

Data File : VW008261.D
Acq On : 14 Jan 2019 21:56
Operator : SY/VA
Sample : VSTDCCC050EC
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Jan 14 22:30:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	95724	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	158038	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	146014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	73257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	51697	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
35) Dibromofluoromethane	7.88	113	51833	56.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.46%	
50) Toluene-d8	10.32	98	201833	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	12.62	95	70685	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	38572	49.373	ug/l	99
3) Chloromethane	2.21	50	45714	45.103	ug/l	93
4) Vinyl Chloride	2.37	62	60444	45.694	ug/l	97
5) Bromomethane	2.78	94	51145	51.613	ug/l	93
6) Chloroethane	2.92	64	40599	40.787	ug/l	99
7) Trichlorofluoromethane	3.26	101	49526	46.053	ug/l	94
8) Diethyl Ether	3.68	74	30901	50.828	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52839	49.488	ug/l	98
10) Methyl Iodide	4.26	142	81662	52.477	ug/l	100
11) Tert butyl alcohol	5.20	59	18676	287.401	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	52531	50.111	ug/l	89
13) Acrolein	3.89	56	20218	282.468	ug/l	94
14) Allyl chloride	4.67	41	92250	48.469	ug/l	99
15) Acrylonitrile	5.37	53	65248	281.898	ug/l	99
16) Acetone	4.14	43	50475	262.026	ug/l	99
17) Carbon Disulfide	4.37	76	158625	48.439	ug/l	97
18) Methyl Acetate	4.67	43	42181	62.034	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	87499	51.343	ug/l	97
20) Methylene Chloride	4.91	84	57193	54.419	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	59730	52.432	ug/l	94
22) Diisopropyl ether	6.31	45	185736	51.169	ug/l	99
23) Vinyl Acetate	6.25	43	507729	266.330	ug/l	97
24) 1,1-Dichloroethane	6.21	63	107620	50.885	ug/l	100
25) 2-Butanone	7.18	43	80544	269.075	ug/l	98
26) 2,2-Dichloropropane	7.16	77	65060	45.400	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	65058	52.343	ug/l	95
28) Bromochloromethane	7.51	49	42709	51.054	ug/l	94
29) Tetrahydrofuran	7.53	42	55162	275.875	ug/l	98
30) Chloroform	7.67	83	108298	53.796	ug/l	98
31) Cyclohexane	7.95	56	99724	44.045	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	90301	51.552	ug/l	99
36) 1,1-Dichloropropene	8.08	75	86362	53.050	ug/l	98
37) Ethyl Acetate	7.25	43	36995	56.723	ug/l	99
38) Carbon Tetrachloride	8.07	117	82466	55.345	ug/l	96

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Quant Title : SW846 8260

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	104497	50.623	ug/l	95
40) Benzene	8.32	78	244623	55.401	ug/l	96
41) Methacrylonitrile	7.49	41	24189	58.712	ug/l	95
42) 1,2-Dichloroethane	8.40	62	68851	55.441	ug/l	100
43) Isopropyl Acetate	8.42	43	75591	57.968	ug/l	97
44) Trichloroethene	9.09	130	64364	56.944	ug/l	99
45) 1,2-Dichloropropane	9.37	63	60643	55.390	ug/l	94
46) Dibromomethane	9.46	93	32182	59.853	ug/l	94
47) Bromodichloromethane	9.65	83	78640	57.600	ug/l	95
48) Methyl methacrylate	9.43	41	35327	57.413	ug/l	91
49) 1,4-Dioxane	9.47	88	10544	1219.389	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	190117	301.193	ug/l	100
52) Toluene	10.39	92	156339	55.442	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	80186	56.463	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	93298	55.402	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	46105	61.074	ug/l	95
56) Ethyl methacrylate	10.65	69	57085	61.061	ug/l	98
57) 1,3-Dichloropropane	10.93	76	80038	57.972	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	136547	282.755	ug/l	96
59) 2-Hexanone	10.97	43	128342	300.668	ug/l	98
60) Dibromochloromethane	11.13	129	52703	63.576	ug/l	95
61) 1,2-Dibromoethane	11.24	107	44510	62.138	ug/l	100
64) Tetrachloroethene	10.86	164	54209	57.047	ug/l	97
65) Chlorobenzene	11.66	112	171084	55.306	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	58189	57.834	ug/l	99
67) Ethyl Benzene	11.73	91	300688	53.124	ug/l	98
68) m/p-Xylenes	11.84	106	234441	108.518	ug/l	96
69) o-Xylene	12.17	106	110845	55.405	ug/l	96
70) Styrene	12.18	104	179248	57.202	ug/l	99
71) Bromoform	12.35	173	30720	68.221	ug/l #	95
73) Isopropylbenzene	12.47	105	298543	51.908	ug/l	100
74) N-amyl acetate	12.27	43	69408	54.495	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	53204	57.794	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	69569	104.174	ug/l	21
77) Bromobenzene	12.75	156	69602	57.274	ug/l	89
78) n-propylbenzene	12.80	91	356306	50.561	ug/l	99
79) 2-Chlorotoluene	12.90	91	199379	50.712	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	245561	51.957	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	16105	56.159	ug/l	99
82) 4-Chlorotoluene	12.99	91	206600	49.894	ug/l	96
83) tert-Butylbenzene	13.21	119	215400	51.516	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	243601	49.974	ug/l	97
85) sec-Butylbenzene	13.39	105	302200	49.340	ug/l	98
86) p-Isopropyltoluene	13.50	119	273850	51.776	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	135367	54.912	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	131639	53.224	ug/l	97
89) n-Butylbenzene	13.83	91	259336	50.063	ug/l	98
90) Hexachloroethane	14.10	117	48729	54.546	ug/l	89
91) 1,2-Dichlorobenzene	13.87	146	120493	55.616	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8476	57.211	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011419\
Quantitation Report (Not Reviewed)

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ClientSampleId :
VSTDCCC050EC

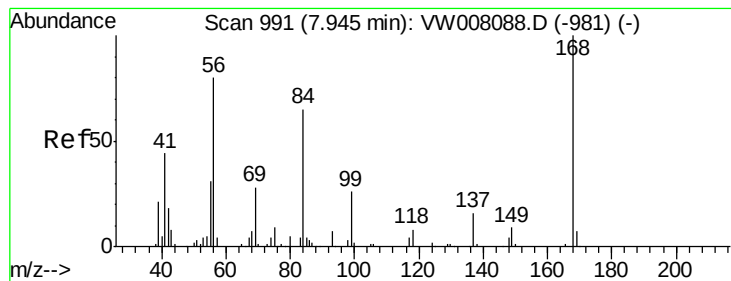
Quant Time: Jan 14 22:30:21 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	81266	56.498	ug/l	94
94) Hexachlorobutadiene	15.24	225	44527	57.836	ug/l	100
95) Naphthalene	15.37	128	155811	58.013	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	70377	57.395	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

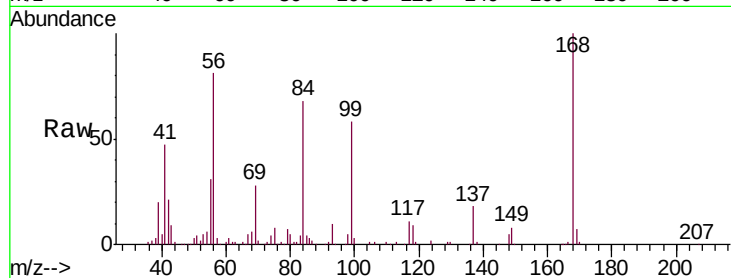
VSTDCCC050EC

Tgt Ion:168 Resp: 95724

Ion Ratio Lower Upper

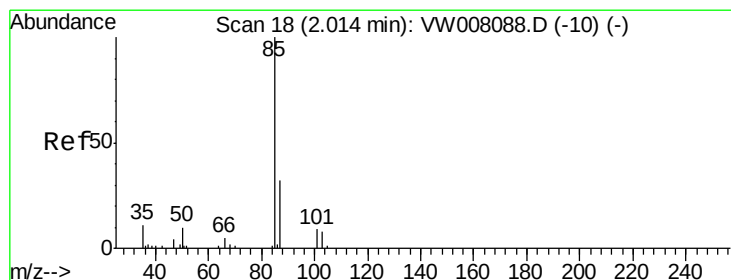
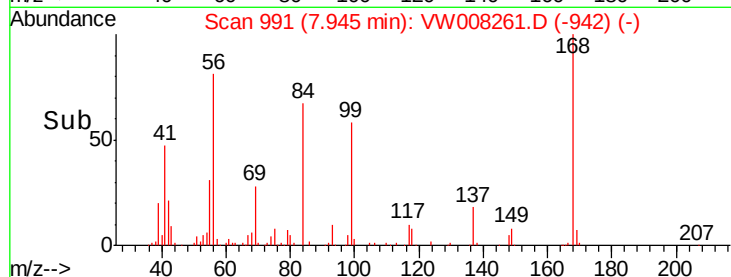
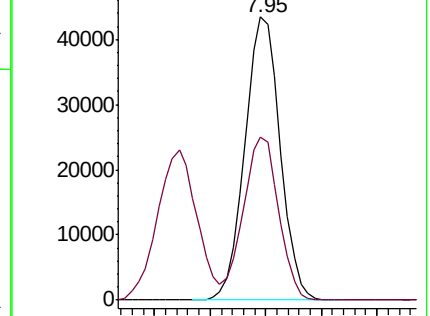
168 100

99 57.3 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 49.373 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008261.D

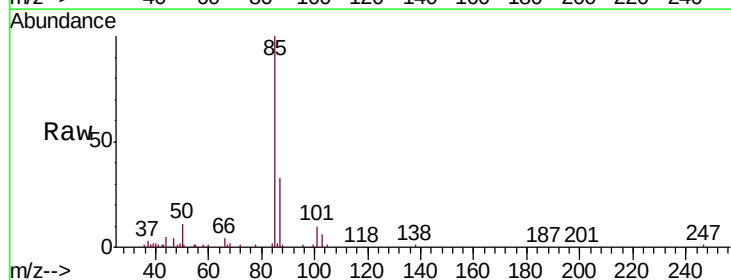
Acq: 14 Jan 2019 21:56

Tgt Ion: 85 Resp: 38572

Ion Ratio Lower Upper

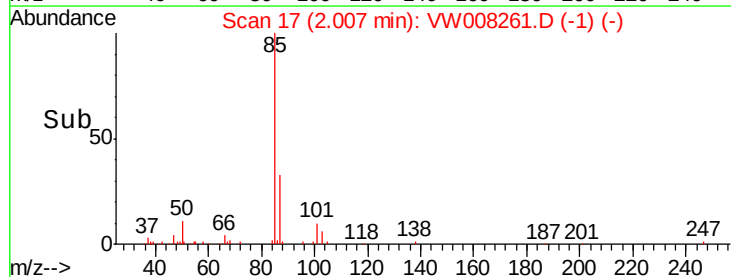
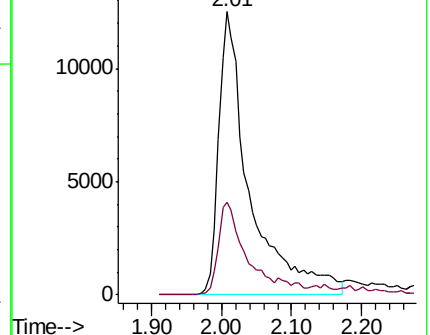
85 100

