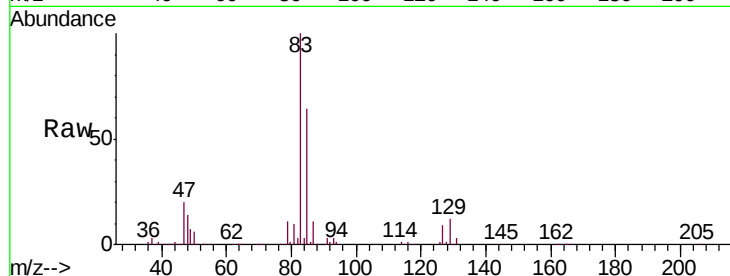
Tgt Ion: 83 Resp: 81950

Ion Ratio Lower Upper

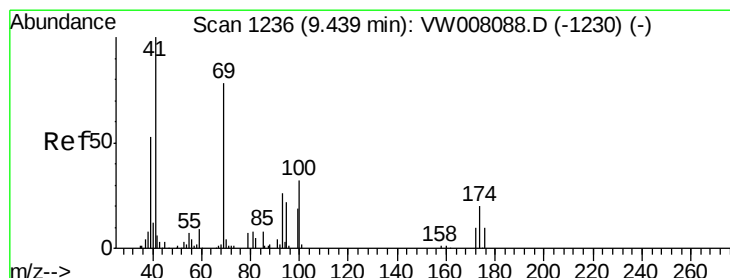
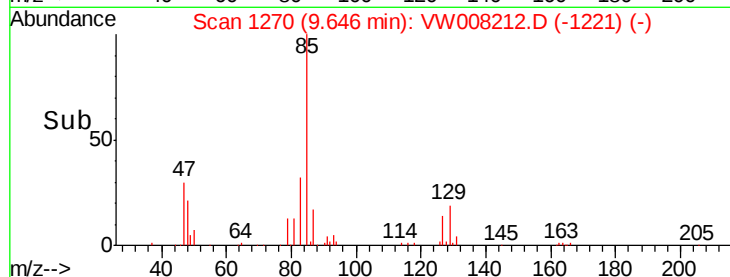
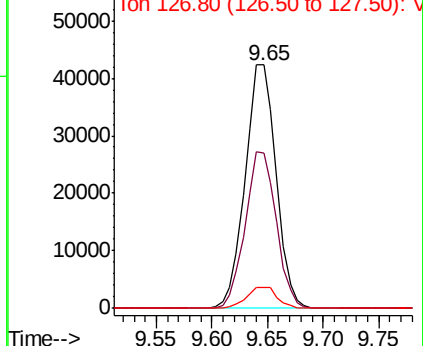
83 100

85 63.7 50.7 76.1

127 8.7 6.0 9.0



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



#48

Methyl methacrylate

Concen: 50.483 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

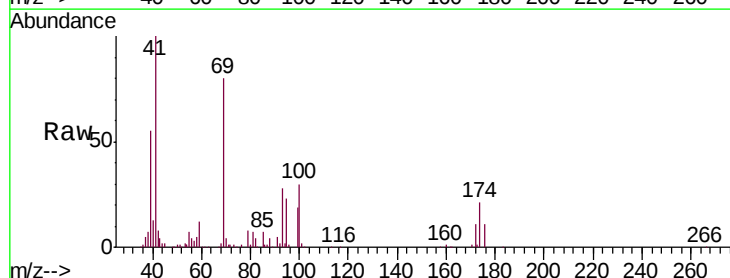
Tgt Ion: 41 Resp: 35747

Ion Ratio Lower Upper

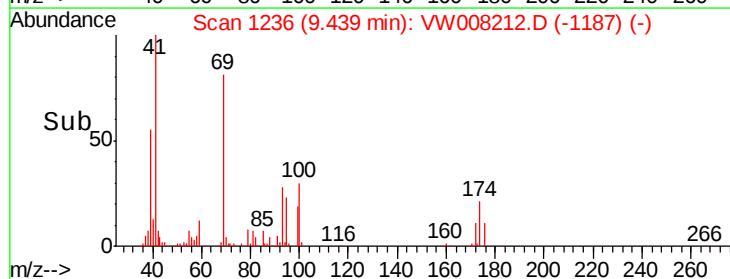
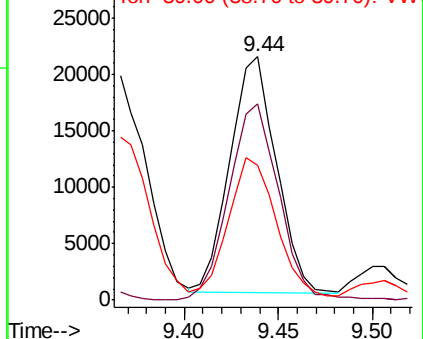
41 100

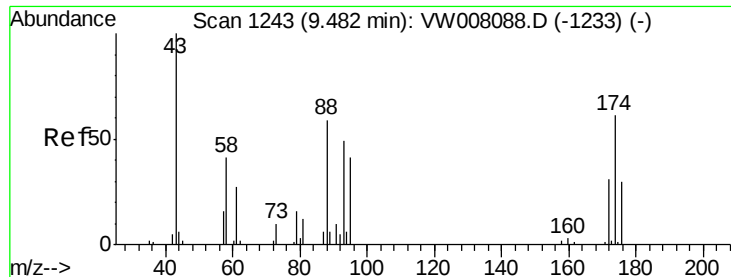
69 90.1 61.9 92.9

39 59.6 43.0 64.4



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

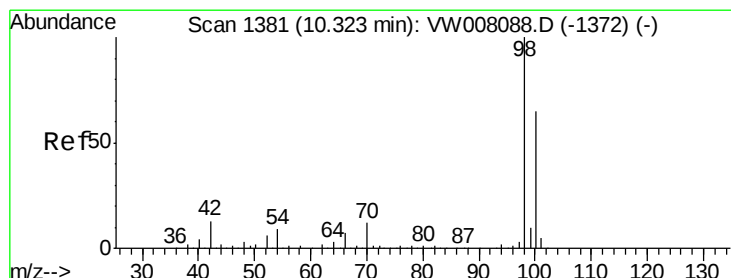
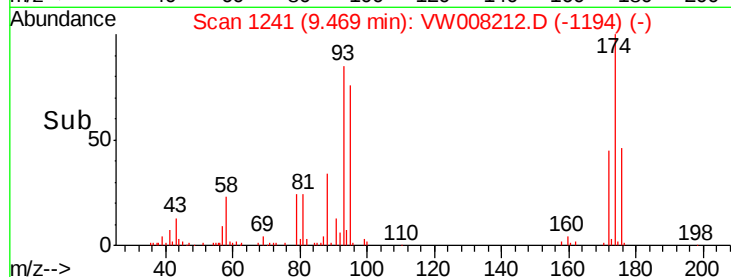
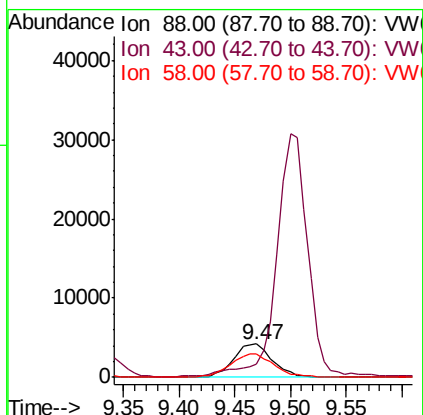
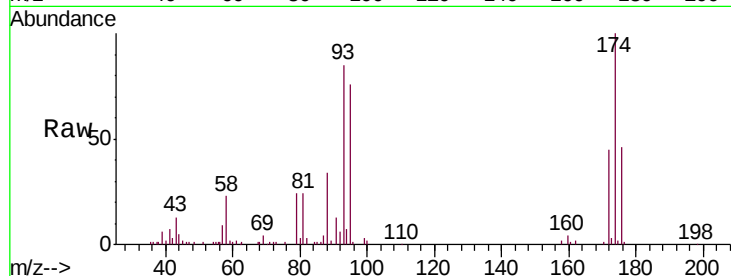




#49
1,4-Dioxane
Concen: 1040.213 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

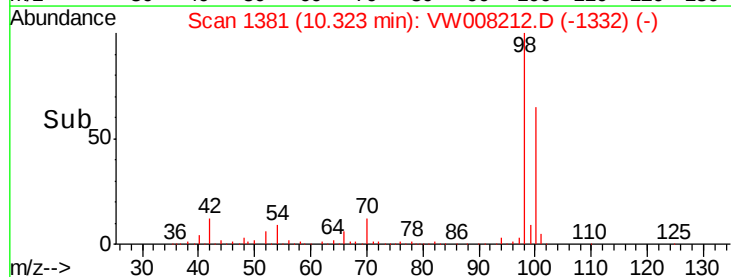
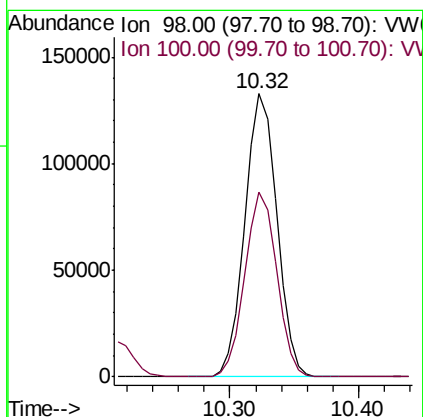
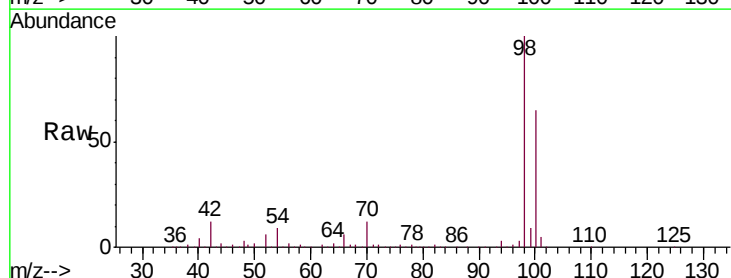
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

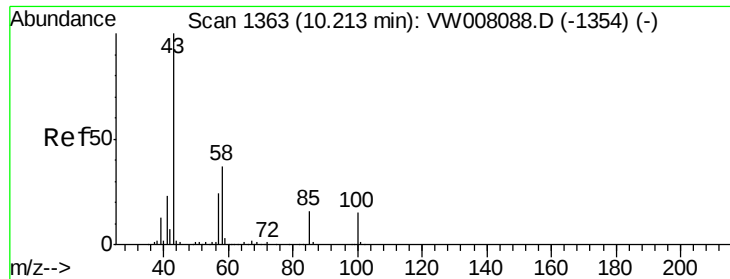
Tgt Ion: 88 Resp: 10351
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 77.5 61.7 92.5



#50
Toluene-d8
Concen: 51.251 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion: 98 Resp: 228131
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5

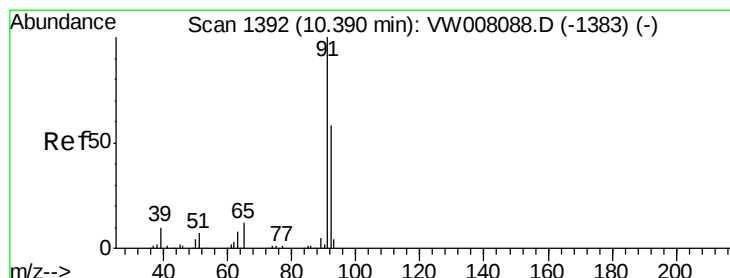
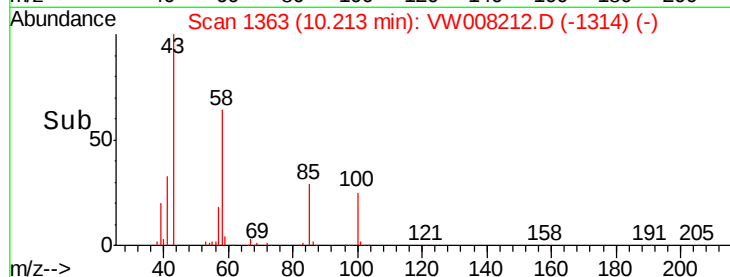
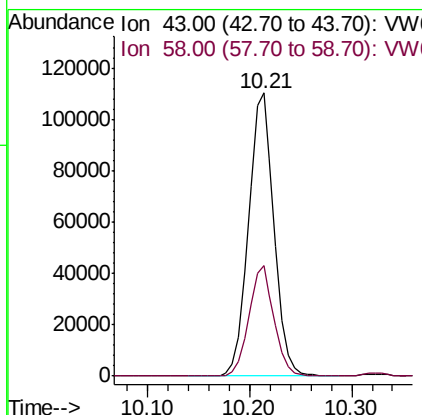
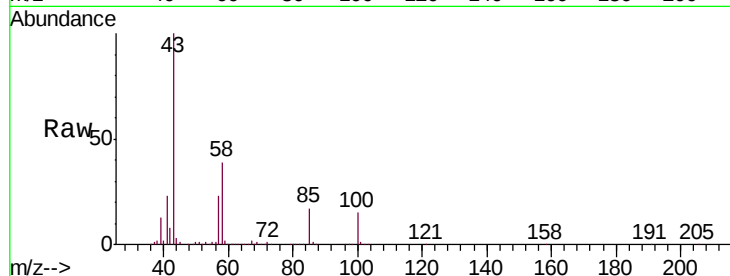




#51
 4-Methyl-2-Pentanone
 Concen: 263.962 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

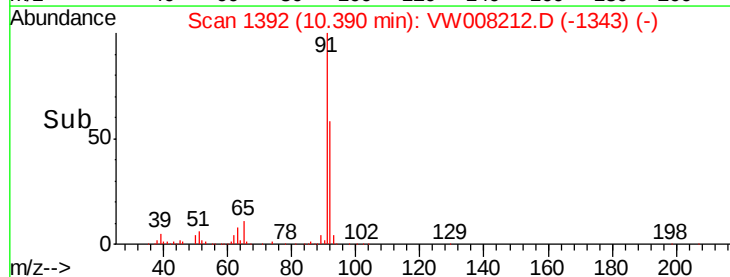
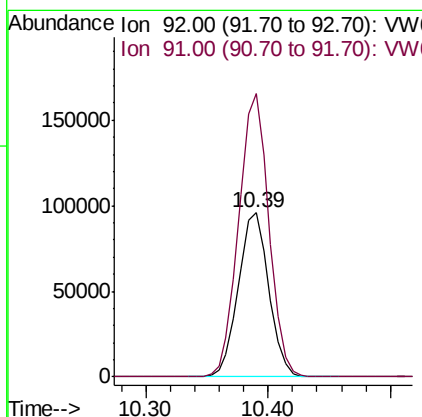
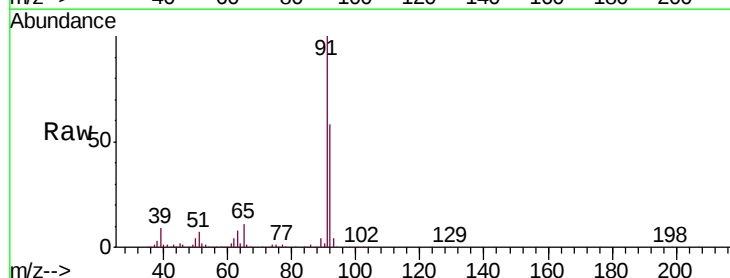
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

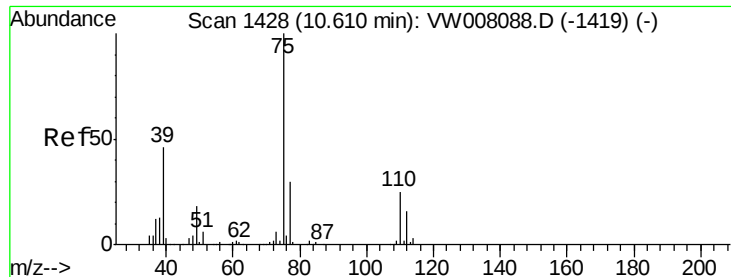
Tgt Ion: 43 Resp: 191741
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.6 46.0



#52
 Toluene
 Concen: 50.736 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion: 92 Resp: 164645
 Ion Ratio Lower Upper
 92 100
 91 171.9 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 51.135 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

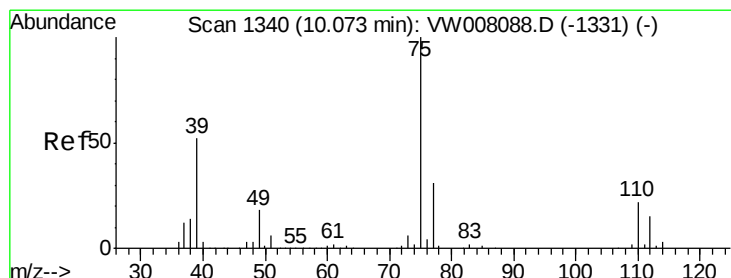
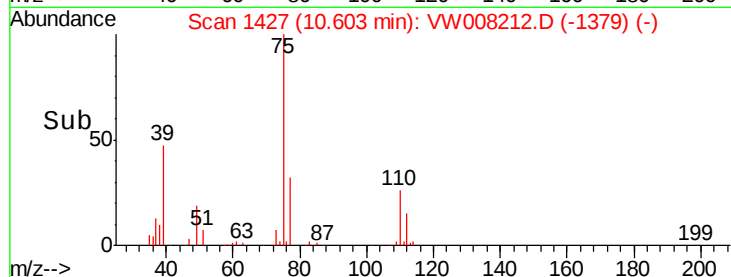
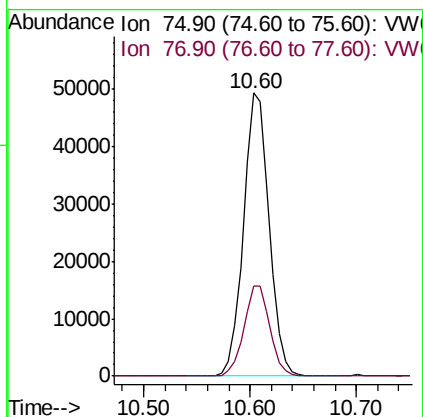
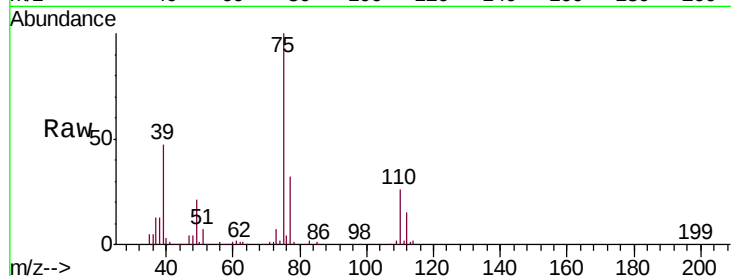
VSTDCCC050EC

Tgt Ion: 75 Resp: 83569

Ion Ratio Lower Upper

75 100

77 31.7 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 50.781 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

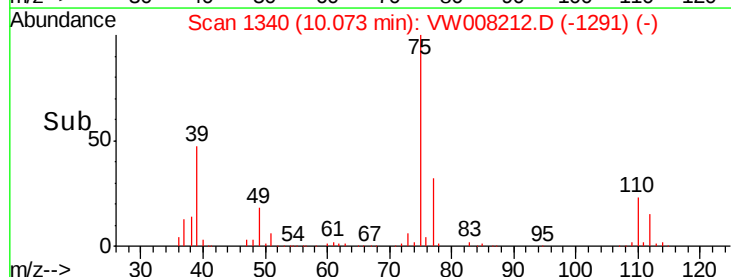
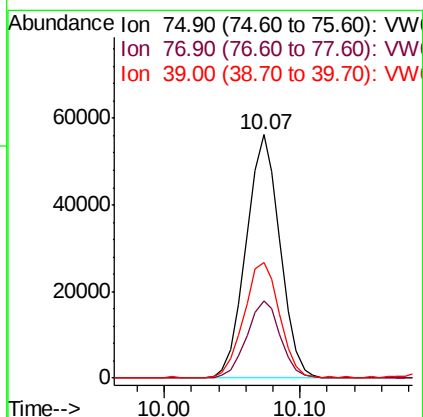
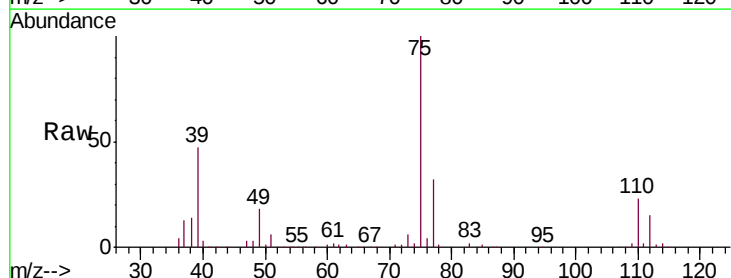
Tgt Ion: 75 Resp: 98413

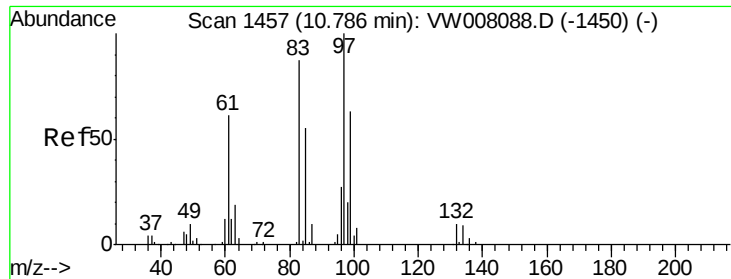
Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

39 47.1 41.4 62.0

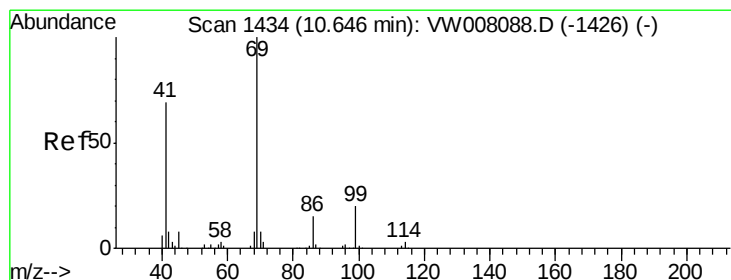
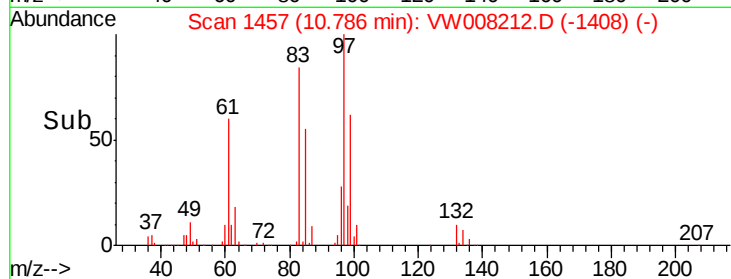
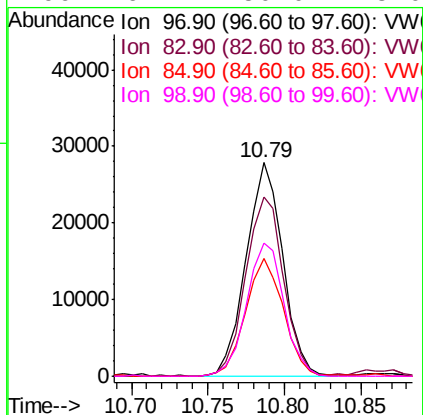
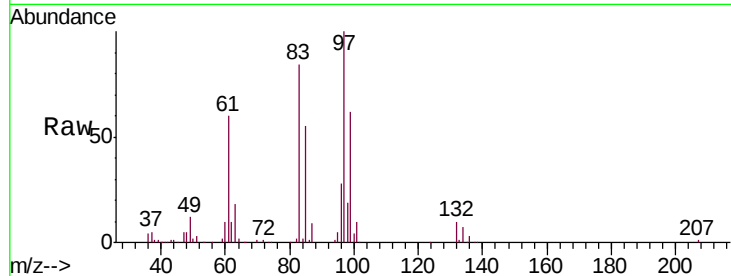




#55
 1,1,2-Trichloroethane
 Concen: 53.750 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

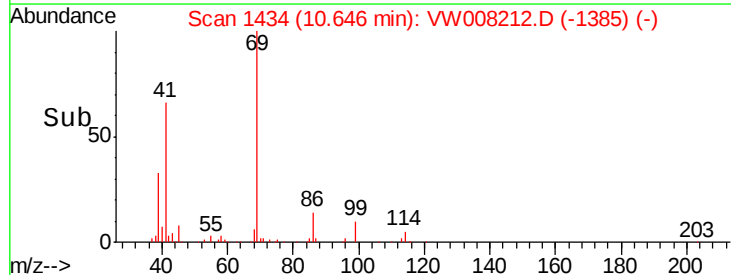
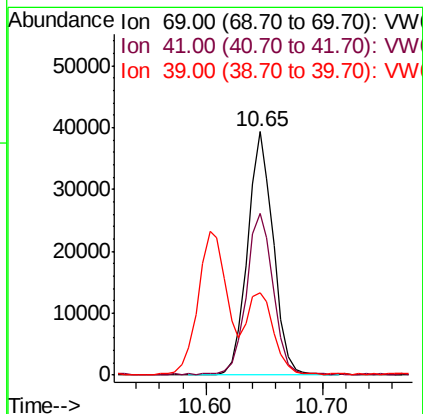
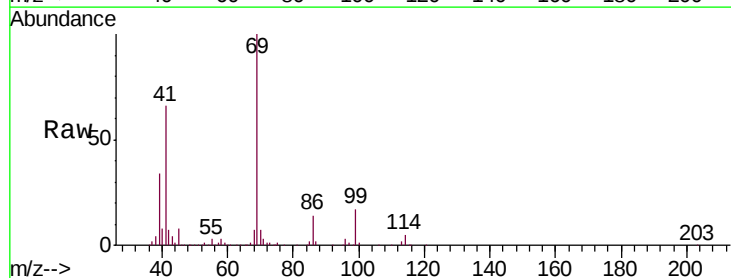
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

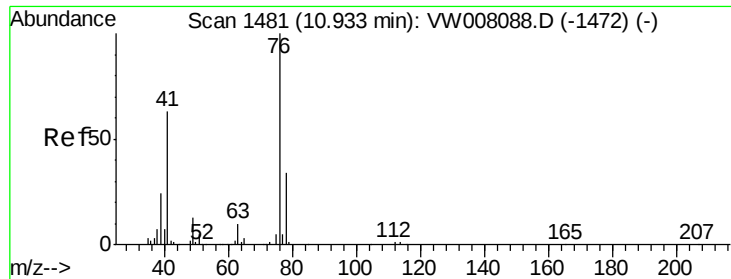
Tgt Ion:	97	Resp:	46695
Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.3	103.9
85	55.0	43.8	65.6
99	62.2	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 55.929 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion:	69	Resp:	60172
Ion	Ratio	Lower	Upper
69	100		
41	68.7	56.4	84.6
39	34.8	28.1	42.1

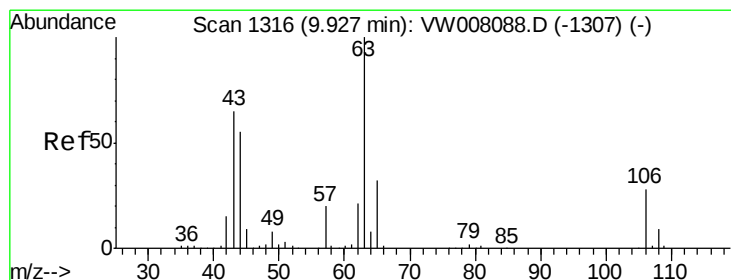
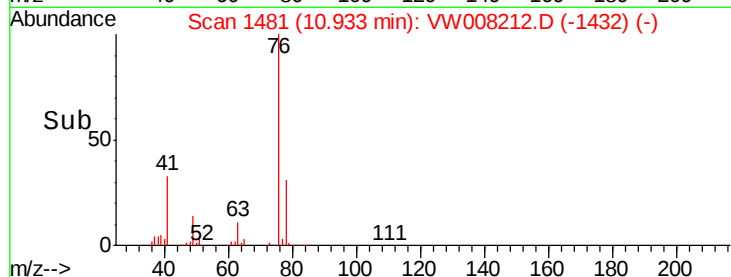
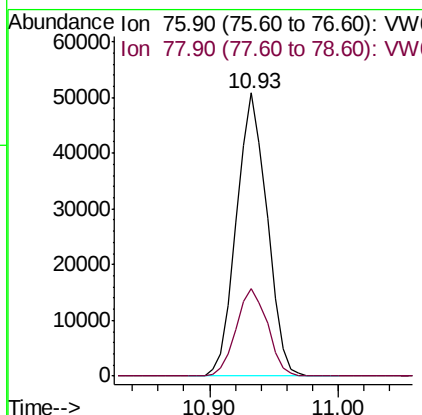
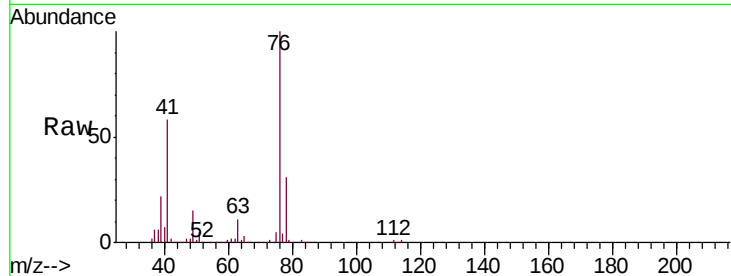




#57
 1,3-Dichloropropane
 Concen: 52.656 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

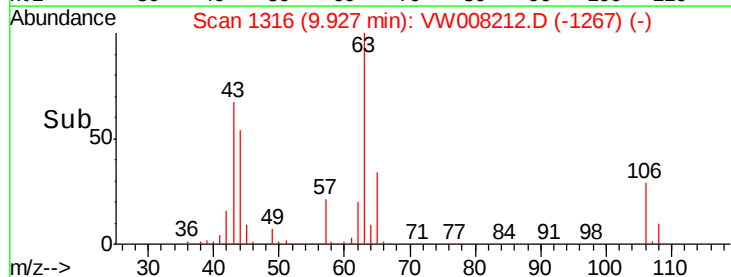
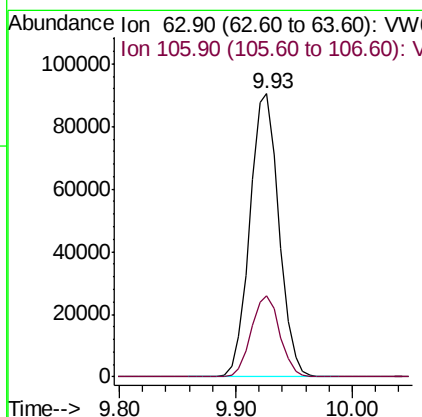
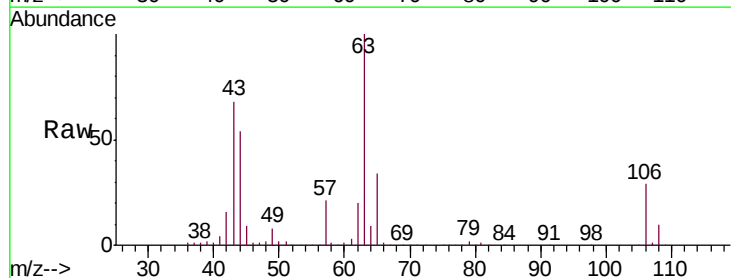
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

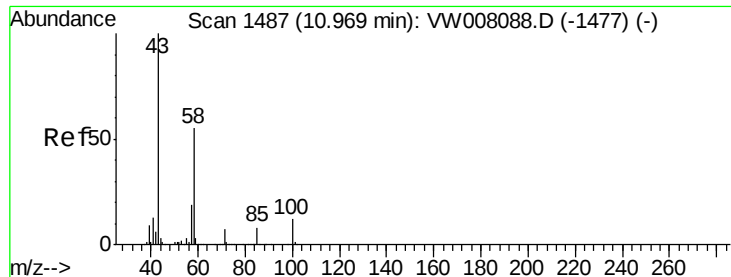
Tgt Ion: 76 Resp: 83661
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 282.707 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion: 63 Resp: 157111
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.6