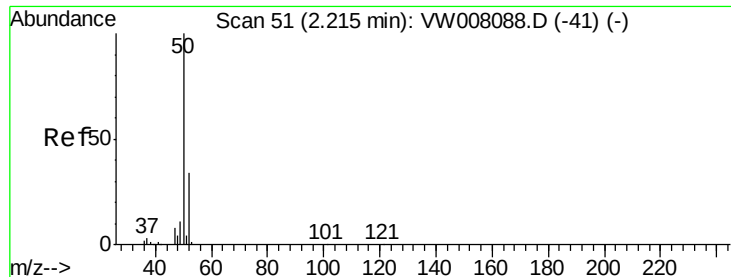
87 32.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.103 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

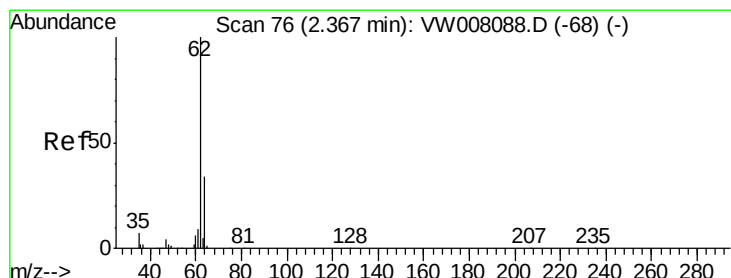
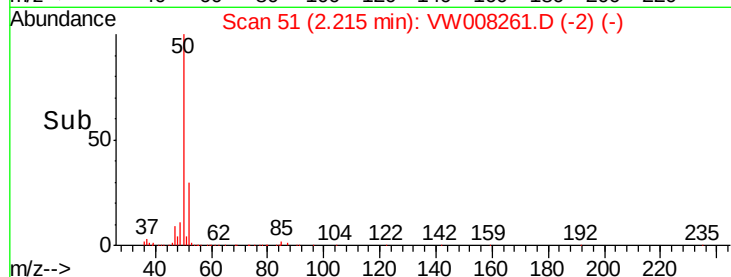
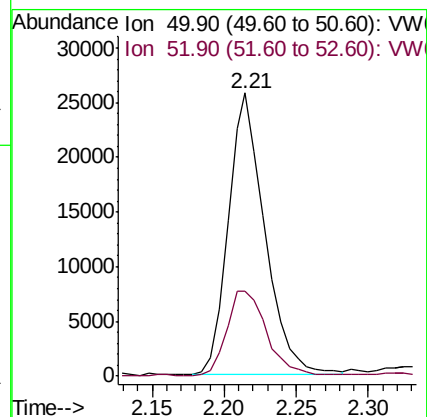
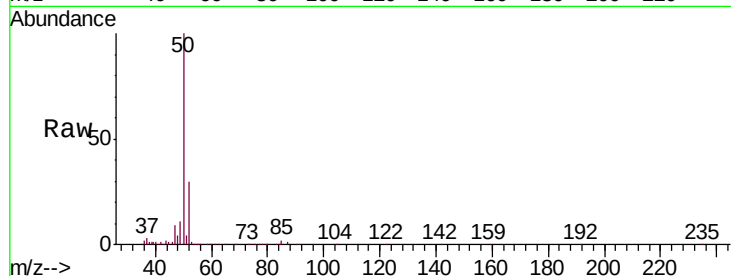
VSTDCCC050EC

Tgt Ion: 50 Resp: 45714

Ion Ratio Lower Upper

50 100

52 29.7 26.8 40.2



#4

Vinyl Chloride

Concen: 45.694 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008261.D

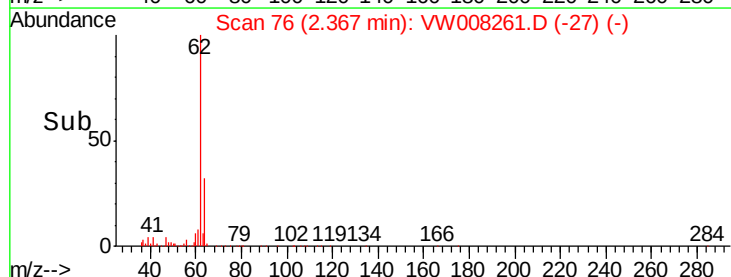
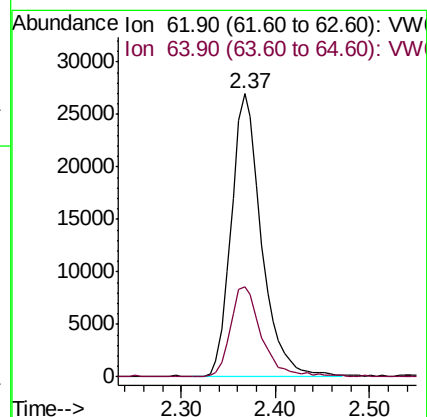
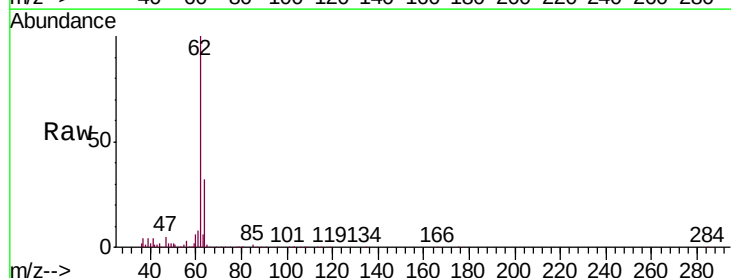
Acq: 14 Jan 2019 21:56

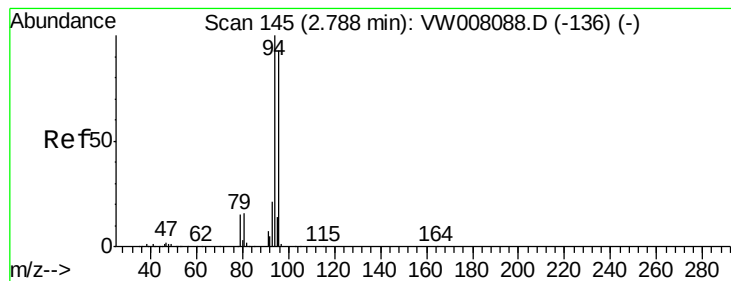
Tgt Ion: 62 Resp: 60444

Ion Ratio Lower Upper

62 100

64 31.8 27.0 40.6





#5

Bromomethane

Concen: 51.613 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

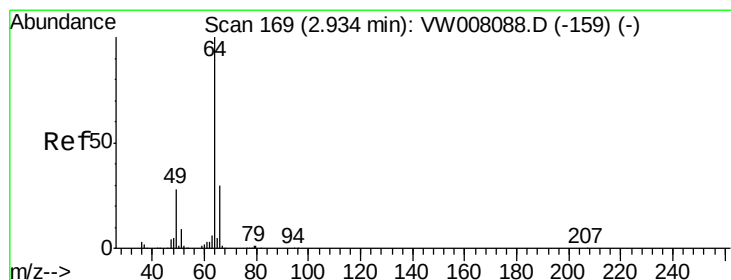
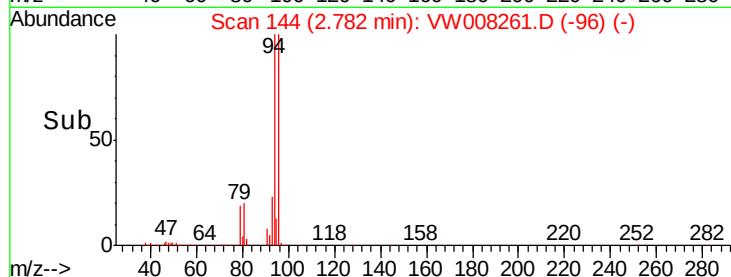
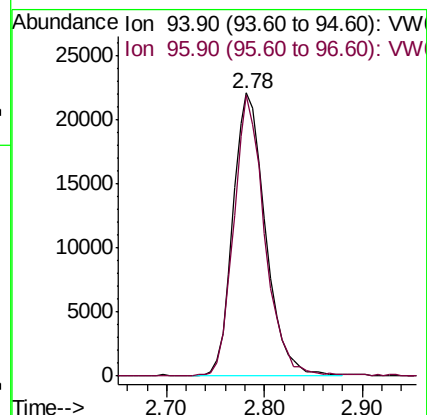
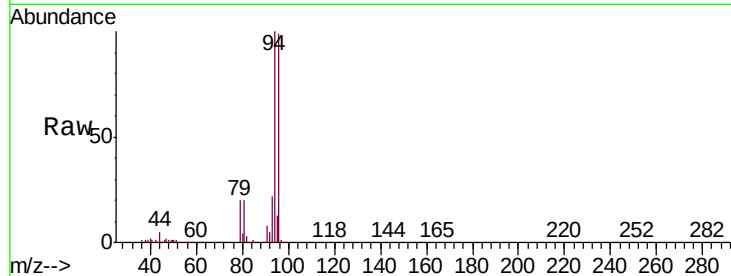
VSTDCCC050EC

Tgt Ion: 94 Resp: 51145

Ion Ratio Lower Upper

94 100

96 99.2 74.1 111.1



#6

Chloroethane

Concen: 40.787 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008261.D

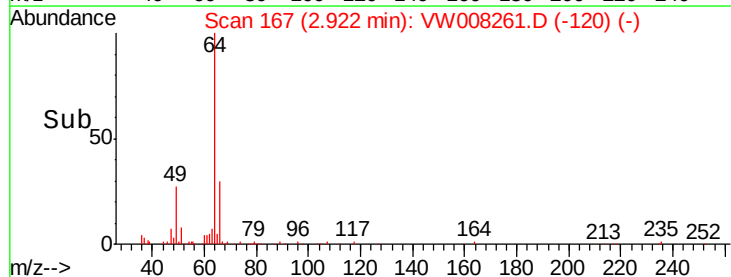
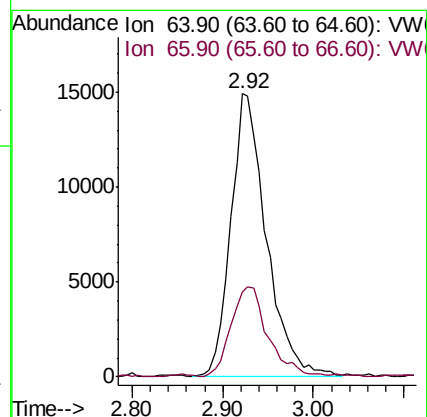
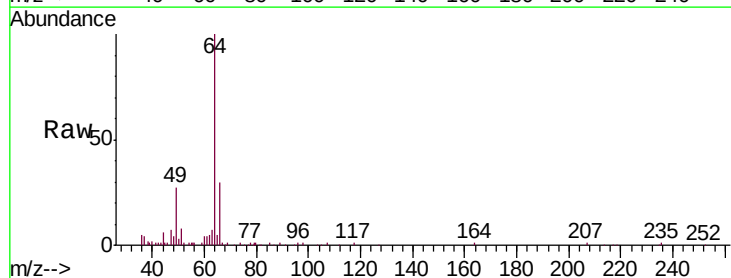
Acq: 14 Jan 2019 21:56

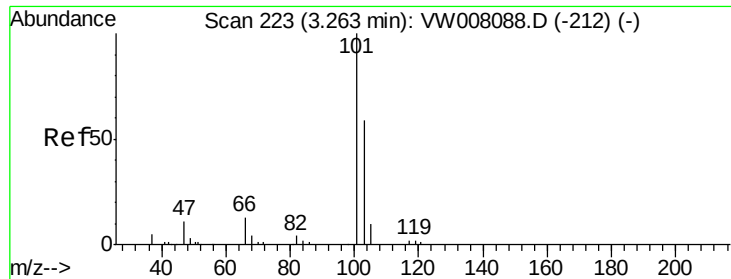
Tgt Ion: 64 Resp: 40599

Ion Ratio Lower Upper

64 100

66 29.8 24.2 36.2



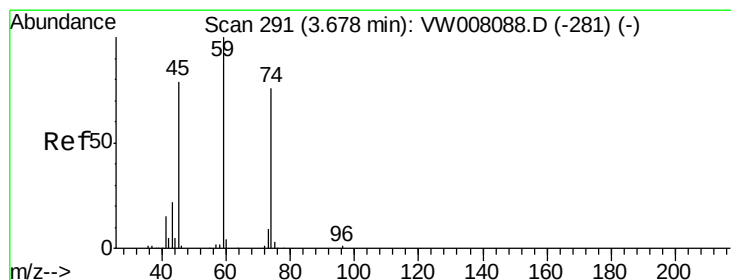
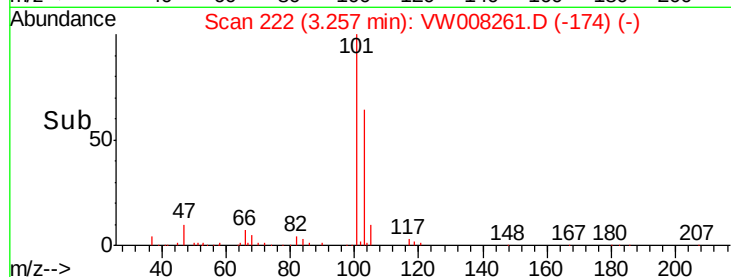
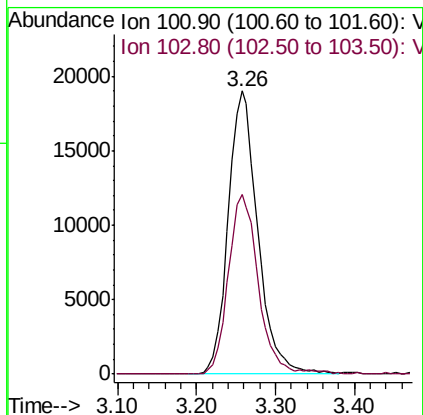
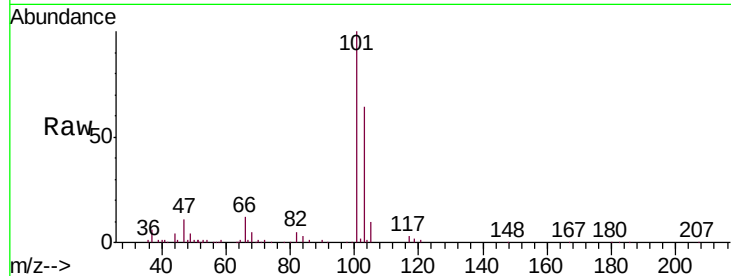


#7

Trichlorofluoromethane
 Concen: 46.053 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008261.D
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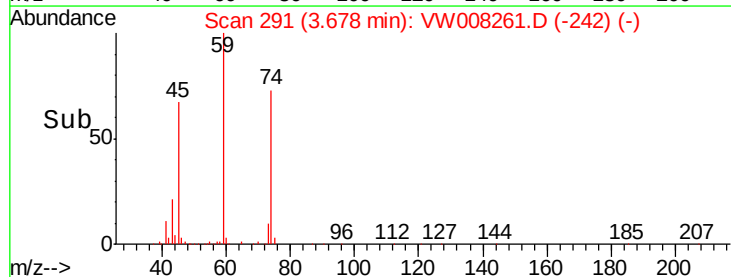
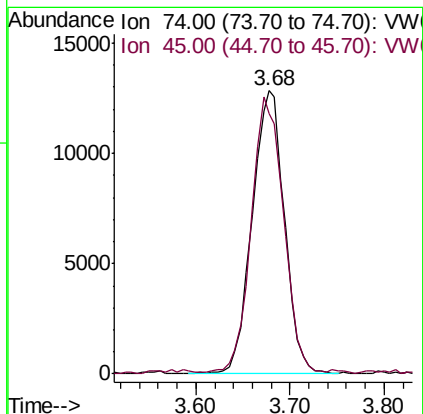
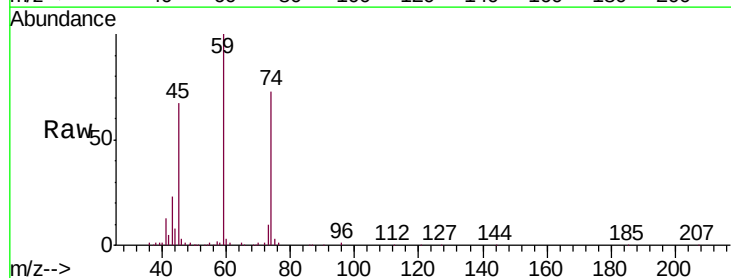
Tgt Ion:101 Resp: 49526
 Ion Ratio Lower Upper
 101 100
 103 63.7 47.0 70.6

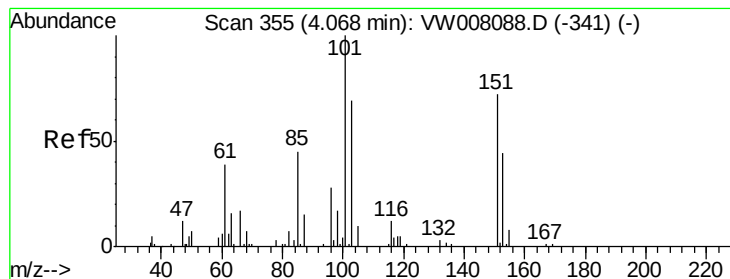


#8

Diethyl Ether
 Concen: 50.828 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion: 74 Resp: 30901
 Ion Ratio Lower Upper
 74 100
 45 96.1 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.488 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

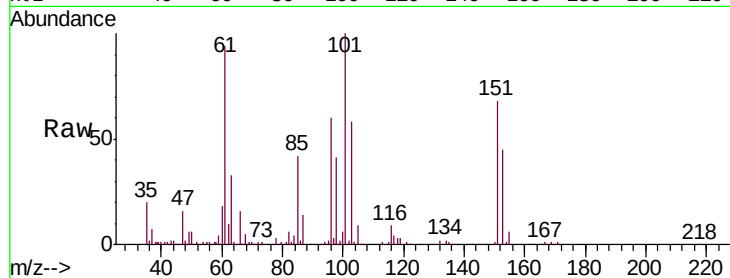
Tgt Ion:101 Resp: 52839

Ion Ratio Lower Upper

101 100

85 45.5 35.9 53.9

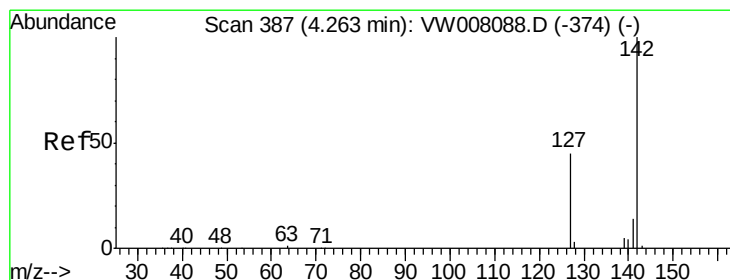
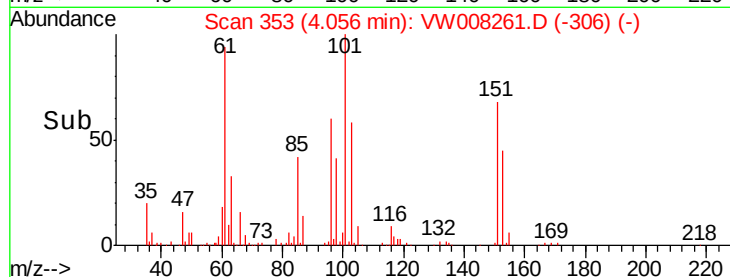
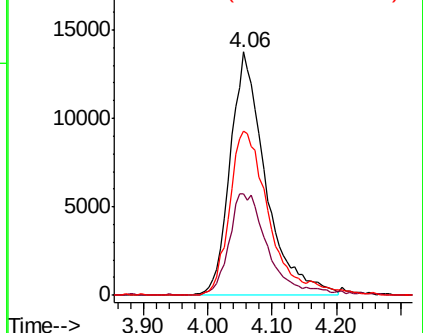
151 71.8 55.8 83.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.477 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

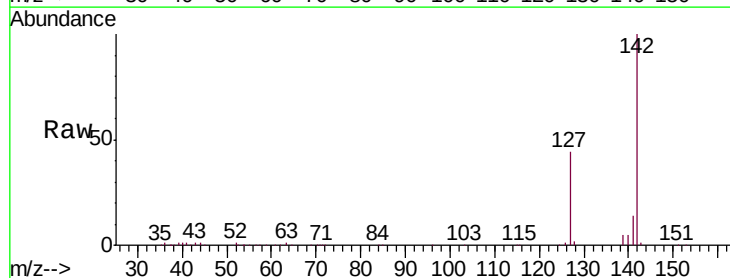
Tgt Ion:142 Resp: 81662

Ion Ratio Lower Upper

142 100

127 43.6 35.0 52.4

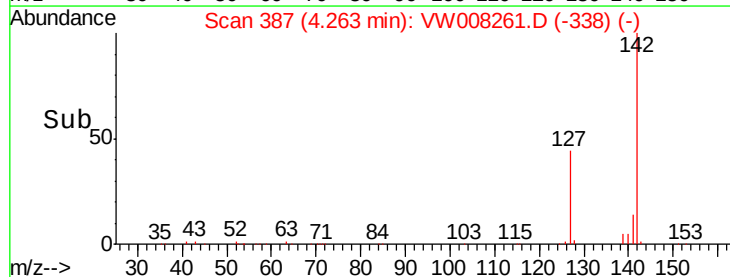
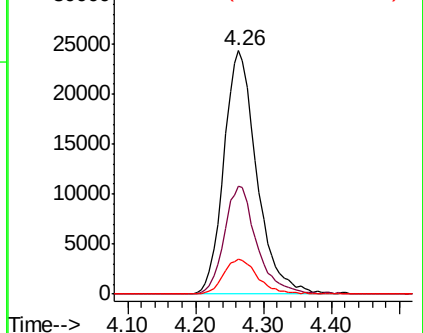
141 14.9 11.8 17.6