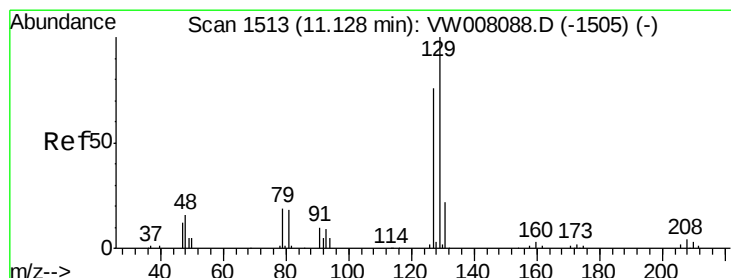
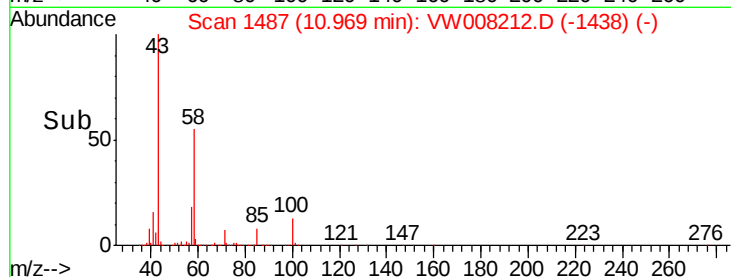
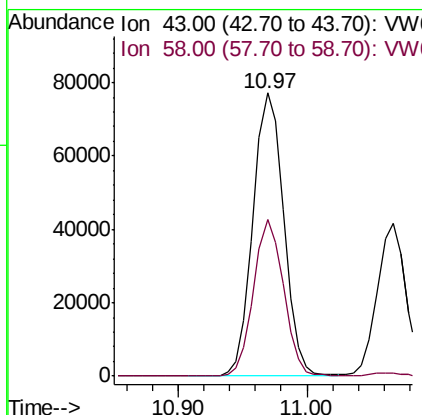
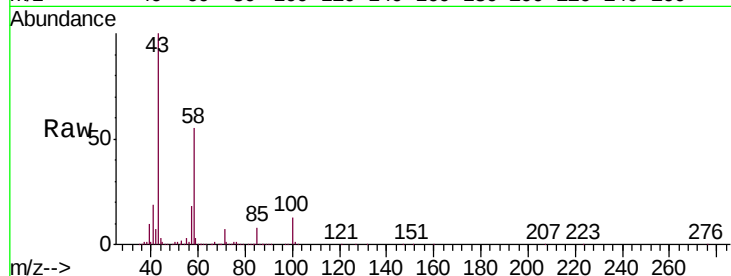




#59
2-Hexanone
Concen: 258.705 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

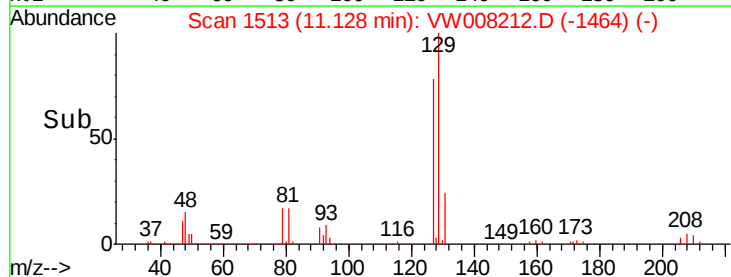
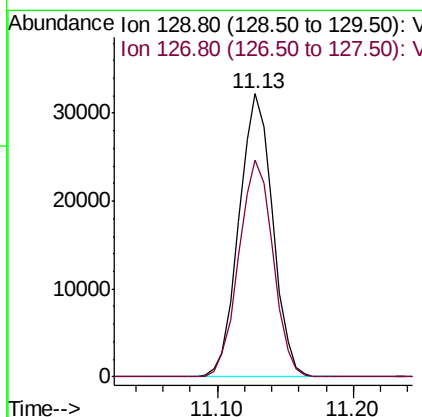
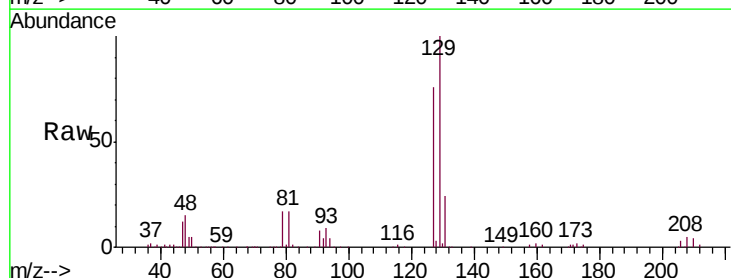
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

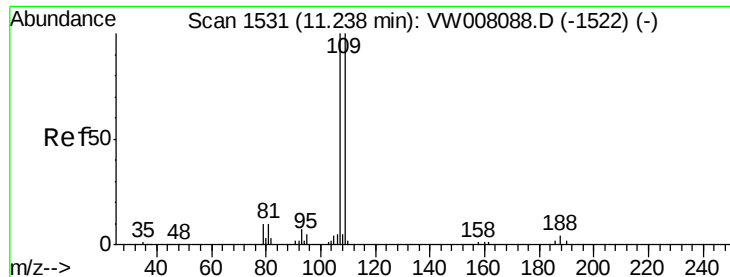
Tgt Ion: 43 Resp: 127082
Ion Ratio Lower Upper
43 100
58 54.3 27.2 81.5



#60
Dibromochloromethane
Concen: 58.494 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion: 129 Resp: 55802
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 55.174 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

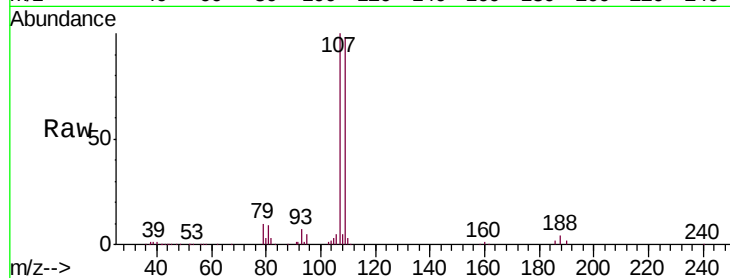
VSTDCCC050EC

Tgt Ion: 107 Resp: 45481

Ion Ratio Lower Upper

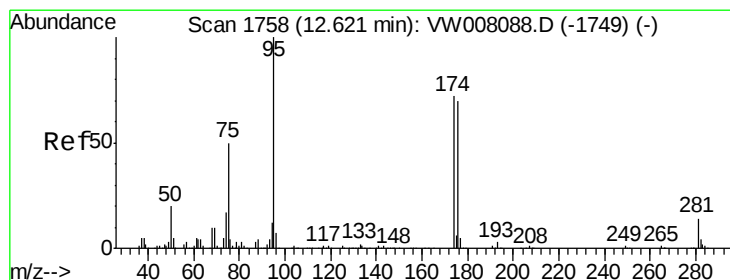
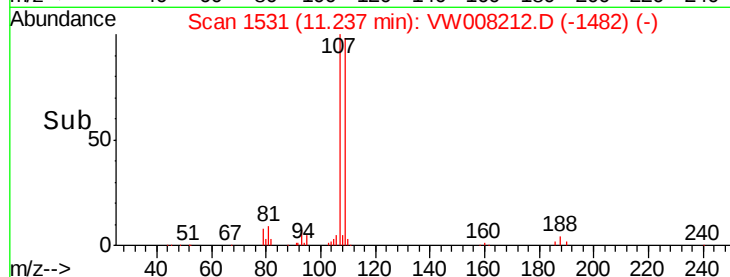
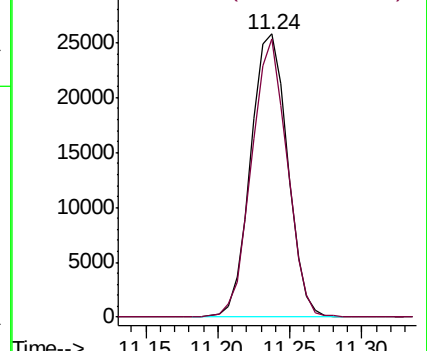
107 100

109 95.1 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.199 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

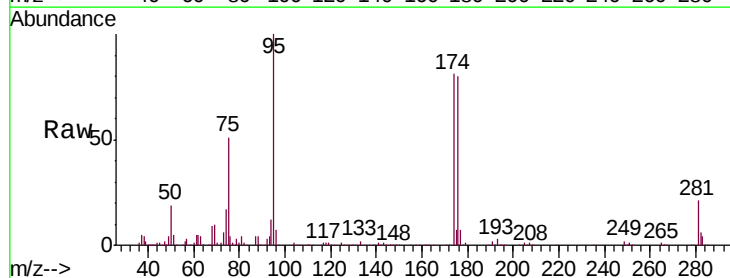
Tgt Ion: 95 Resp: 78510

Ion Ratio Lower Upper

95 100

174 80.9 0.0 143.0

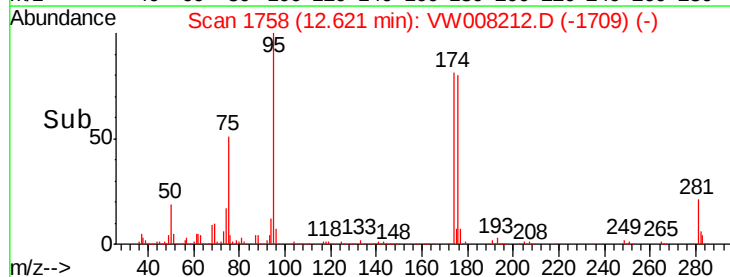
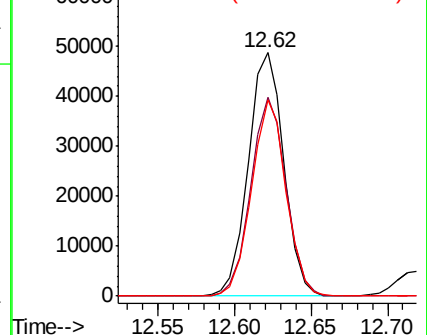
176 78.3 0.0 140.2

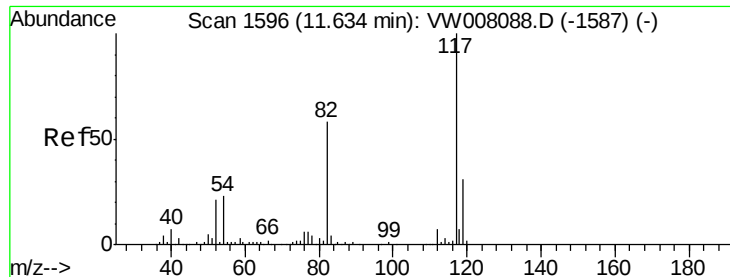


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

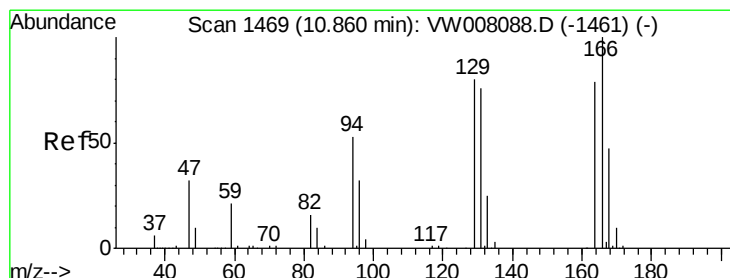
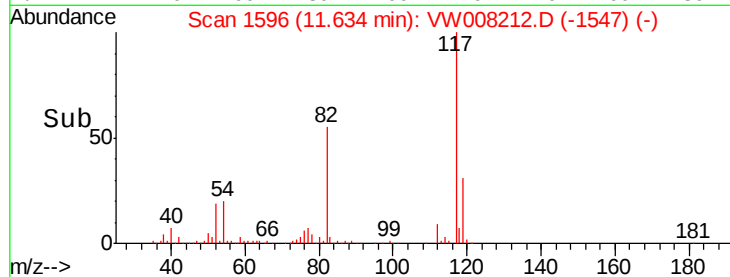
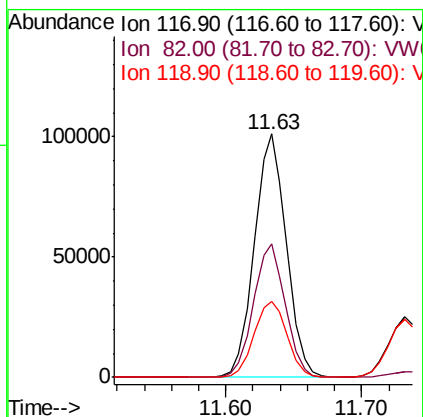
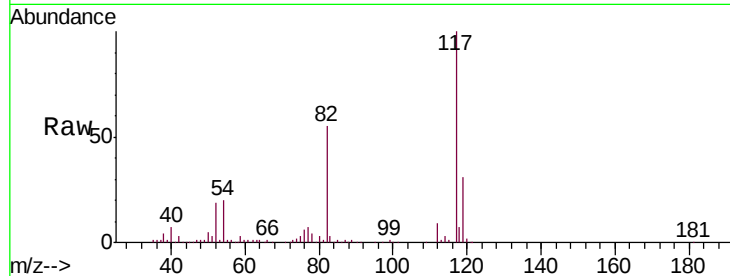




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

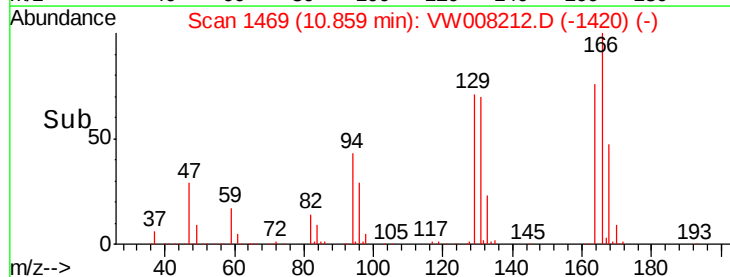
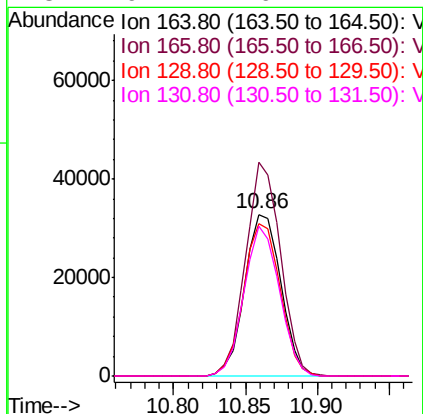
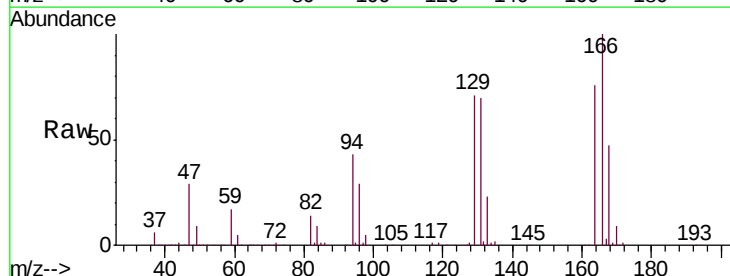
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

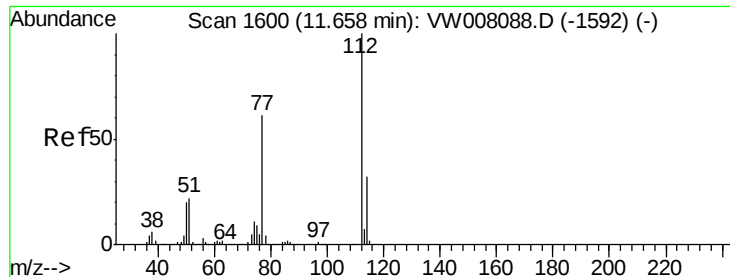
Tgt Ion:117 Resp: 166441
Ion Ratio Lower Upper
117 100
82 54.9 46.4 69.6
119 31.0 24.7 37.1



#64
Tetrachloroethene
Concen: 52.816 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion:164 Resp: 57210
Ion Ratio Lower Upper
164 100
166 131.9 100.7 151.1
129 94.2 81.0 121.4
131 92.2 76.1 114.1

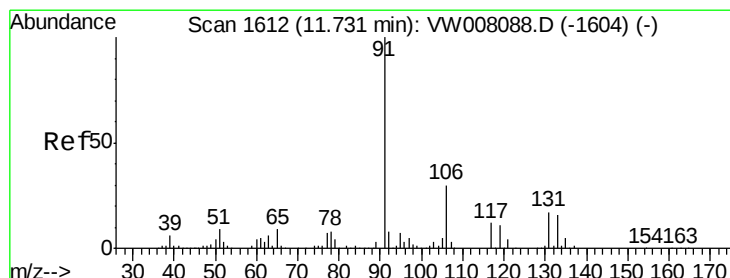
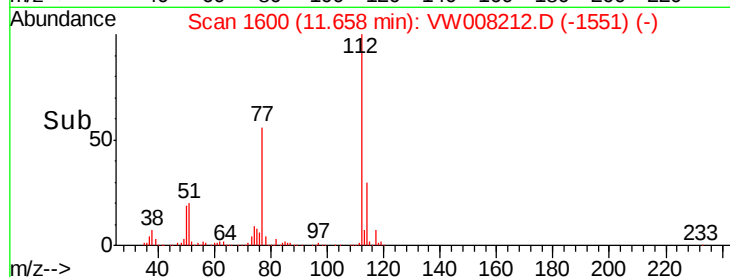
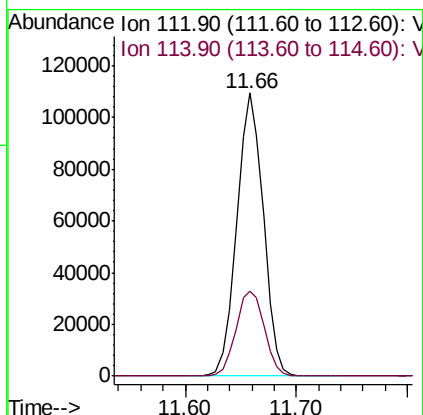
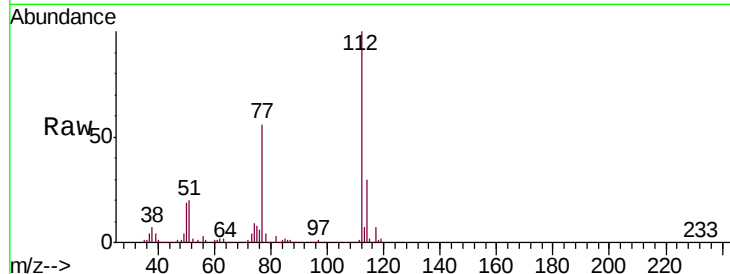




#65
Chlorobenzene
Concen: 50.853 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

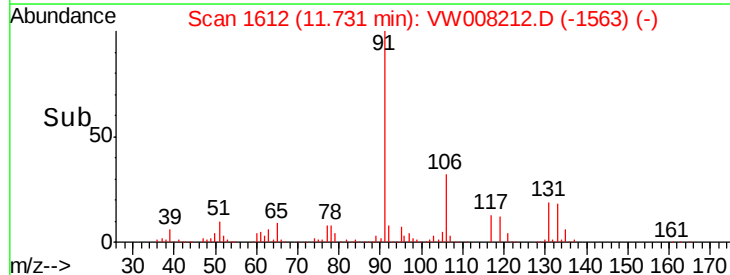
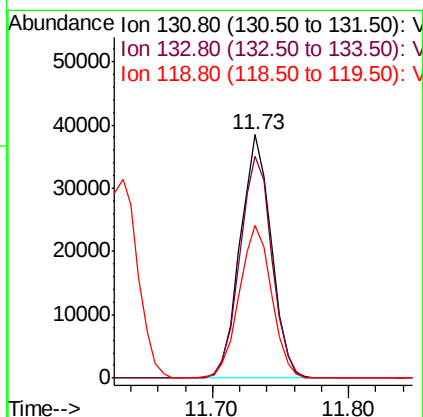
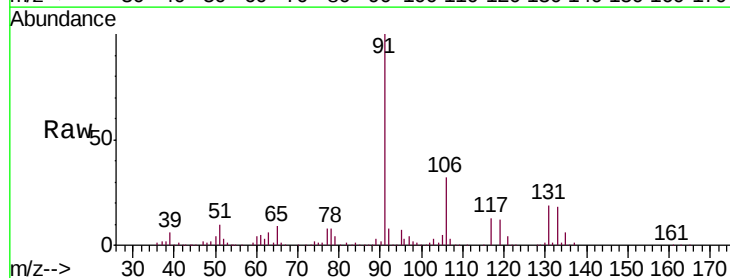
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

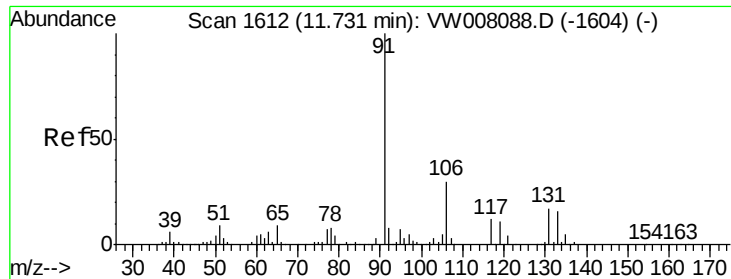
Tgt Ion:112 Resp: 179316
Ion Ratio Lower Upper
112 100
114 30.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.589 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion:131 Resp: 61461
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.7
119 65.4 32.5 97.4

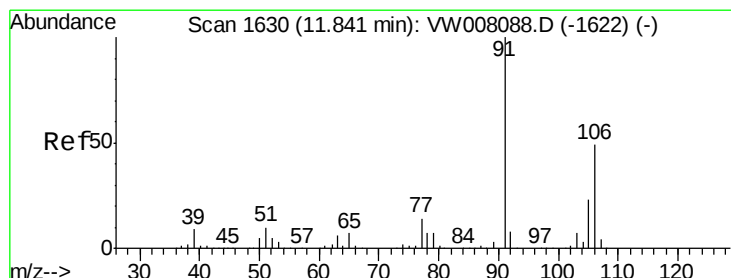
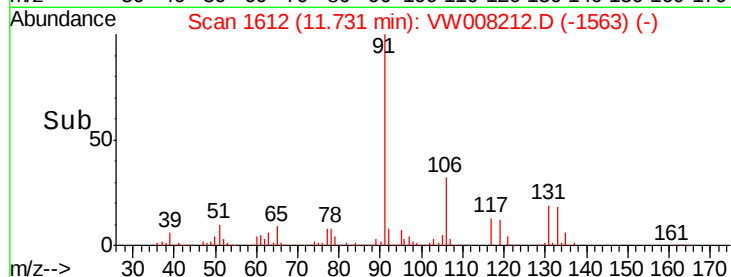
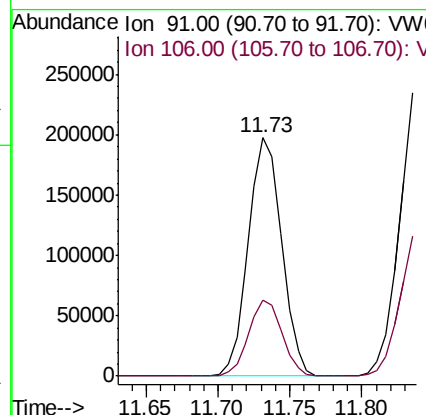
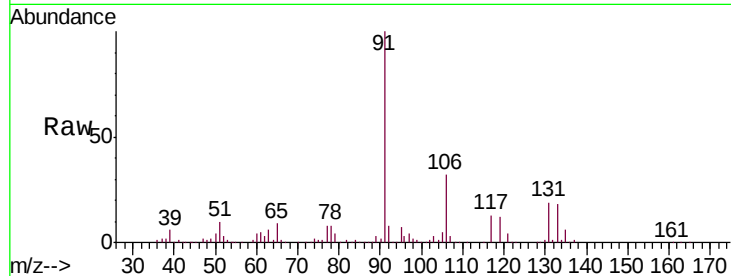




#67
Ethyl Benzene
Concen: 49.125 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

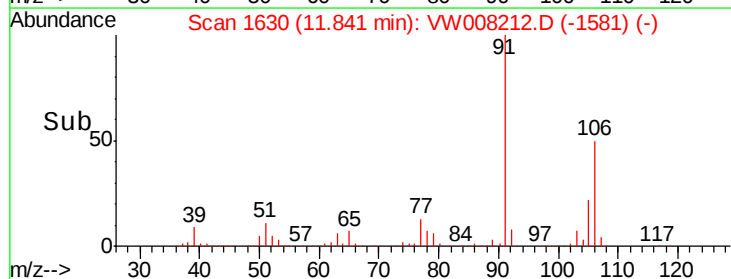
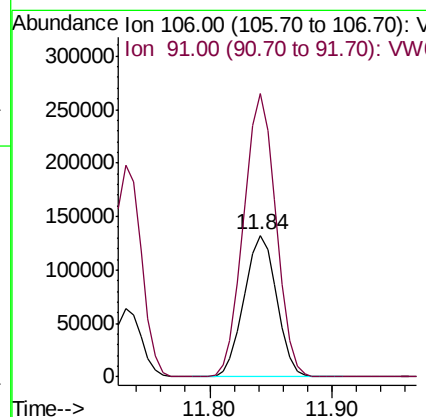
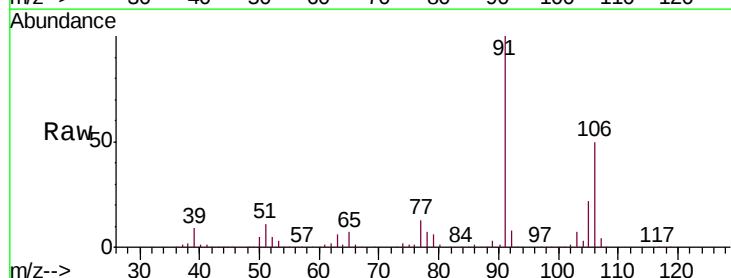
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

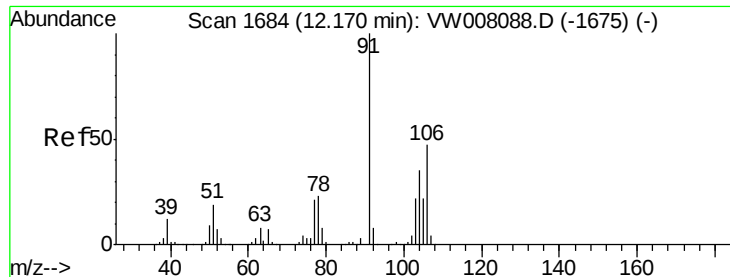
Tgt Ion: 91 Resp: 316949
Ion Ratio Lower Upper
91 100
106 32.1 24.2 36.4



#68
m/p-Xylenes
Concen: 99.681 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion: 106 Resp: 245477
Ion Ratio Lower Upper
106 100
91 198.2 162.4 243.6

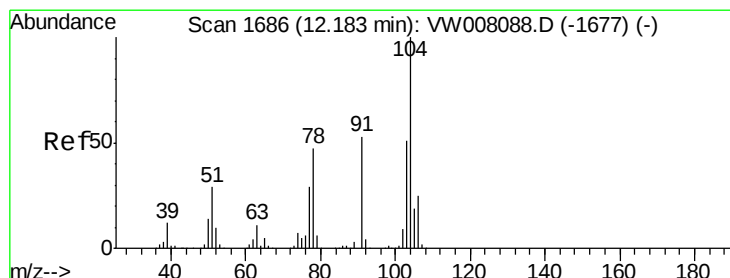
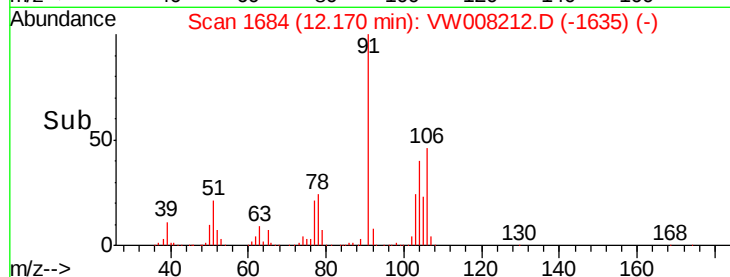
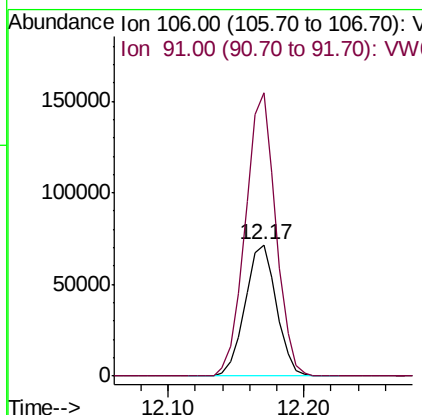
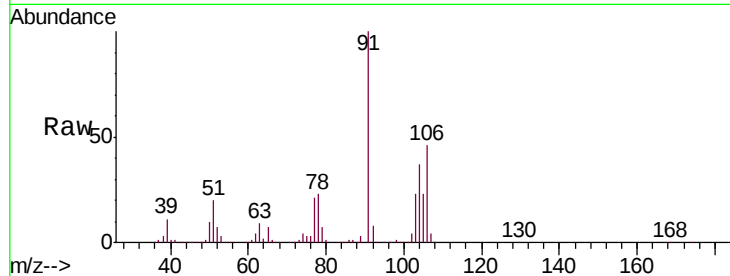




#69
o-Xylene
Concen: 50.685 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

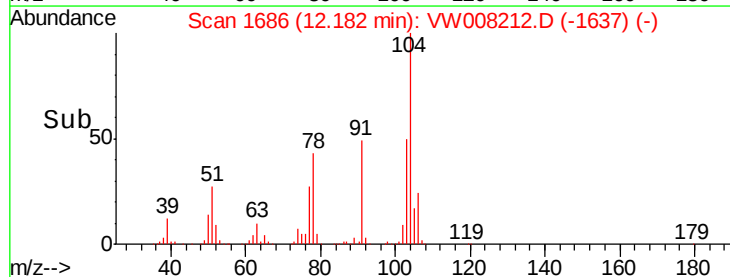
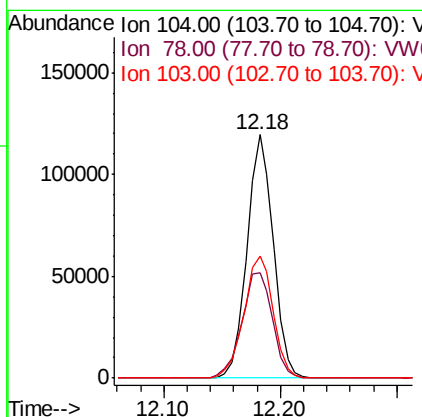
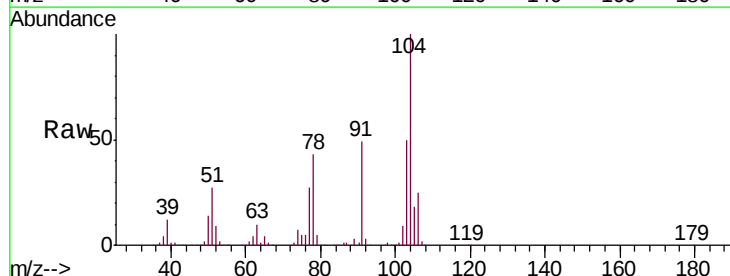
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

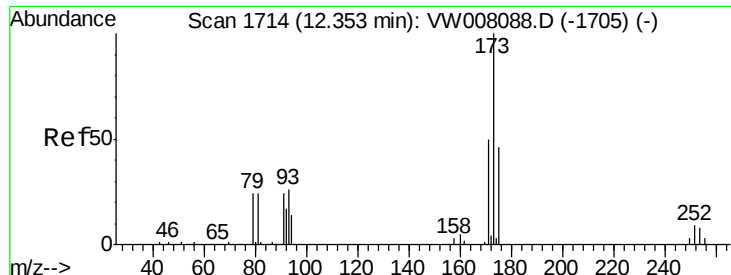
Tgt Ion:106 Resp: 115586
Ion Ratio Lower Upper
106 100
91 208.8 107.8 323.6



#70
Styrene
Concen: 52.682 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion:104 Resp: 188179
Ion Ratio Lower Upper
104 100
78 50.2 41.8 62.8
103 55.5 43.8 65.8