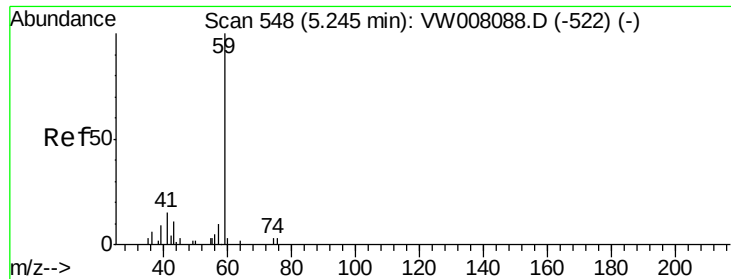


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



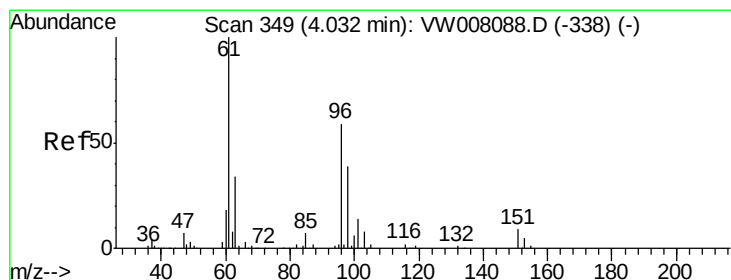
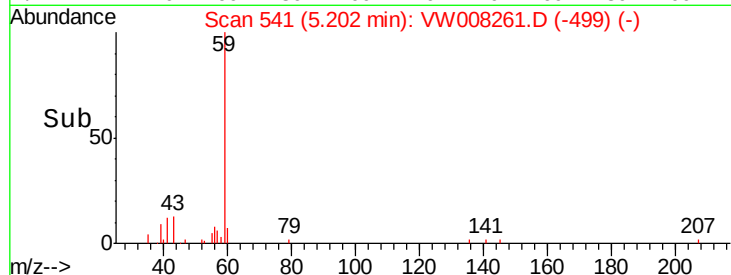
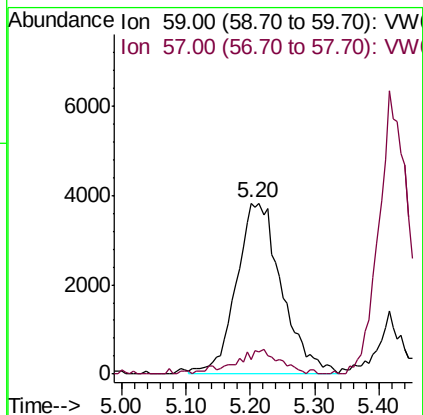
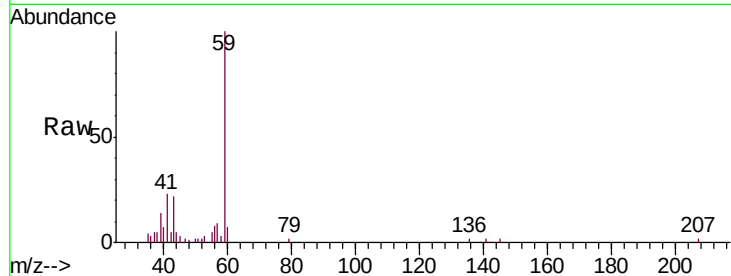


#11

Tert butyl alcohol
 Concen: 287.401 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. -0.04 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

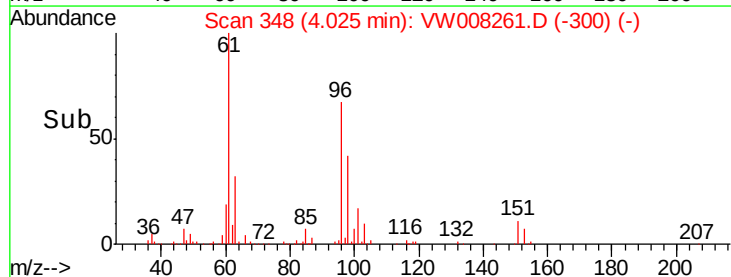
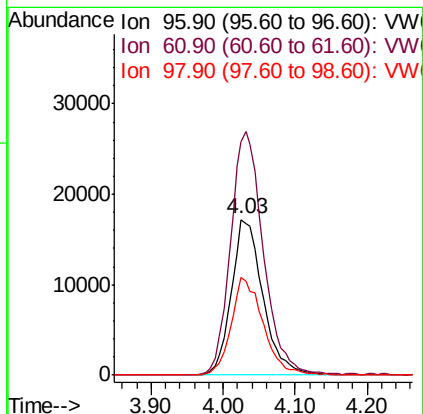
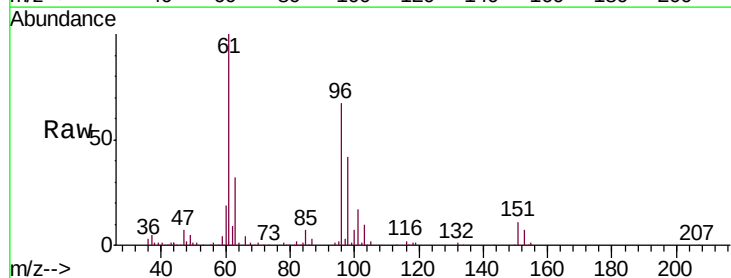
Tgt Ion: 59 Resp: 18676
 Ion Ratio Lower Upper
 59 100
 57 12.7 0.0 0.0#

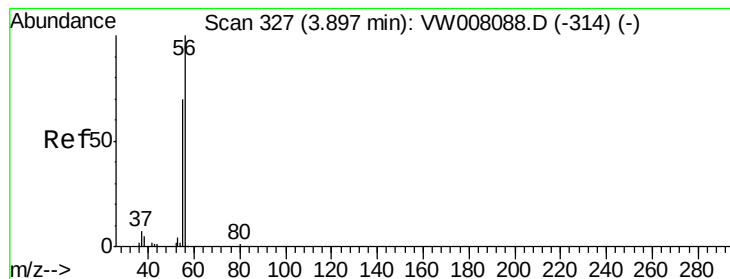


#12

1,1-Dichloroethene
 Concen: 50.111 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion: 96 Resp: 52531
 Ion Ratio Lower Upper
 96 100
 61 149.9 135.4 203.2
 98 63.3 52.5 78.7





#13

Acrolein

Concen: 282.468 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

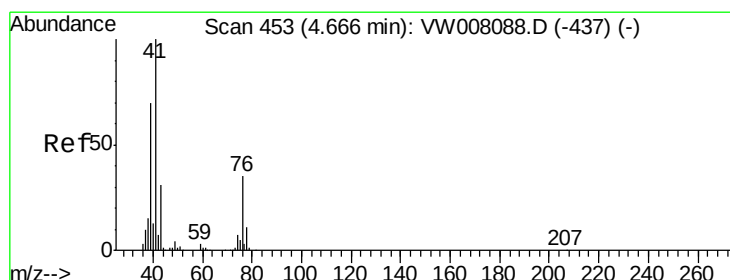
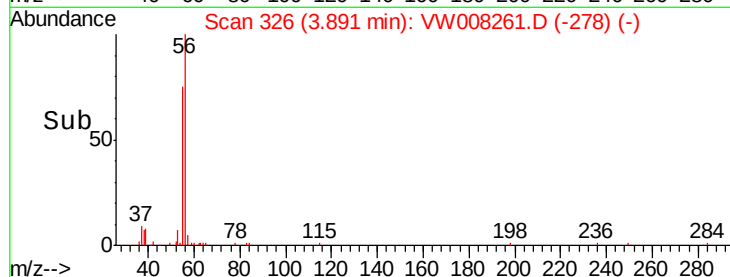
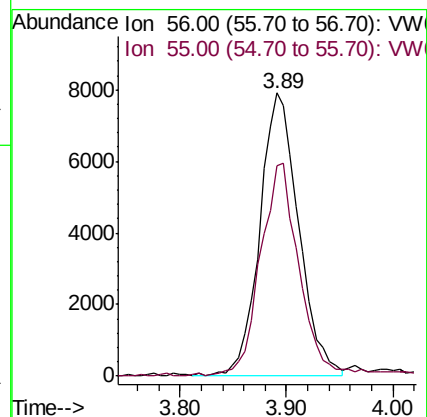
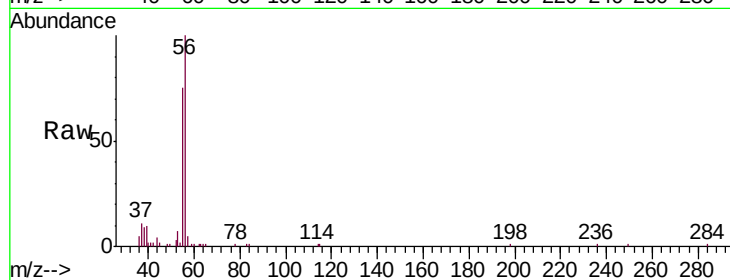
VSTDCCC050EC

Tgt Ion: 56 Resp: 20218

Ion Ratio Lower Upper

56 100

55 75.6 56.6 84.8



#14

Allyl chloride

Concen: 48.469 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

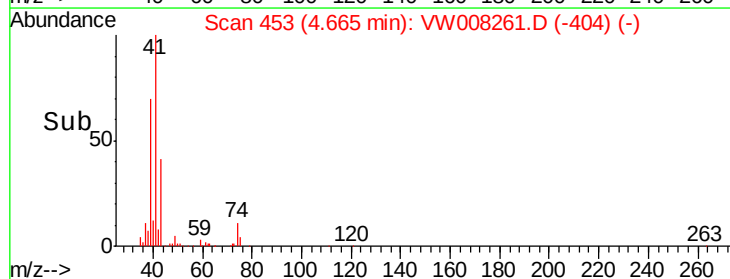
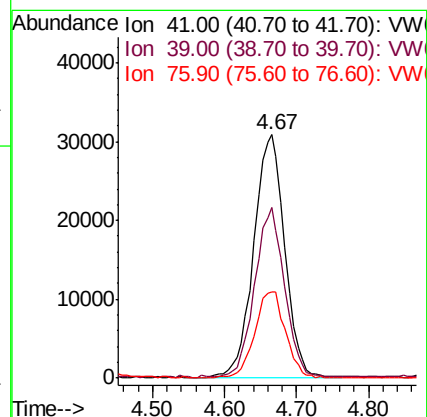
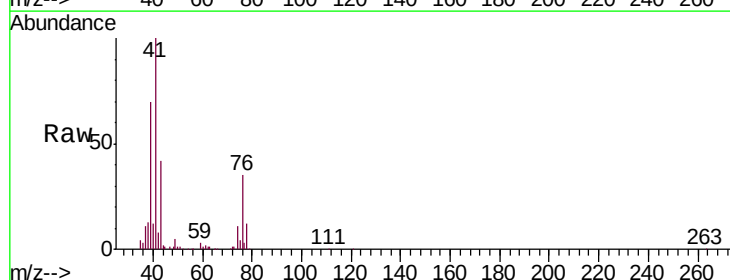
Tgt Ion: 41 Resp: 92250

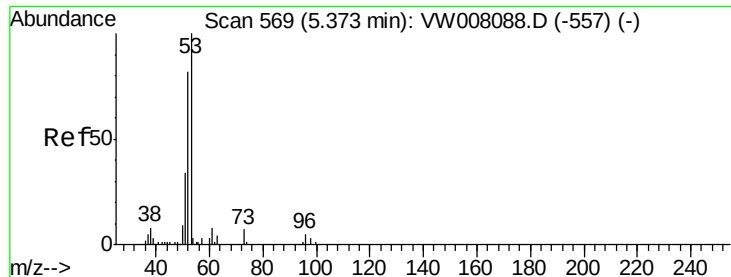
Ion Ratio Lower Upper

41 100

39 66.3 53.8 80.8

76 35.3 27.6 41.4





#15

Acrylonitrile

Concen: 281.898 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

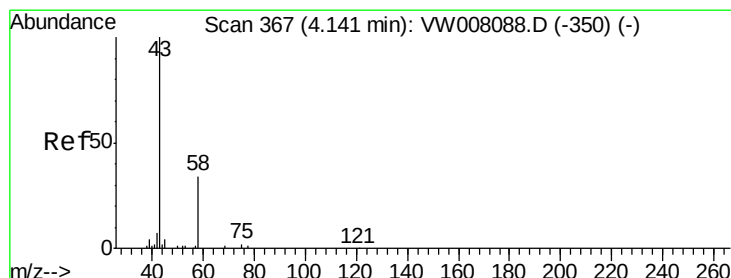
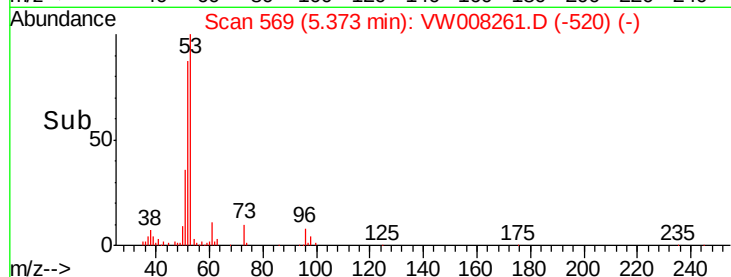
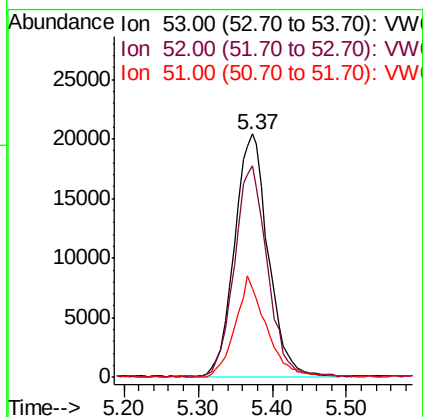
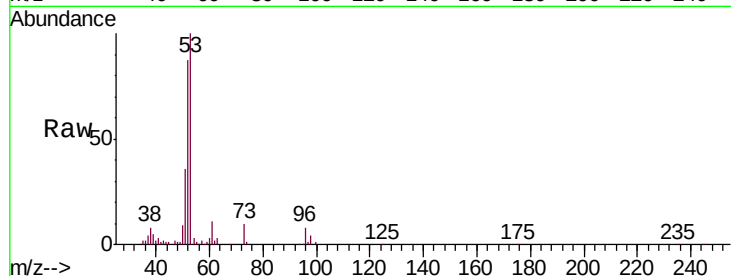
Tgt Ion: 53 Resp: 65248