#71

Bromoform

Concen: 58.765 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

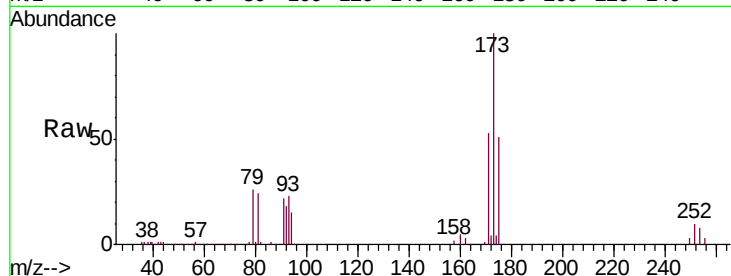
Tgt Ion:173 Resp: 30164

Ion Ratio Lower Upper

173 100

175 48.9 23.3 69.8

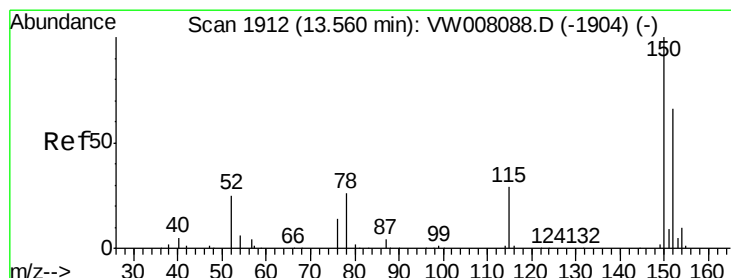
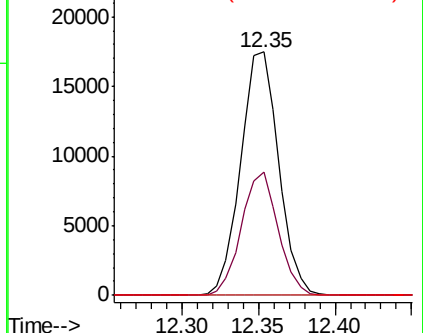
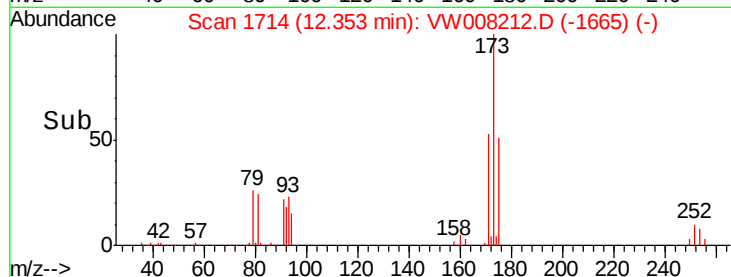
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

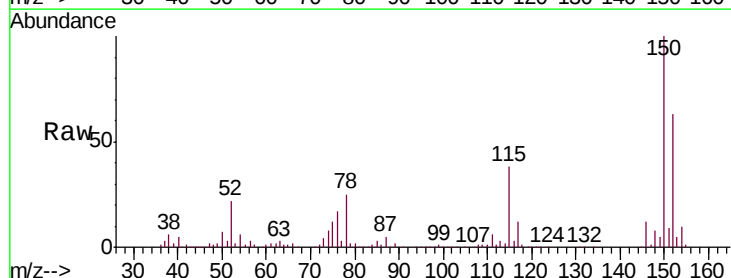
Tgt Ion:152 Resp: 80638

Ion Ratio Lower Upper

152 100

115 58.5 30.8 92.4

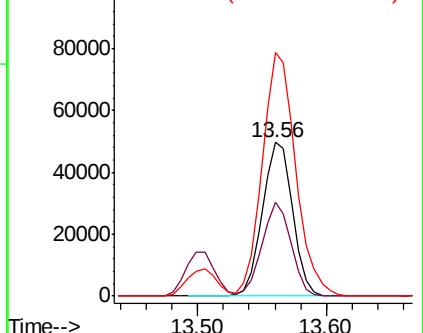
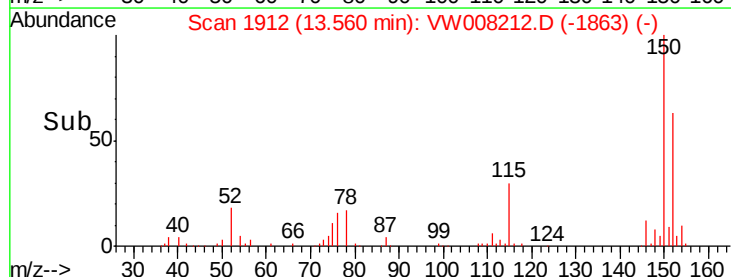
150 174.7 0.0 350.2

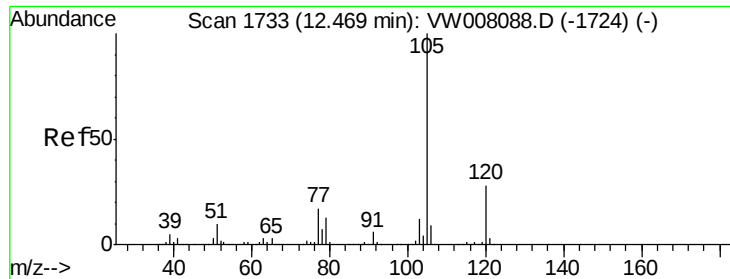


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.368 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

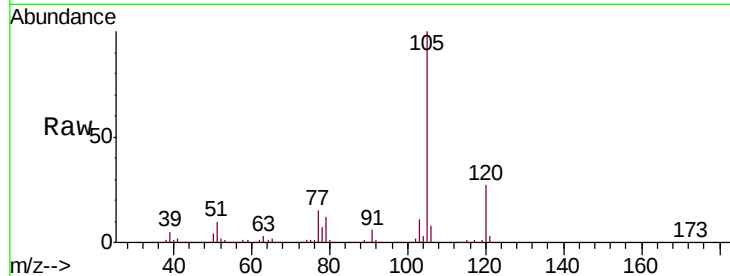
VSTDCCC050EC

Tgt Ion: 105 Resp: 312542

Ion Ratio Lower Upper

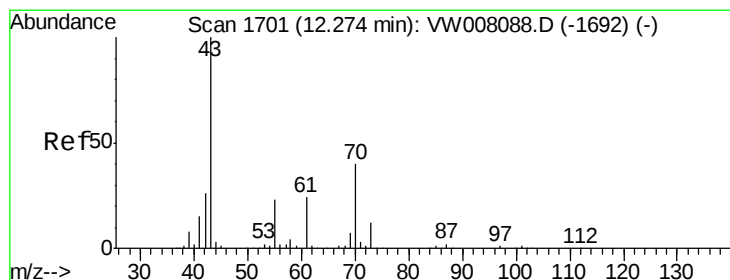
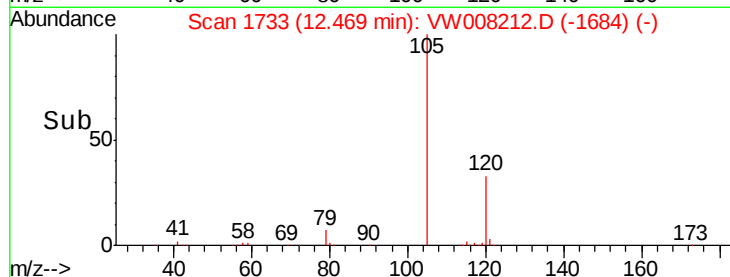
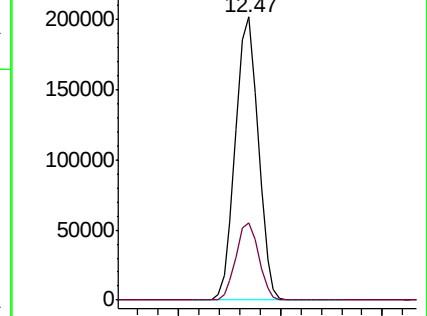
105 100

120 27.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.480 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Tgt Ion: 43 Resp: 70773

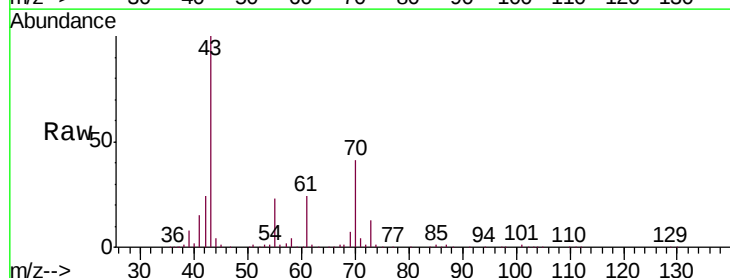
Ion Ratio Lower Upper

43 100

70 41.3 32.4 48.6

55 24.2 18.7 28.1

61 24.0 19.0 28.6

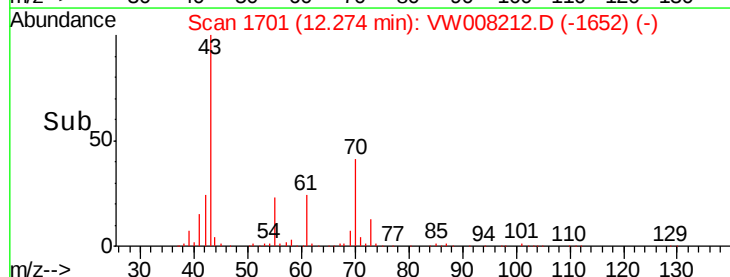
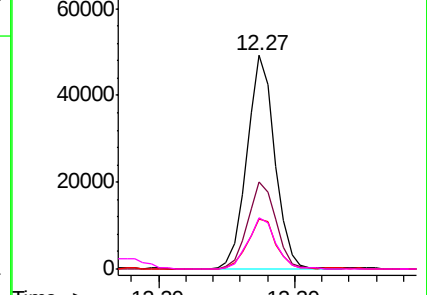


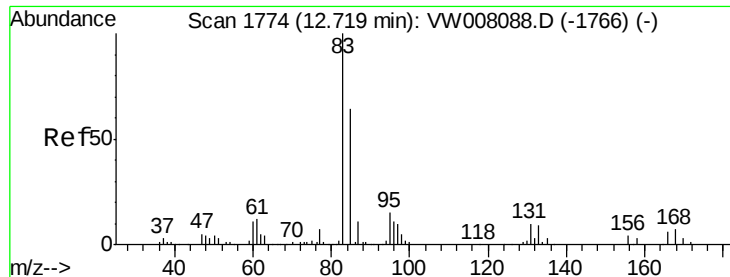
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

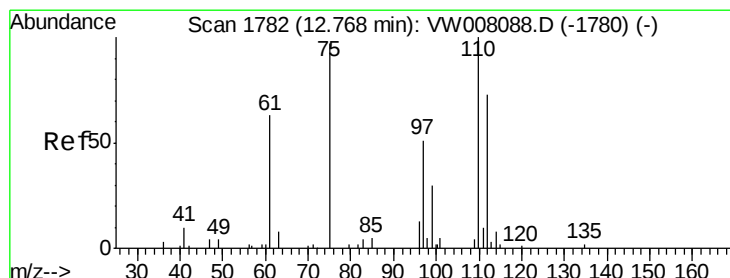
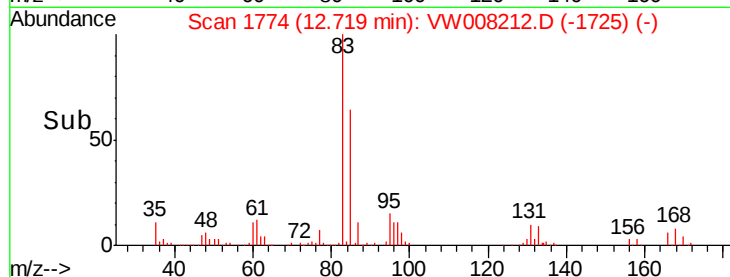
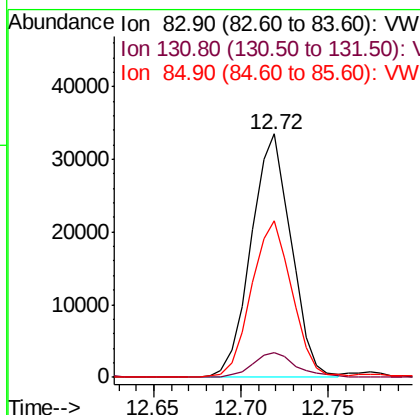
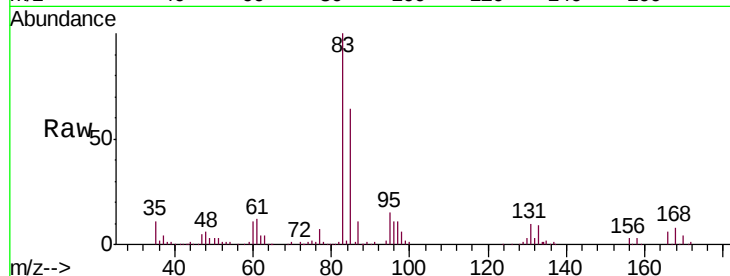




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.707 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

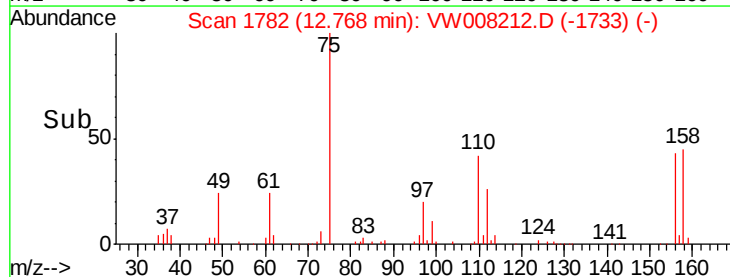
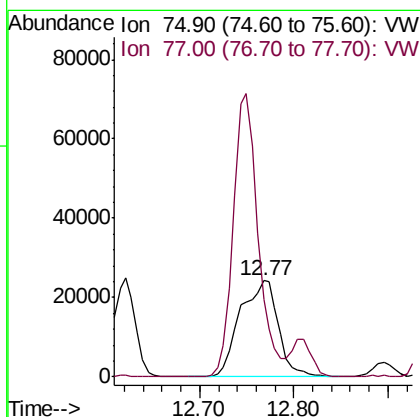
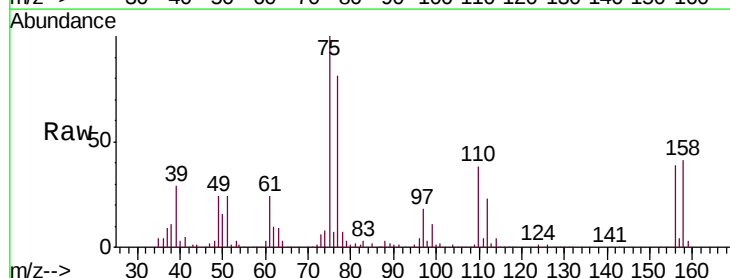
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

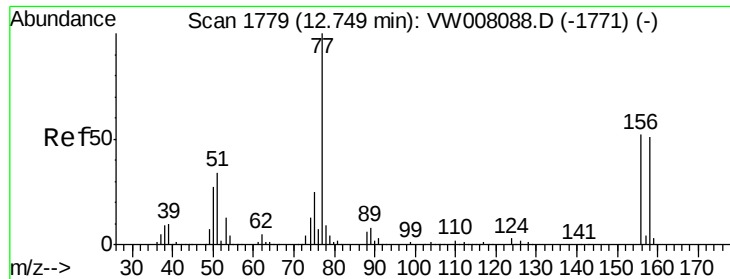
Tgt Ion: 83 Resp: 53410
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.3 16.1
 85 65.1 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 94.000 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion: 75 Resp: 69100
 Ion Ratio Lower Upper
 75 100
 77 191.6 179.4 538.2





#77

Bromobenzene

Concen: 53.599 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

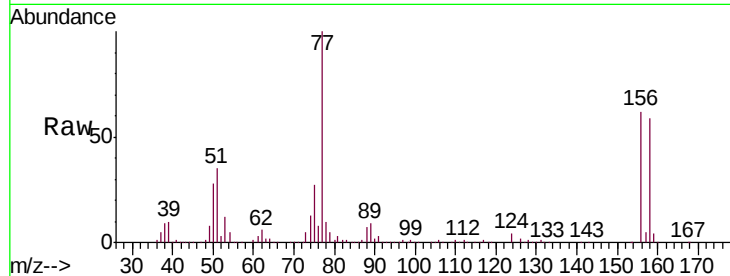
Tgt Ion:156 Resp: 71699

Ion Ratio Lower Upper

156 100

77 184.7 104.2 312.5

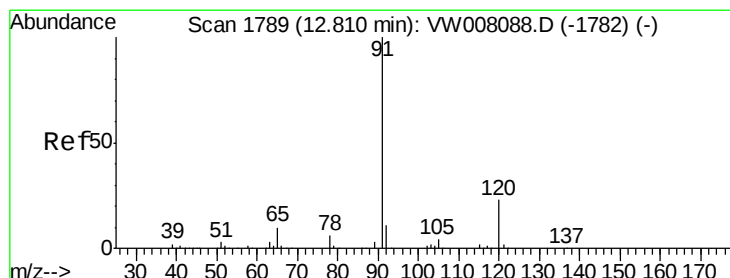
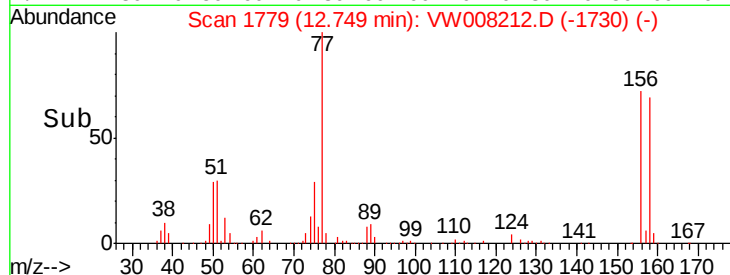
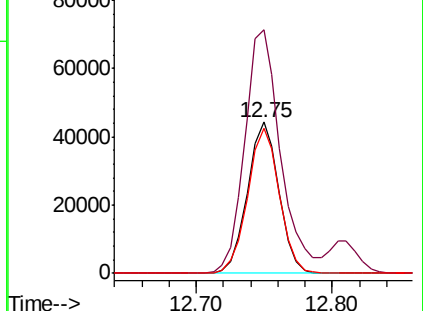
158 96.8 47.9 143.6



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: 48.021 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008212.D

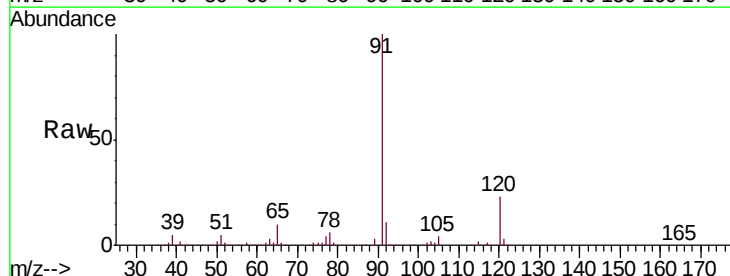
Acq: 11 Jan 2019 23:42

Tgt Ion: 91 Resp: 372498

Ion Ratio Lower Upper

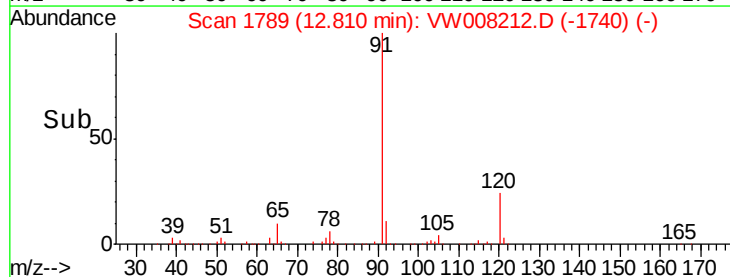
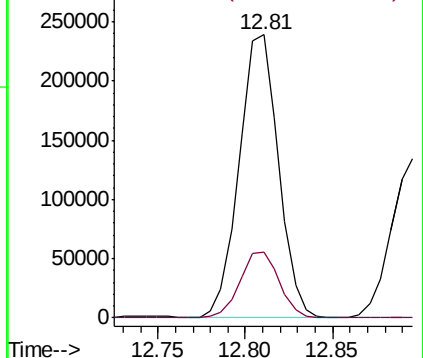
91 100

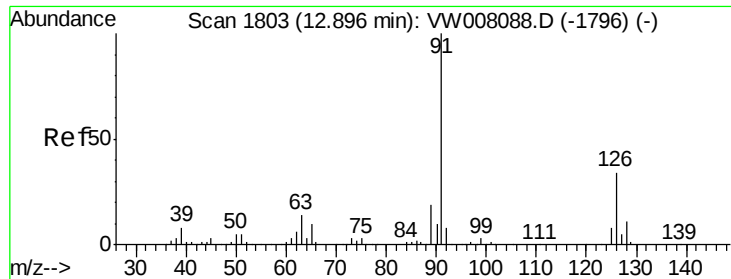
120 23.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.658 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

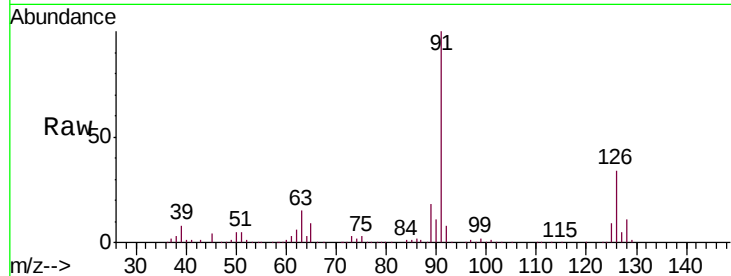
VSTDCCC050EC

Tgt Ion: 91 Resp: 210576

Ion Ratio Lower Upper

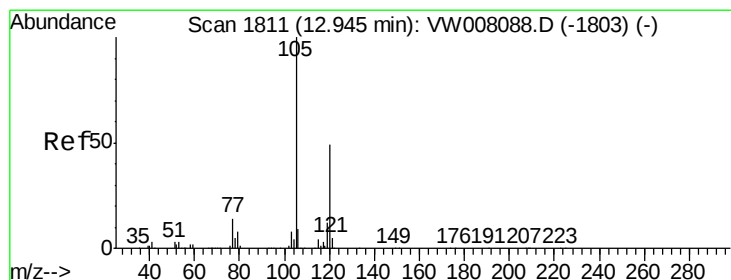
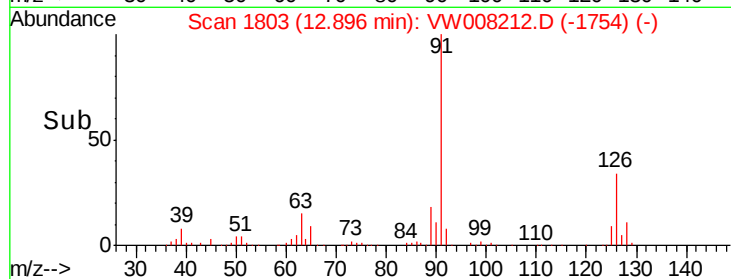
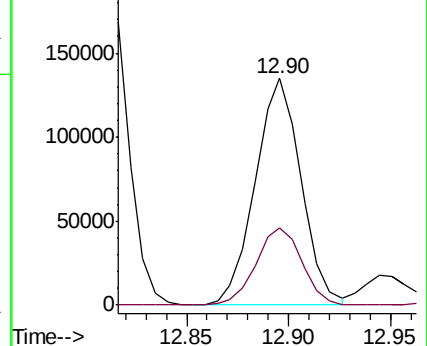
91 100

126 34.7 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.277 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008212.D

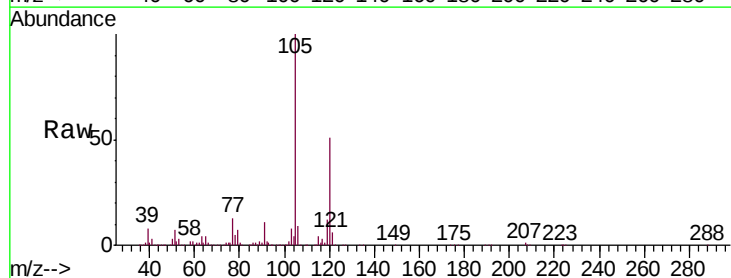
Acq: 11 Jan 2019 23:42

Tgt Ion: 105 Resp: 256359

Ion Ratio Lower Upper

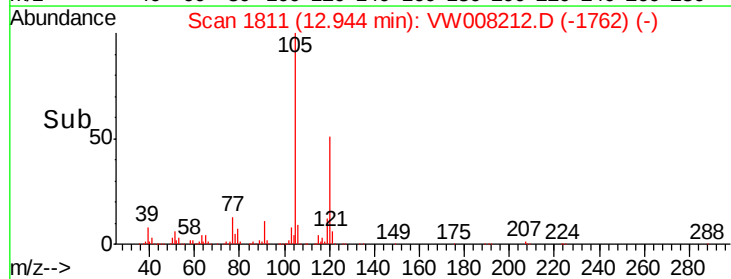
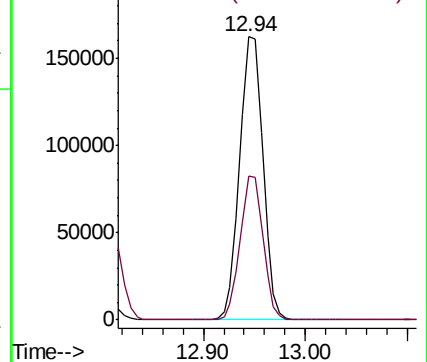
105 100

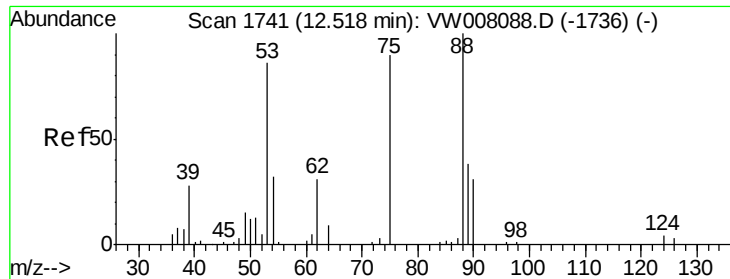
120 49.6 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

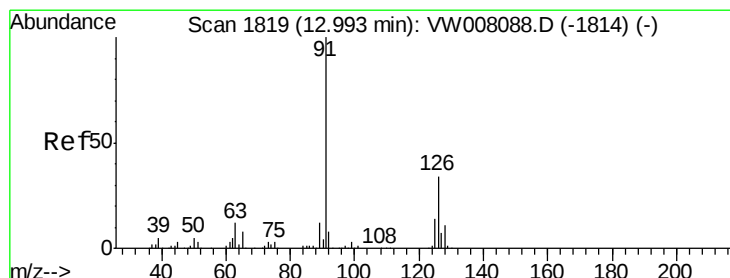
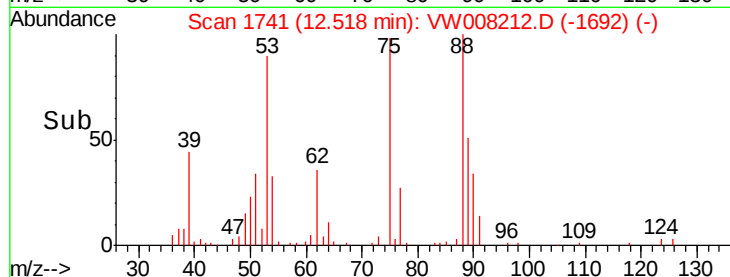
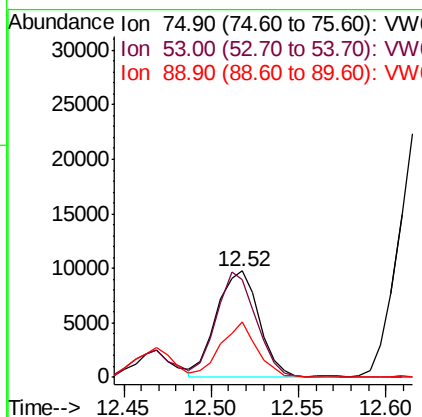
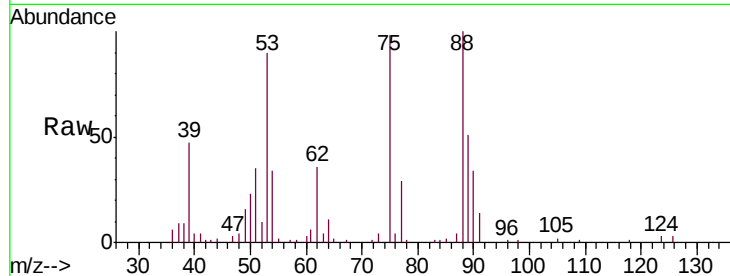




#81
trans-1,4-Dichloro-2-butene
Concen: 52.545 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

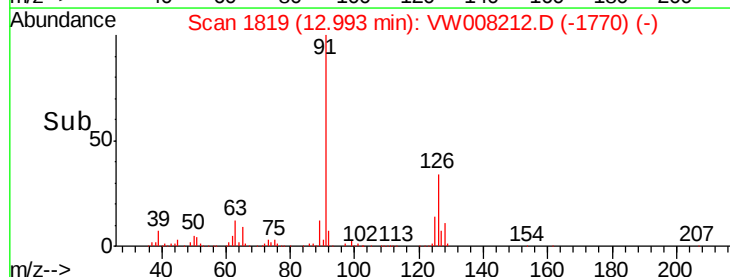
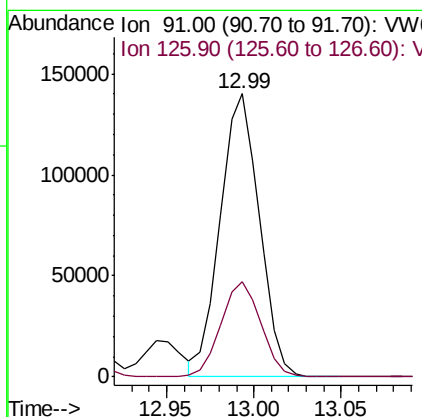
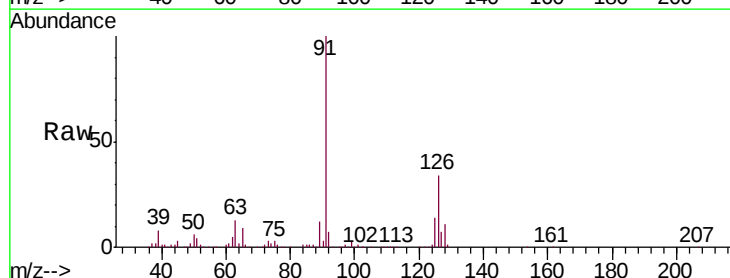
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

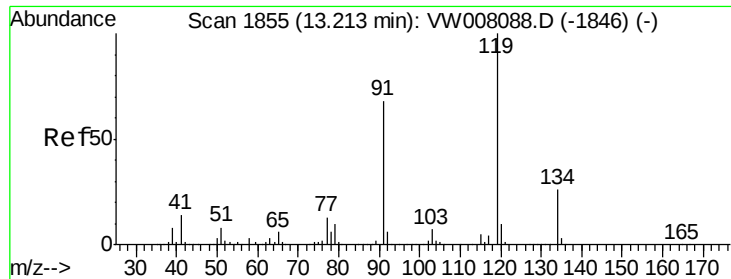
Tgt Ion: 75 Resp: 16587
Ion Ratio Lower Upper
75 100
53 90.8 78.8 118.2
89 44.6 35.4 53.2



#82
4-Chlorotoluene
Concen: 47.772 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion: 91 Resp: 217742
Ion Ratio Lower Upper
91 100
126 34.5 16.5 49.5





#83

tert-Butylbenzene

Concen: 49.062 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

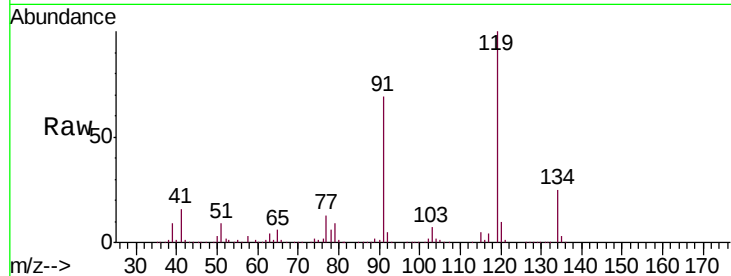
Tgt Ion:119 Resp: 225808

Ion Ratio Lower Upper

119 100

91 64.7 33.9 101.6

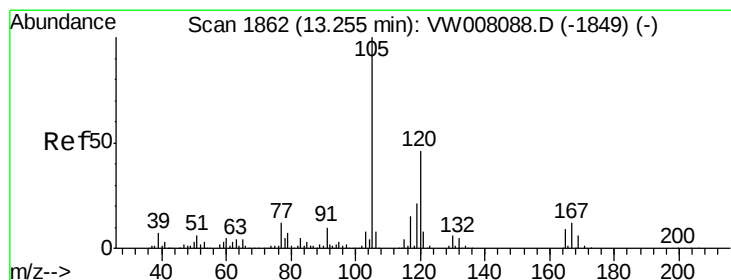
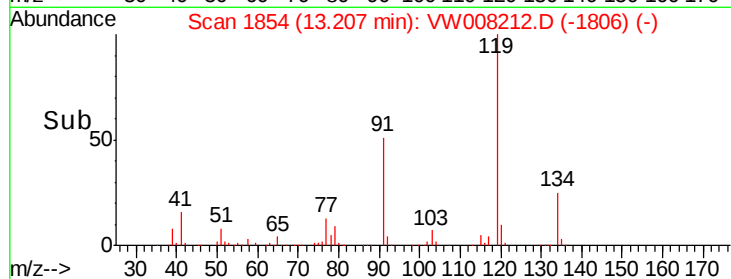
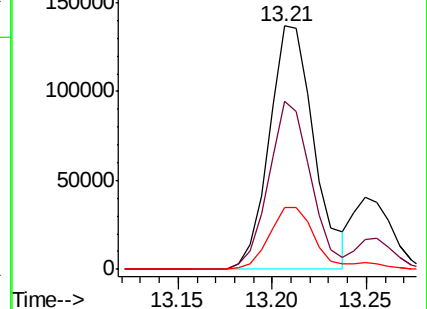
134 27.2 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.997 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008212.D