Ion Ratio Lower Upper

53 100

52 84.3 66.8 100.2

51 37.7 29.7 44.5



#16

Acetone

Concen: 262.026 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008261.D

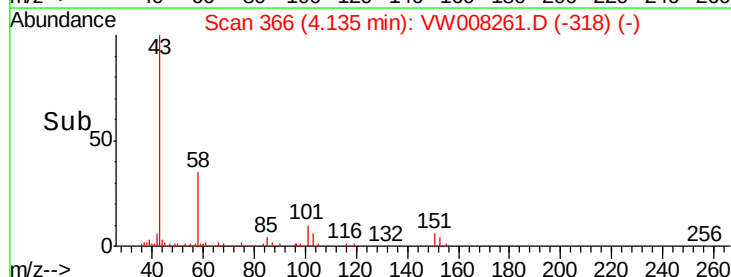
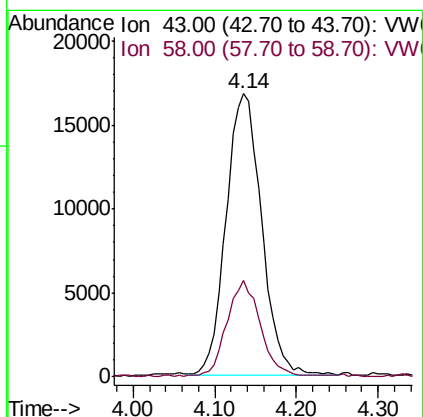
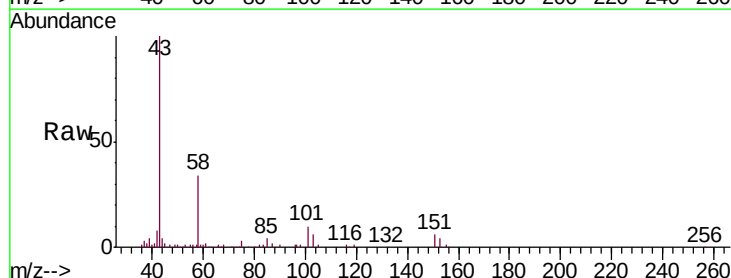
Acq: 14 Jan 2019 21:56

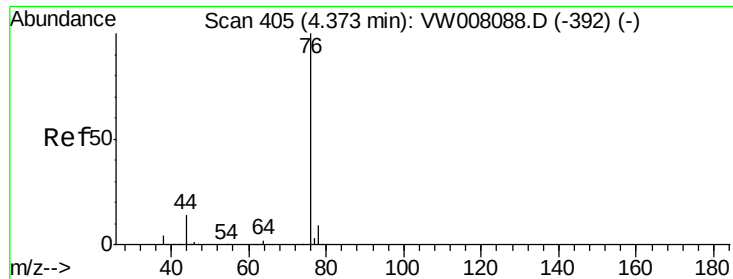
Tgt Ion: 43 Resp: 50475

Ion Ratio Lower Upper

43 100

58 33.9 27.5 41.3

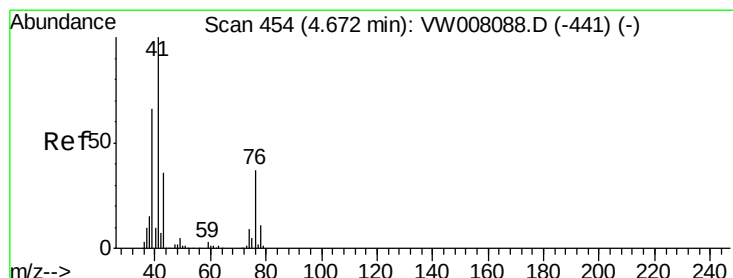
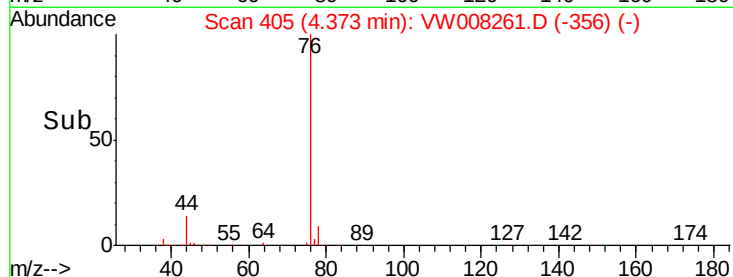
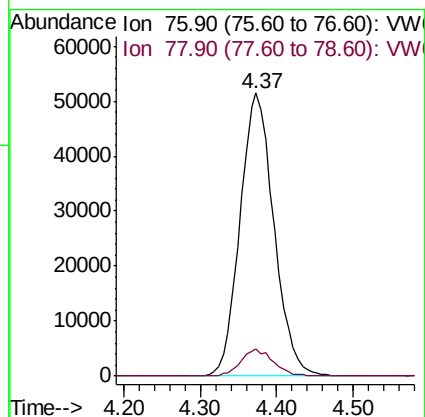
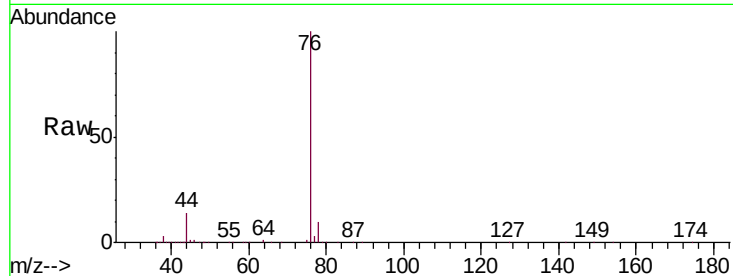




#17
Carbon Disulfide
Concen: 48.439 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

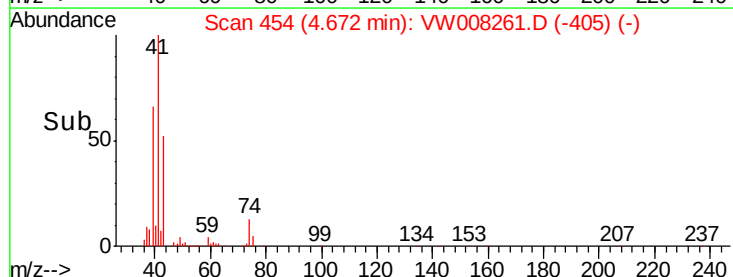
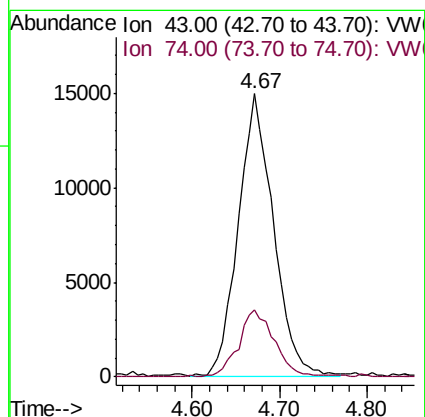
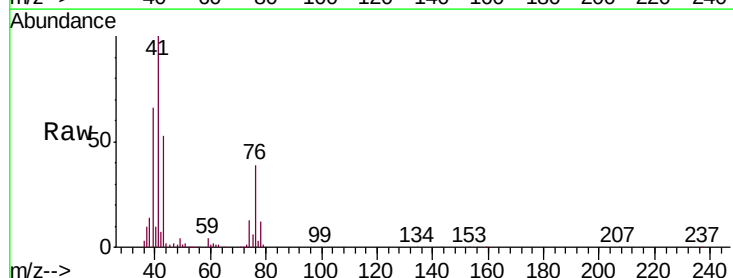
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

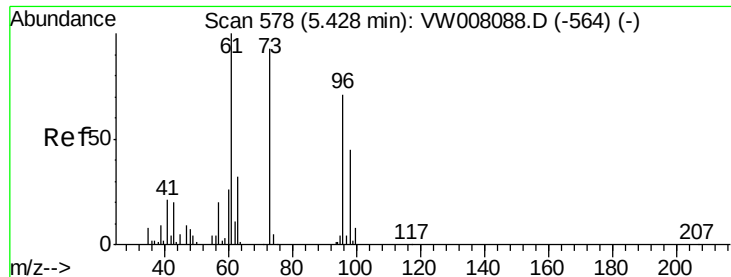
Tgt Ion: 76 Resp: 158625
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.6



#18
Methyl Acetate
Concen: 62.034 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion: 43 Resp: 42181
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.4





#19

Methyl tert-butyl Ether

Concen: 51.343 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

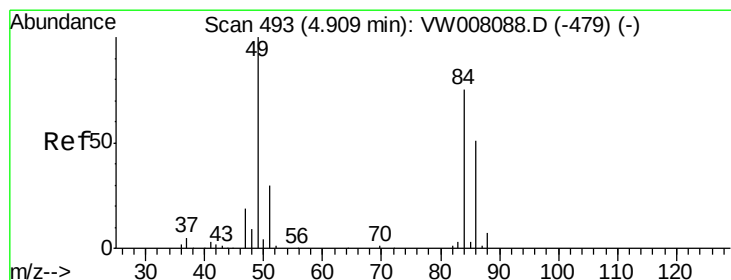
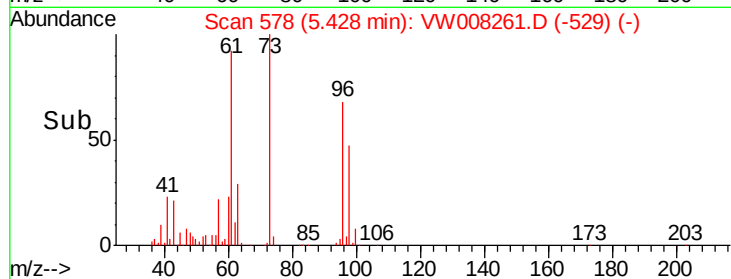
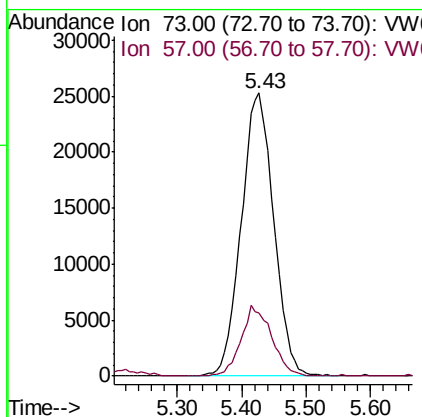
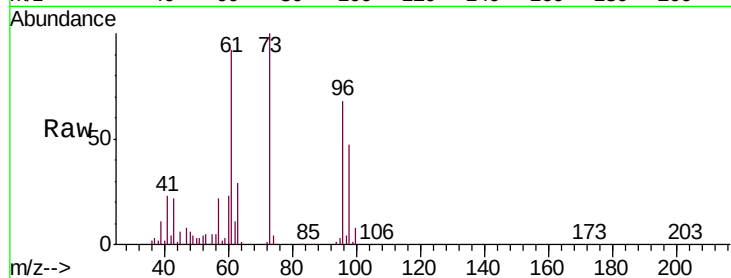
VSTDCCC050EC