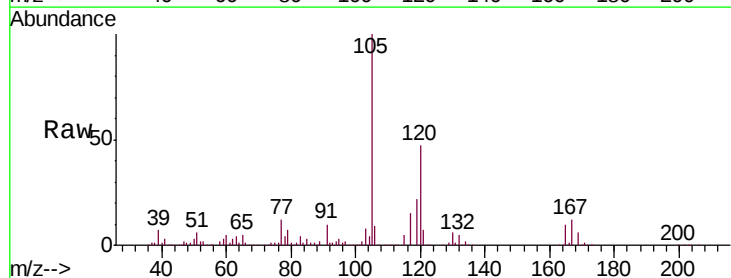
Acq: 11 Jan 2019 23:42

Tgt Ion:105 Resp: 262899

Ion Ratio Lower Upper

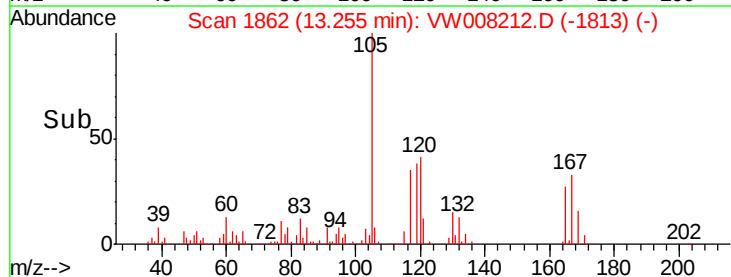
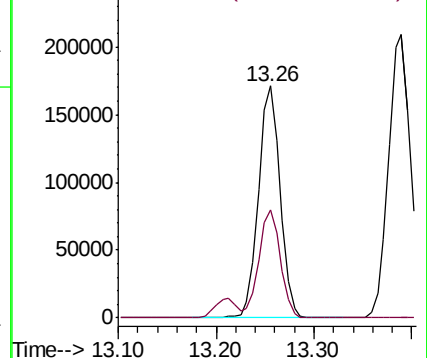
105 100

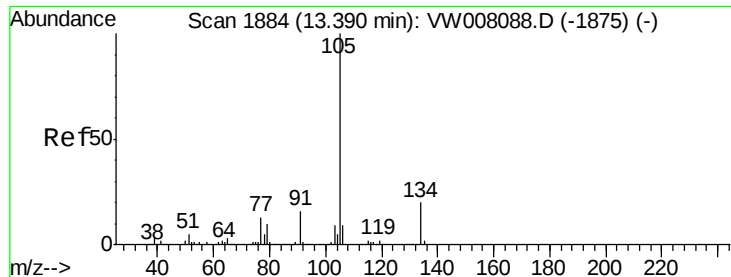
120 46.4 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

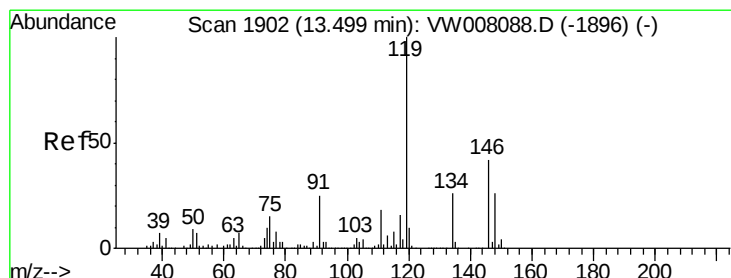
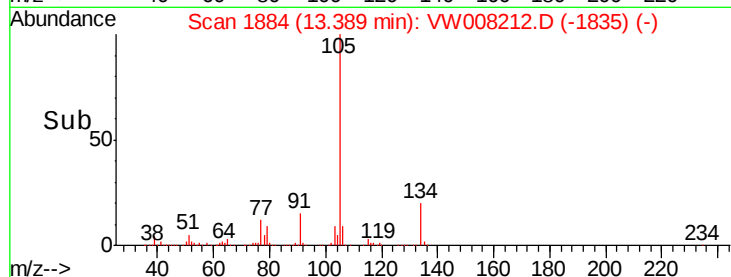
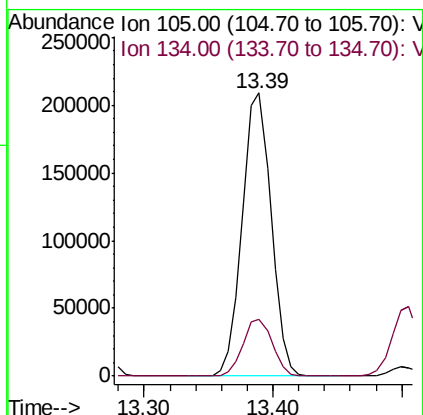
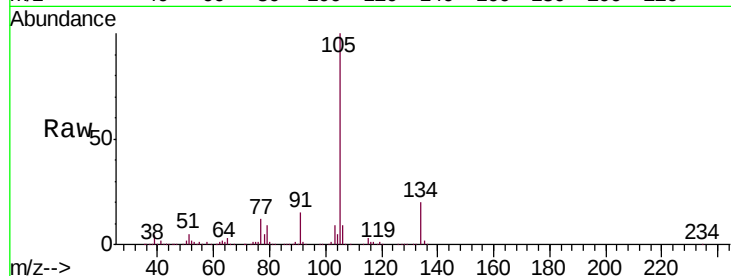




#85
 sec-Butylbenzene
 Concen: 48.175 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

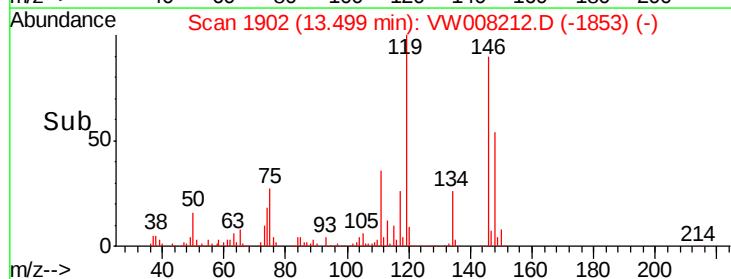
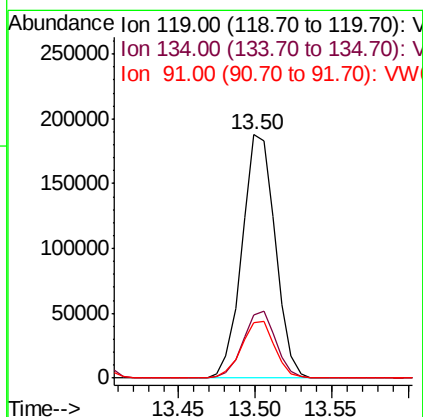
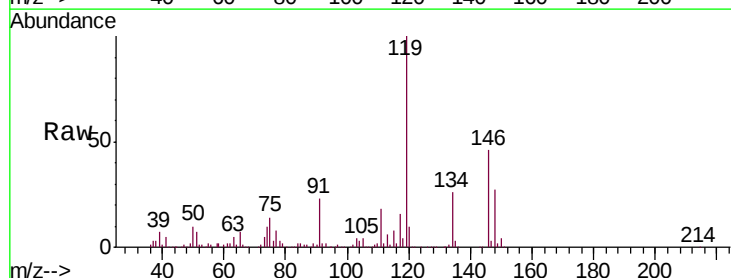
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

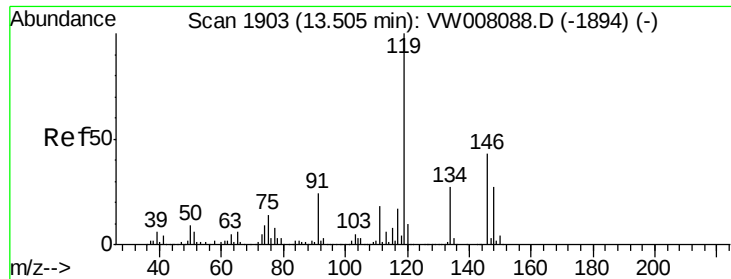
Tgt Ion:105 Resp: 324797
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 48.553 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion:119 Resp: 282676
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 23.4 12.3 36.9

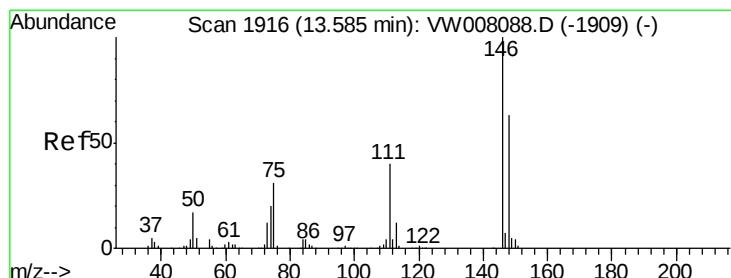
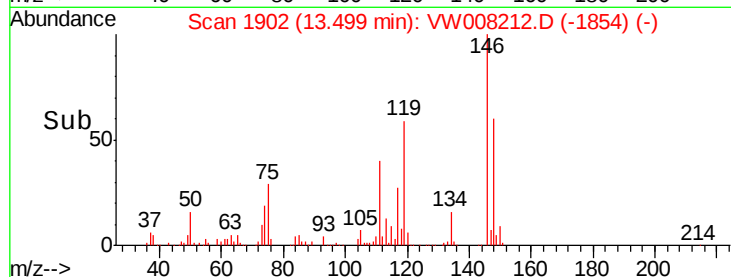
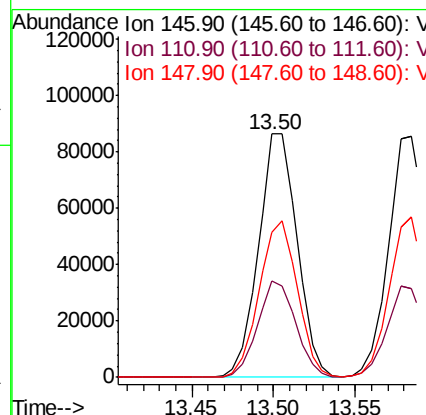
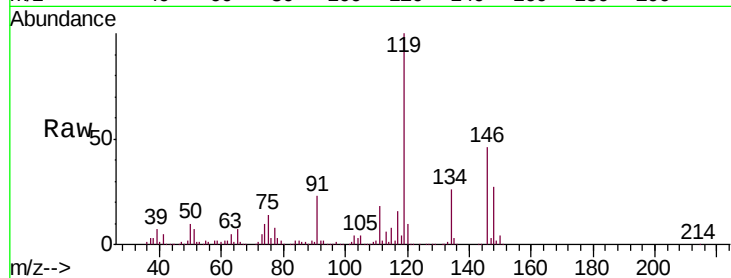




#87
 1,3-Dichlorobenzene
 Concen: 52.249 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

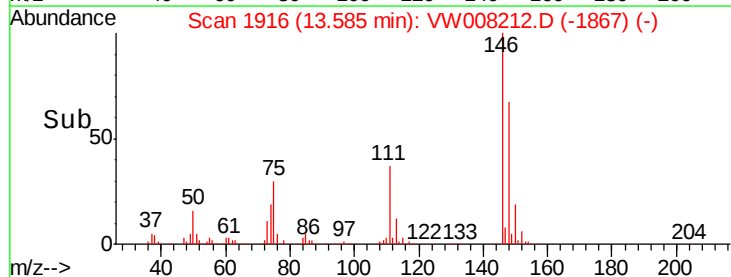
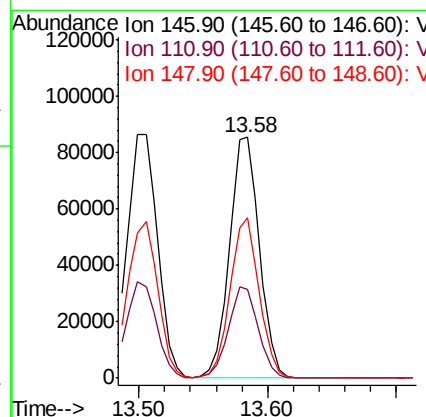
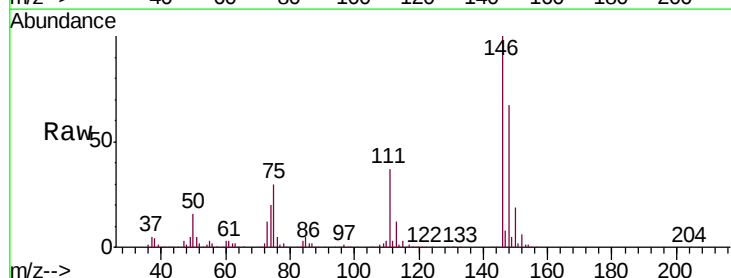
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

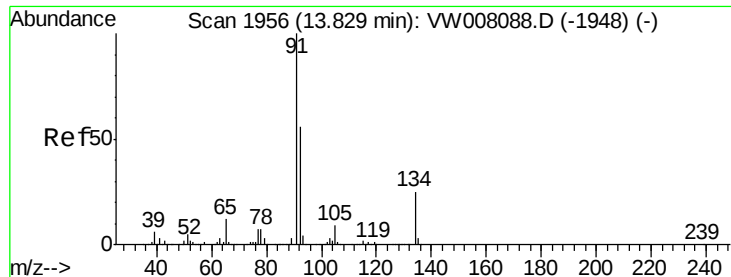
Tgt Ion:146 Resp: 141779
 Ion Ratio Lower Upper
 146 100
 111 39.1 21.1 63.1
 148 63.6 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 51.191 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion:146 Resp: 139367
 Ion Ratio Lower Upper
 146 100
 111 38.1 20.5 61.5
 148 64.5 31.6 94.8





#89

n-Butylbenzene

Concen: 47.374 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008212.D

Acq: 11 Jan 2019 23:42

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

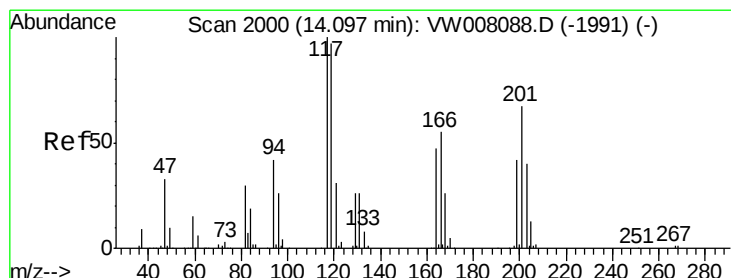
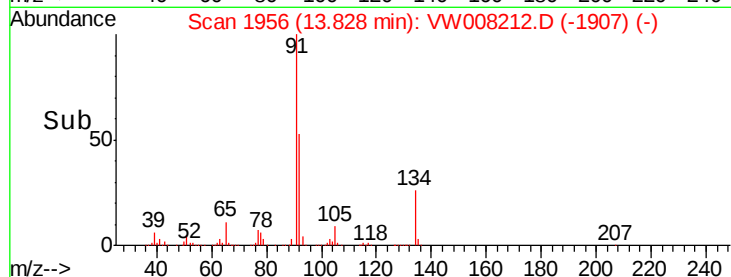
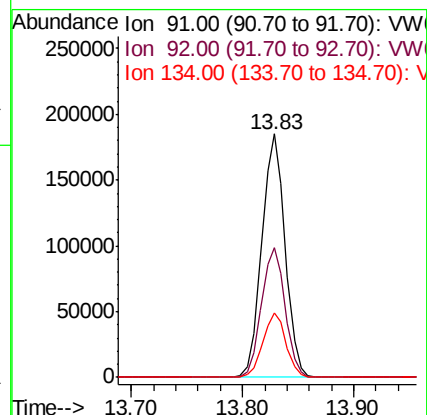
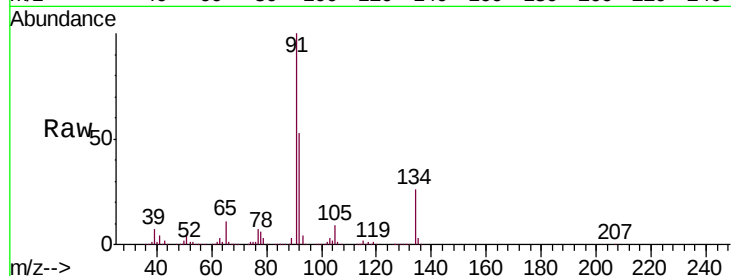
Tgt Ion: 91 Resp: 270133