Tgt Ion: 73 Resp: 87499

Ion Ratio Lower Upper

73 100

57 22.4 16.7 25.1



#20

Methylene Chloride

Concen: 54.419 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Tgt Ion: 84 Resp: 57193

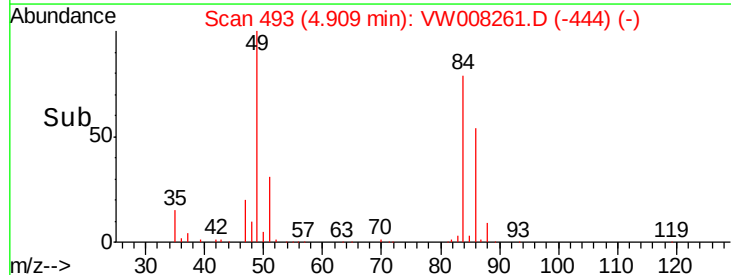
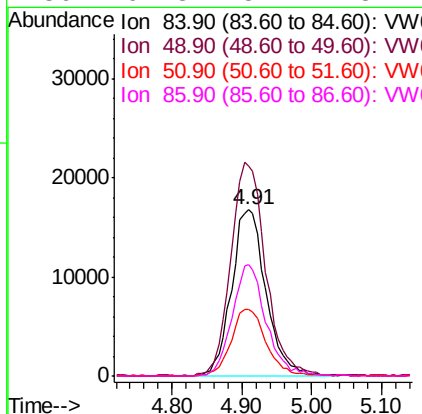
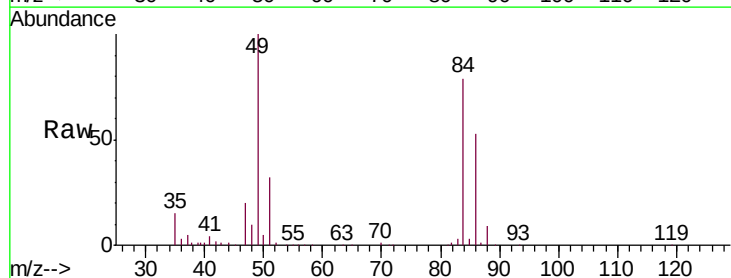
Ion Ratio Lower Upper

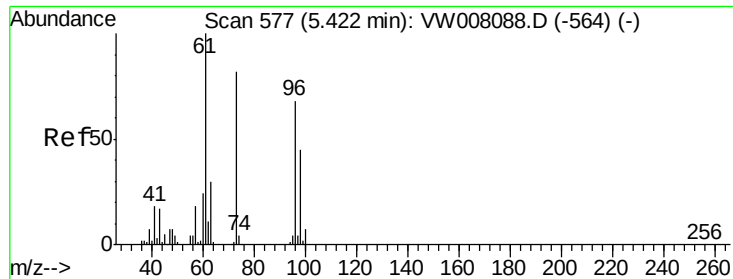
84 100

49 126.4 107.1 160.7

51 39.9 32.4 48.6

86 67.3 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 52.432 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

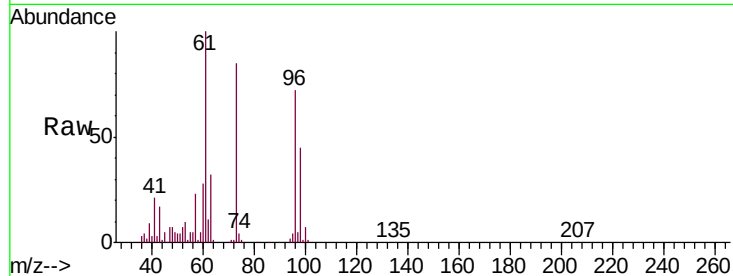
Tgt Ion: 96 Resp: 59730

Ion Ratio Lower Upper

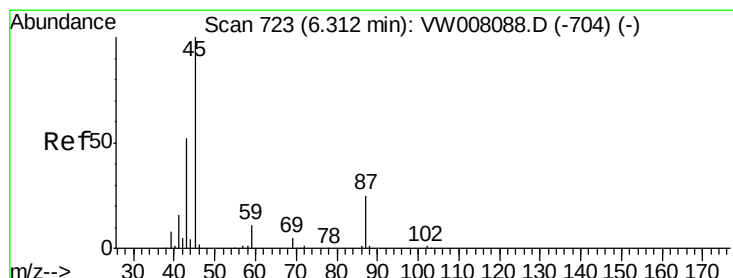
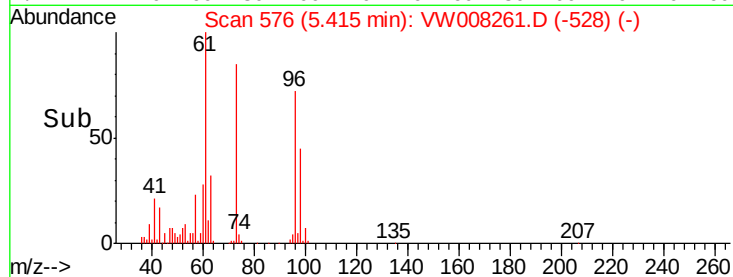
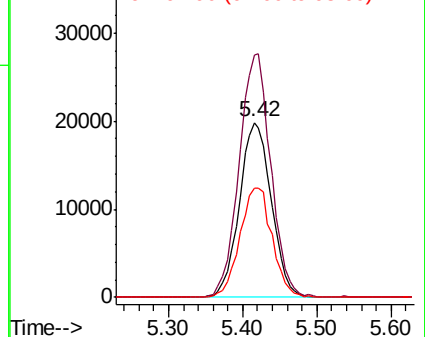
96 100

61 138.2 117.4 176.0

98 62.6 52.2 78.4



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



#22

Diisopropyl ether

Concen: 51.169 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Tgt Ion: 45 Resp: 185736

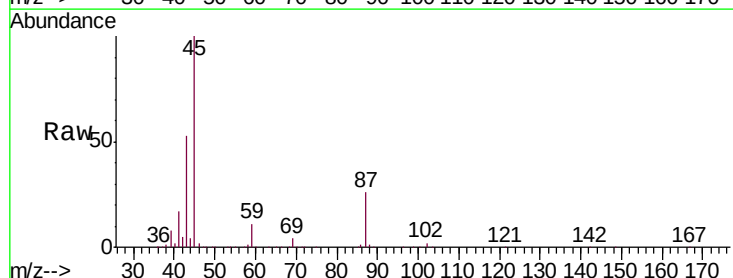
Ion Ratio Lower Upper

45 100

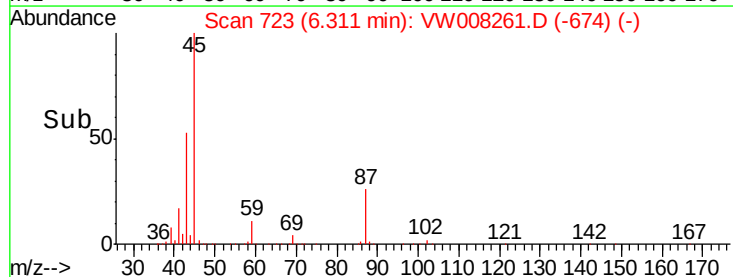
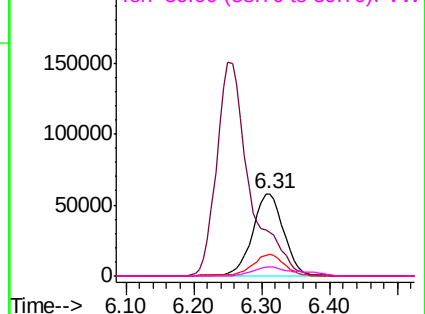
43 52.4 41.7 62.5

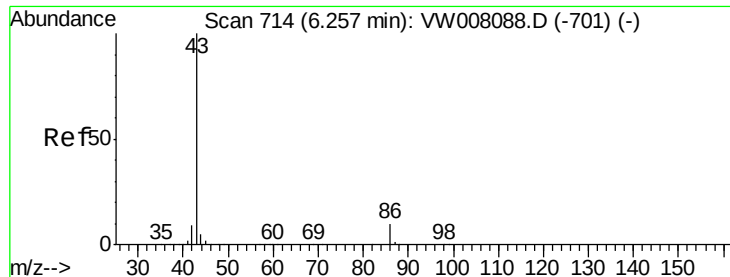
87 26.4 20.1 30.1

59 10.6 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 266.330 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

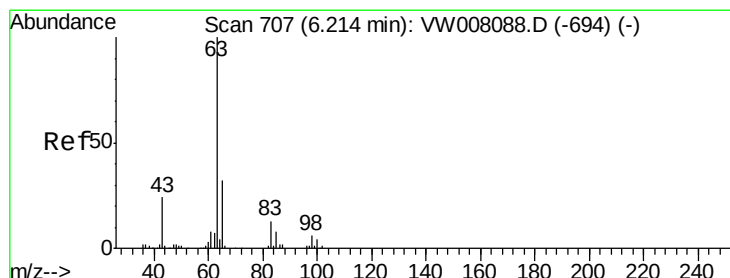
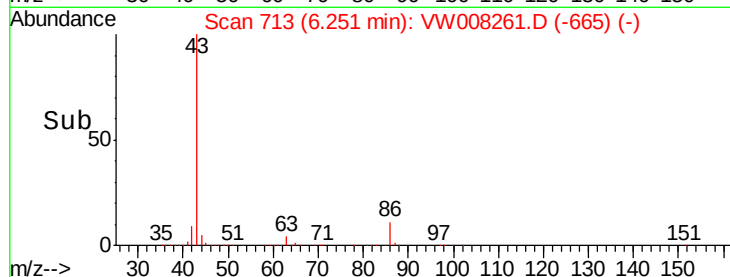
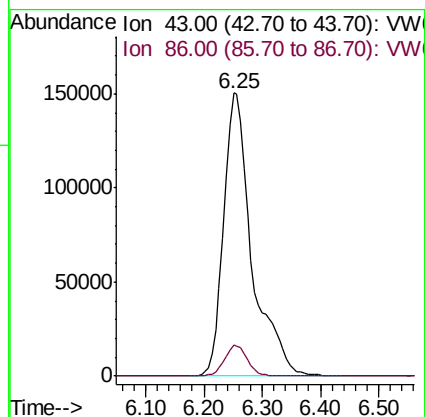
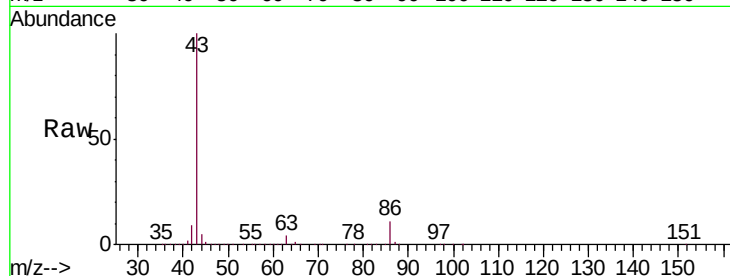
VSTDCCC050EC

Tgt Ion: 43 Resp: 507729

Ion Ratio Lower Upper

43 100

86 10.8 7.7 11.5



#24

1,1-Dichloroethane

Concen: 50.885 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

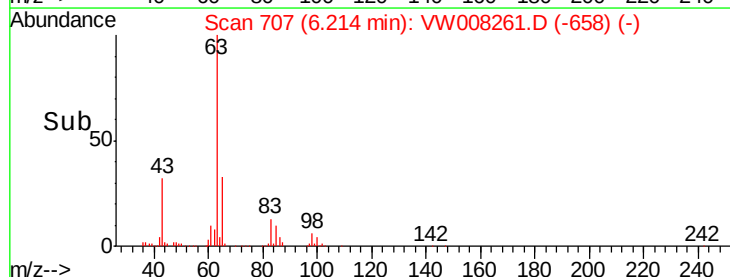
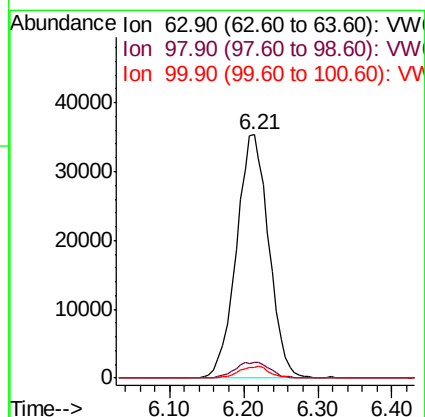
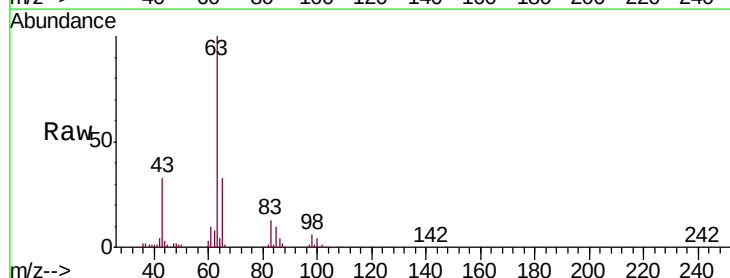
Tgt Ion: 63 Resp: 107620

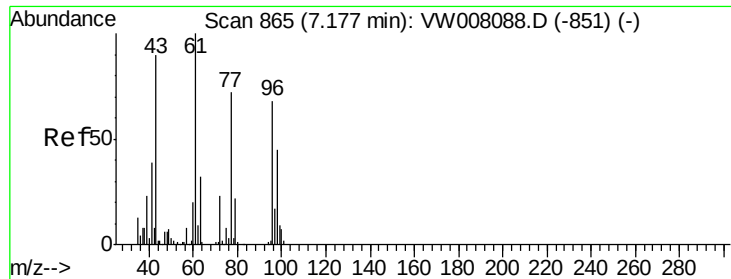
Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 269.075 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

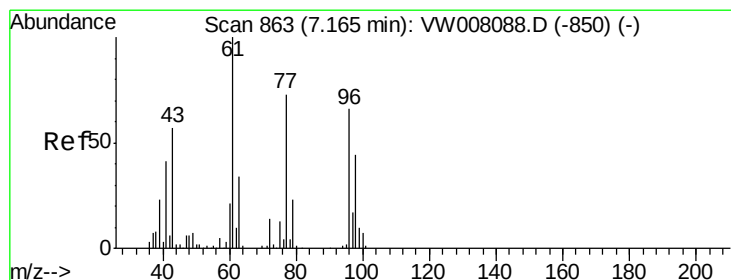
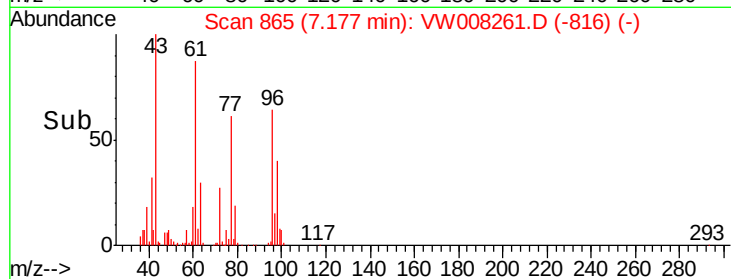
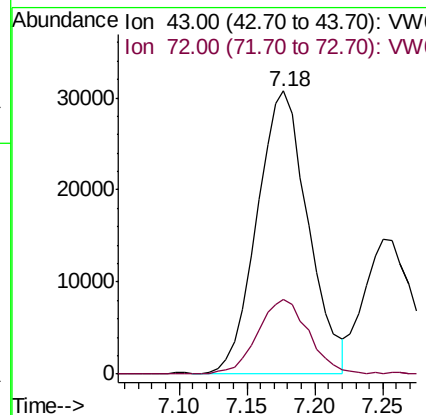
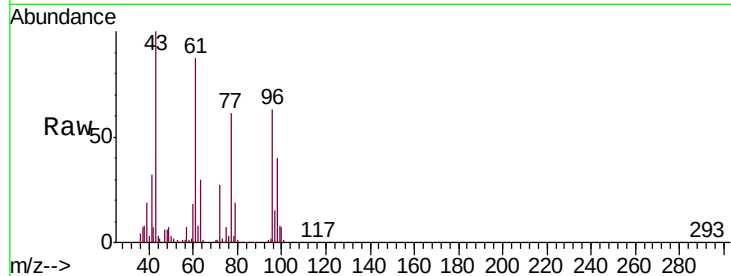
VSTDCCC050EC

Tgt Ion: 43 Resp: 80544

Ion Ratio Lower Upper

43 100

72 26.6 20.5 30.7



#26

2,2-Dichloropropane

Concen: 45.400 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008261.D

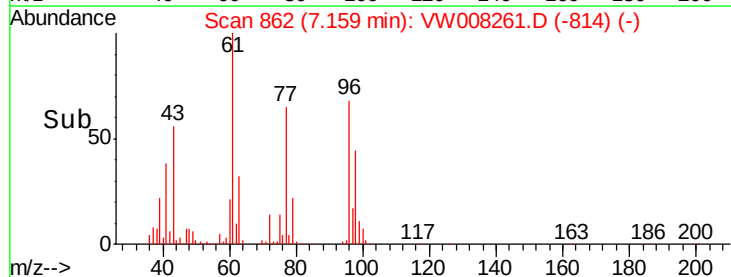
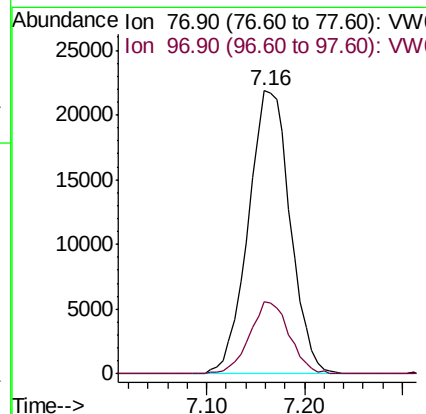
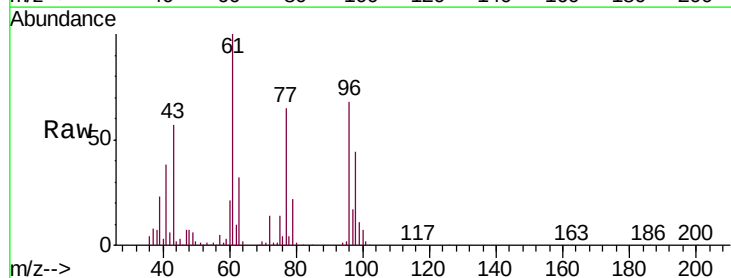
Acq: 14 Jan 2019 21:56

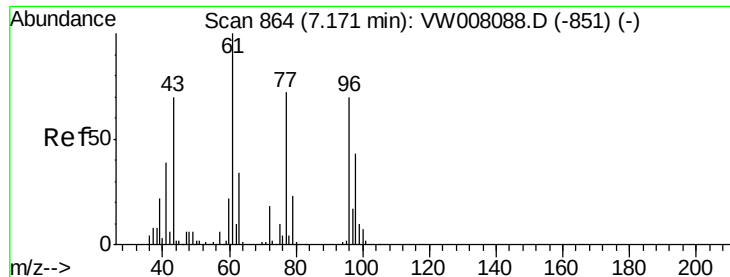
Tgt Ion: 77 Resp: 65060

Ion Ratio Lower Upper

77 100

97 24.2 11.4 34.1



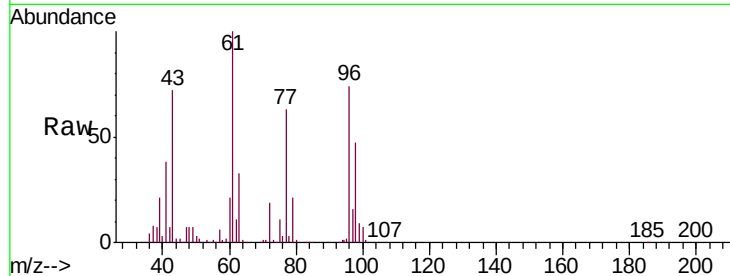


#27

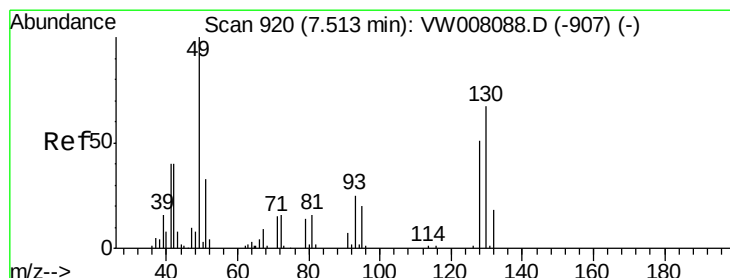
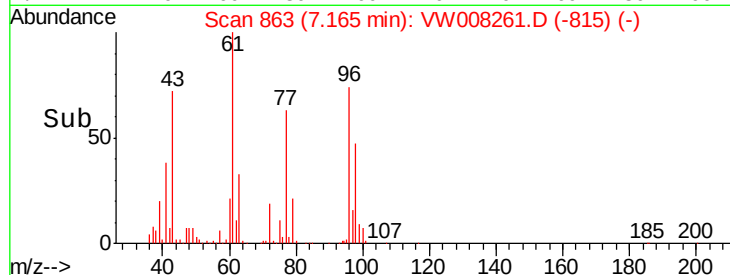
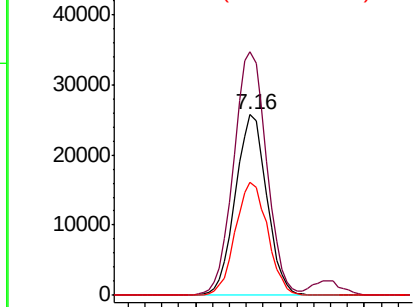
cis-1,2-Dichloroethene
Concen: 52.343 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 65058
Ion Ratio Lower Upper
96 100
61 140.9 0.0 300.4
98 64.3 0.0 128.4