Ion Ratio Lower Upper

91 100

92 54.2 27.4 82.2

134 26.2 12.6 37.8



#90

Hexachloroethane

Concen: 52.299 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008212.D

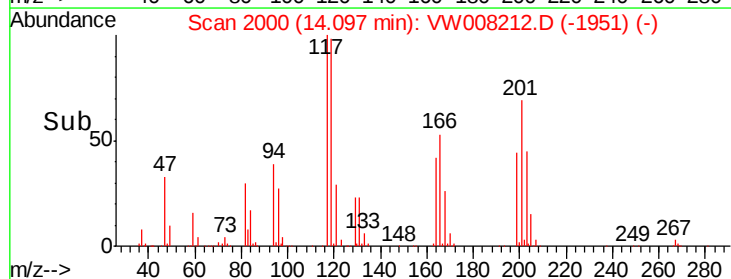
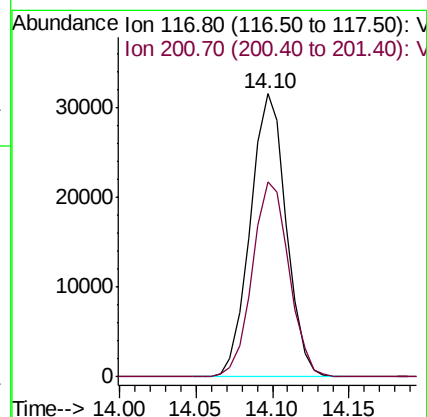
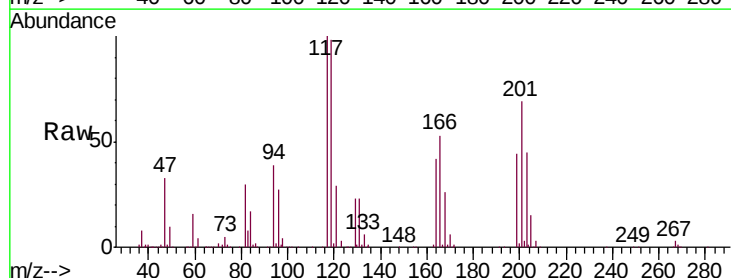
Acq: 11 Jan 2019 23:42

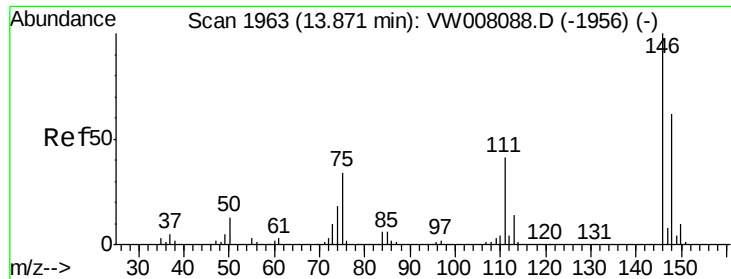
Tgt Ion: 117 Resp: 51429

Ion Ratio Lower Upper

117 100

201 70.5 33.0 98.9

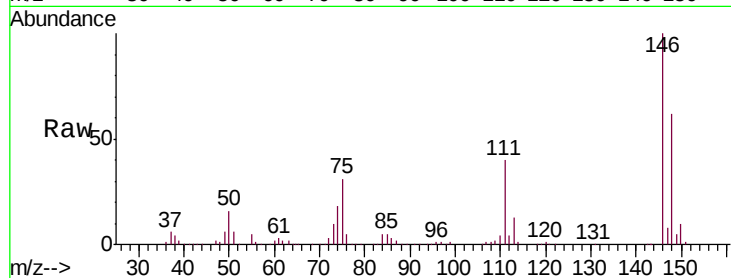




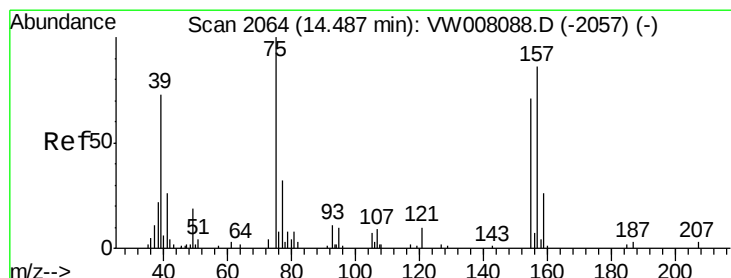
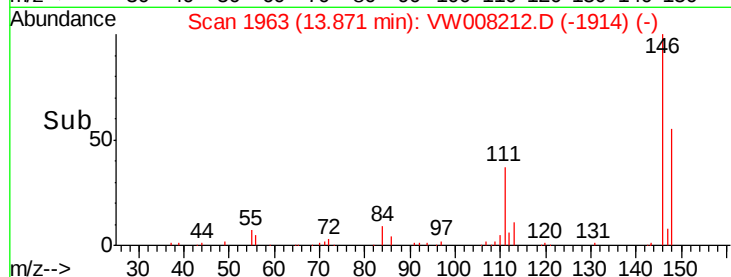
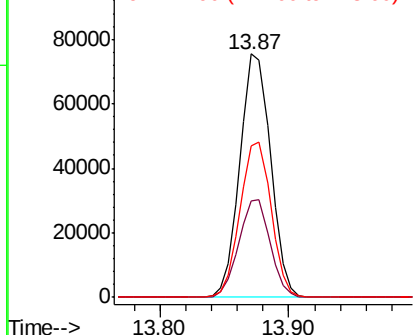
#91
 1,2-Dichlorobenzene
 Concen: 52.499 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.3	63.7
148	64.2	31.5	94.5

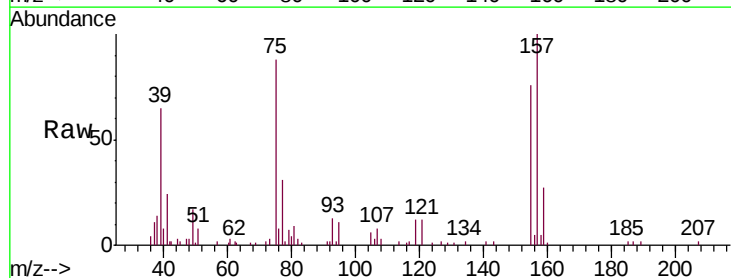


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

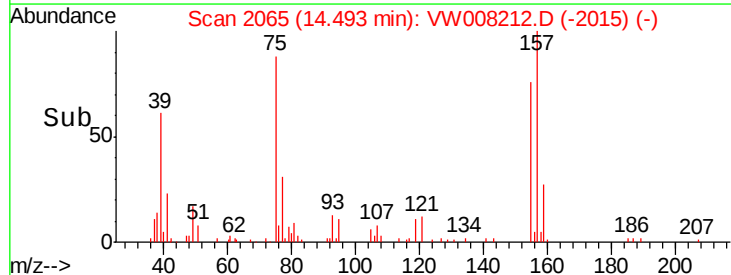
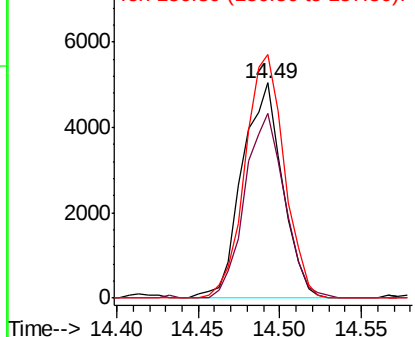


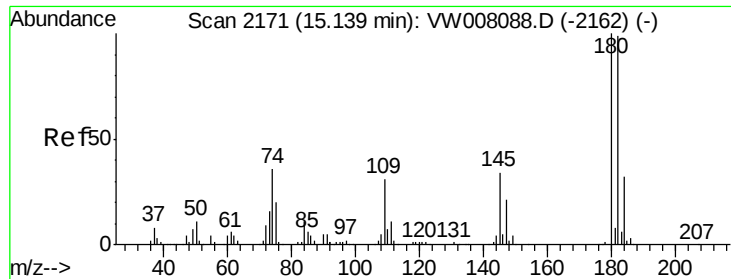
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.085 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.6	38.6	115.7
157	110.1	47.5	142.6



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

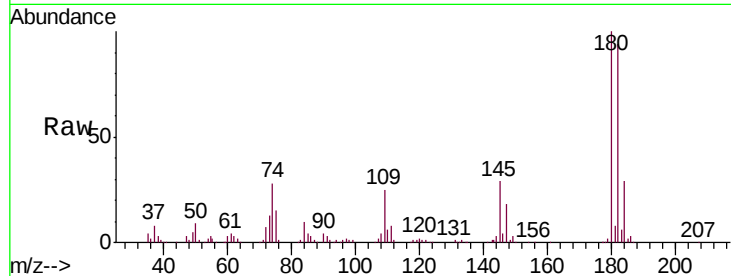




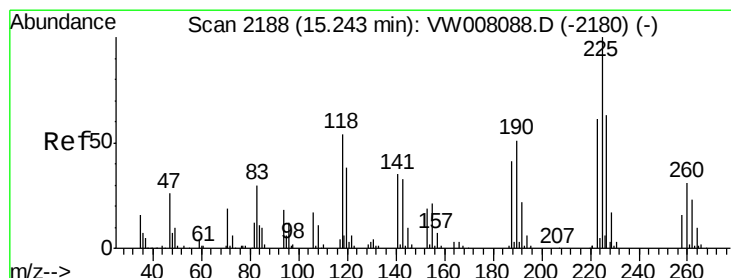
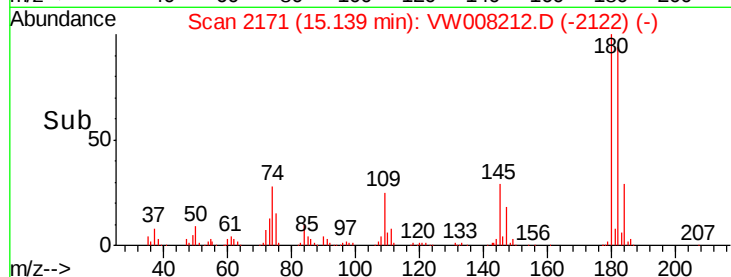
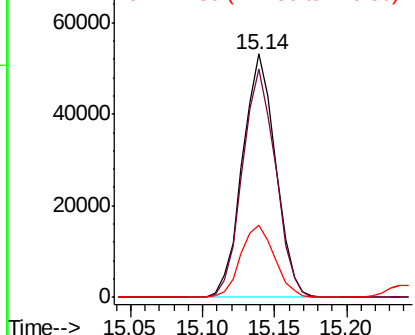
#93
 1,2,4-Trichlorobenzene
 Concen: 53.528 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 84752
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.6 145.9
 145 30.4 16.6 49.7

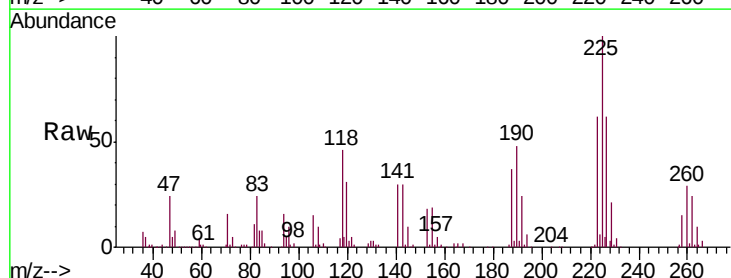


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

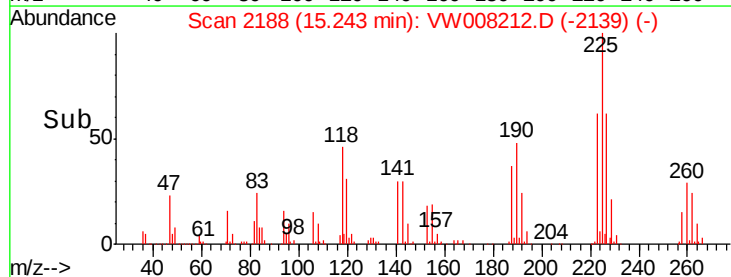
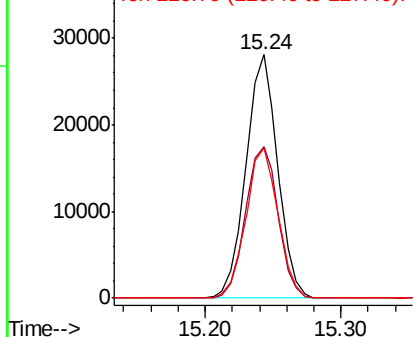


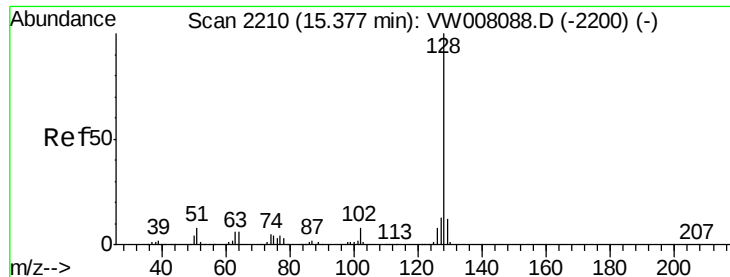
#94
 Hexachlorobutadiene
 Concen: 54.106 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008212.D
 Acq: 11 Jan 2019 23:42

Tgt Ion:225 Resp: 45852
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.4 94.3
 227 62.6 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

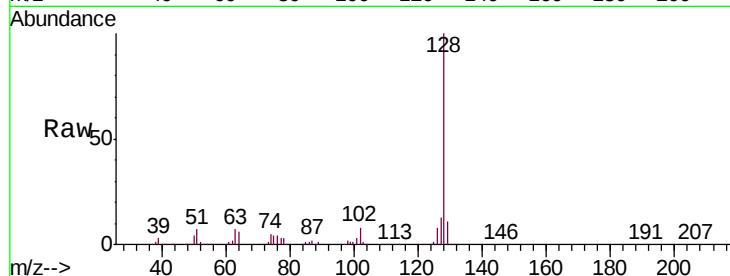




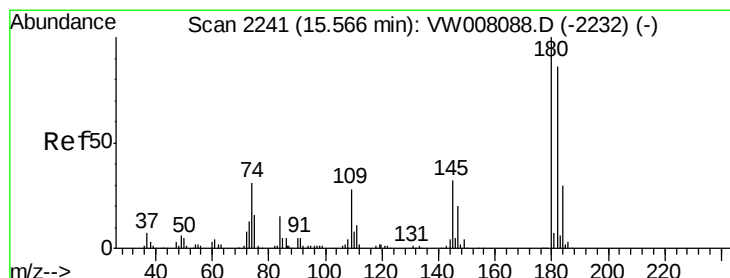
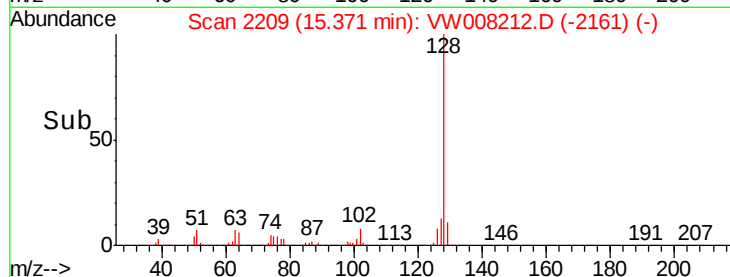
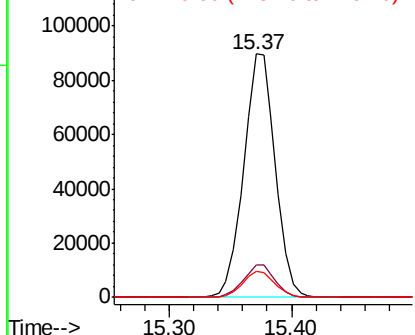
#95
Naphthalene
Concen: 54.277 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 160464
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 10.8 9.0 13.6

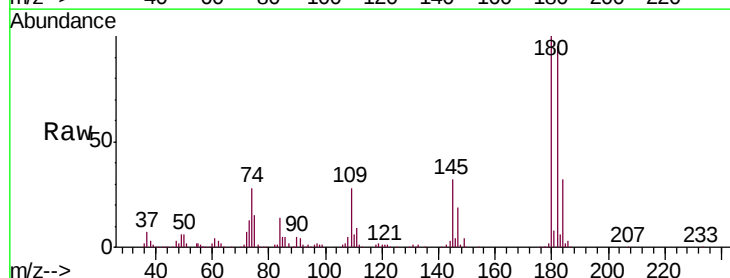


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 54.090 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW008212.D
Acq: 11 Jan 2019 23:42

Tgt Ion:180 Resp: 73008
Ion Ratio Lower Upper
180 100
182 95.3 46.5 139.3
145 33.6 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