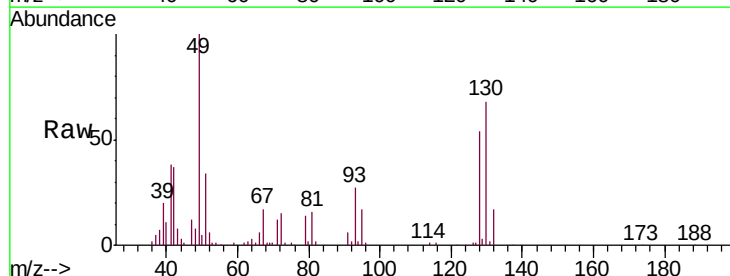
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



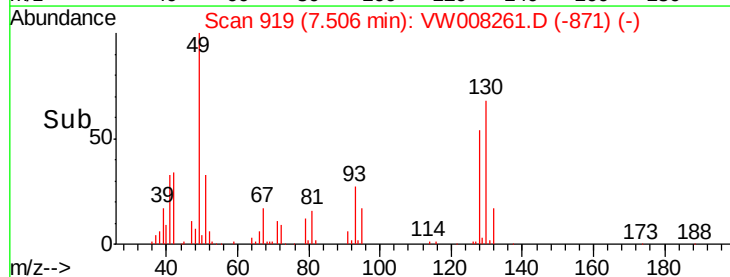
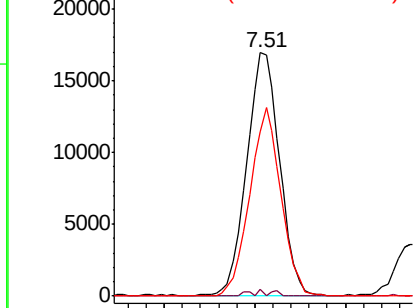
#28

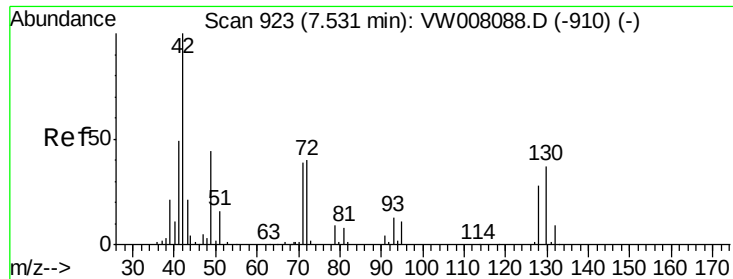
Bromochloromethane
Concen: 51.054 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion: 49 Resp: 42709
Ion Ratio Lower Upper
49 100
129 0.4 0.0 2.8
130 73.1 54.3 81.5



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

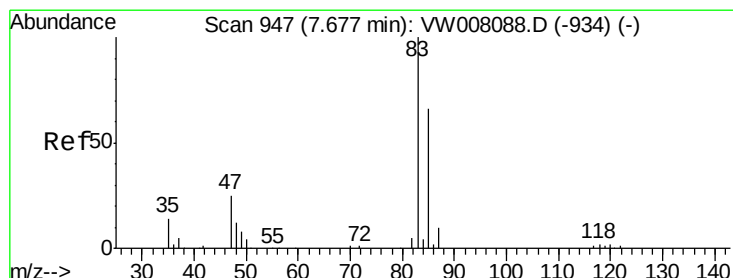
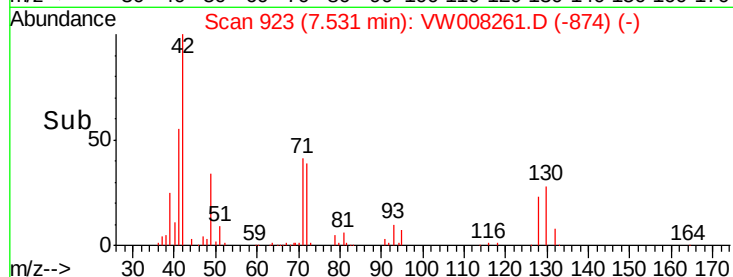
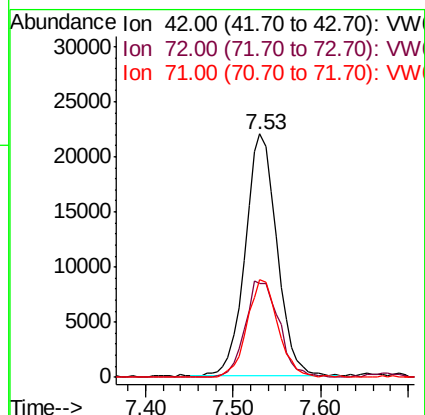
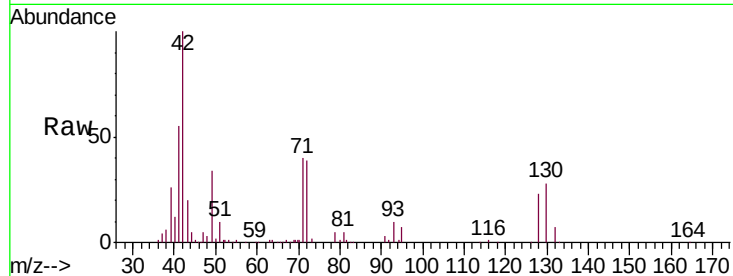




#29
Tetrahydrofuran
Concen: 275.875 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

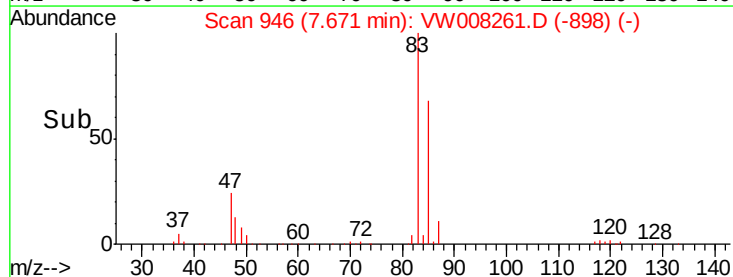
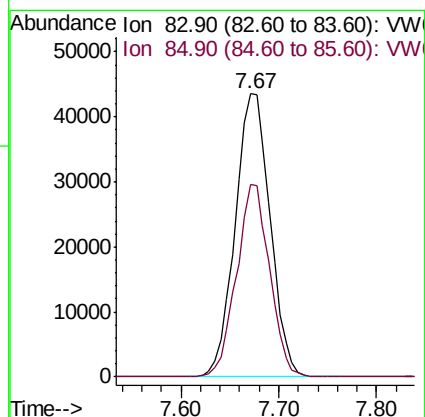
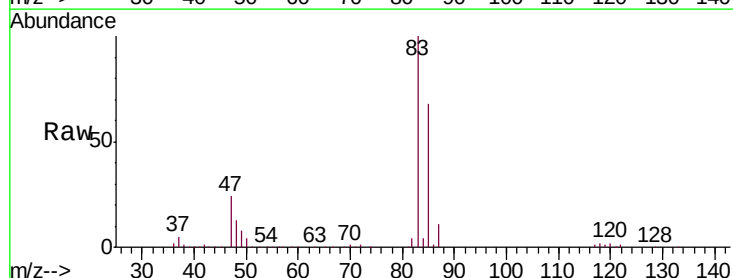
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

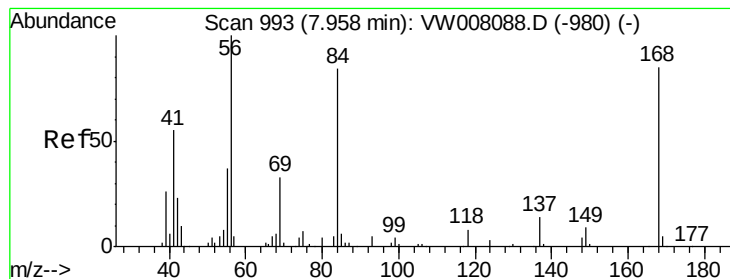
Tgt Ion: 42 Resp: 55162
Ion Ratio Lower Upper
42 100
72 42.6 32.4 48.6
71 39.6 31.3 46.9



#30
Chloroform
Concen: 53.796 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion: 83 Resp: 108298
Ion Ratio Lower Upper
83 100
85 68.0 53.2 79.8





#31

Cyclohexane

Concen: 44.045 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

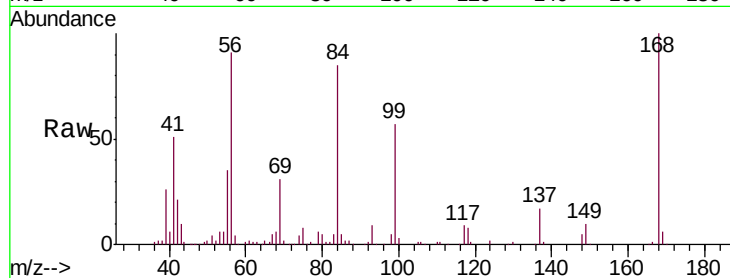
Tgt Ion: 56 Resp: 99724

Ion Ratio Lower Upper

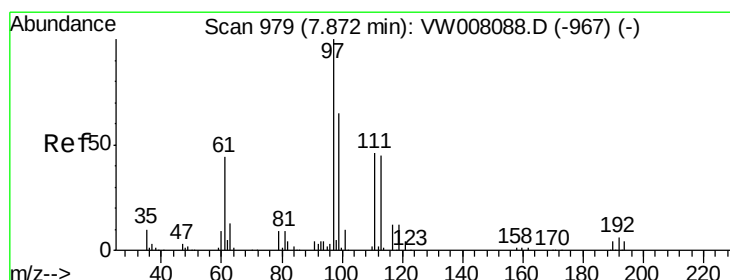
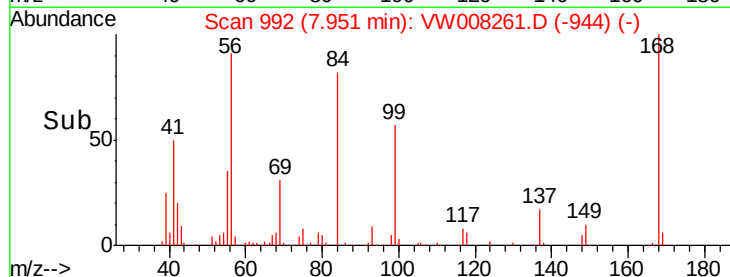
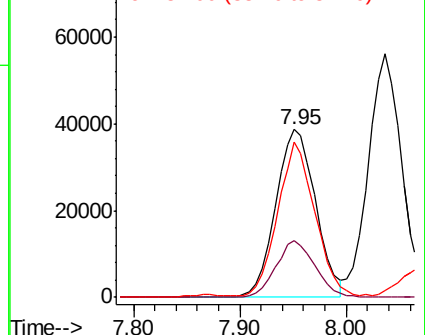
56 100

69 34.2 26.2 39.4

84 91.8 67.4 101.2



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



#32

1,1,1-Trichloroethane

Concen: 51.552 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

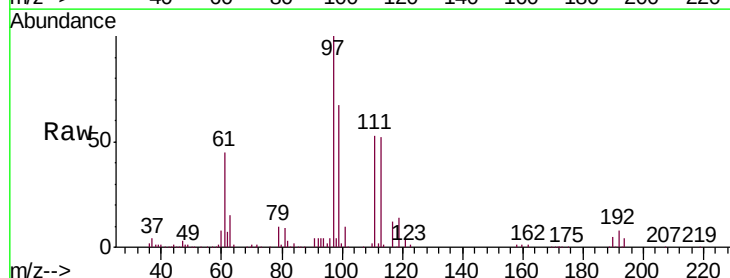
Tgt Ion: 97 Resp: 90301

Ion Ratio Lower Upper

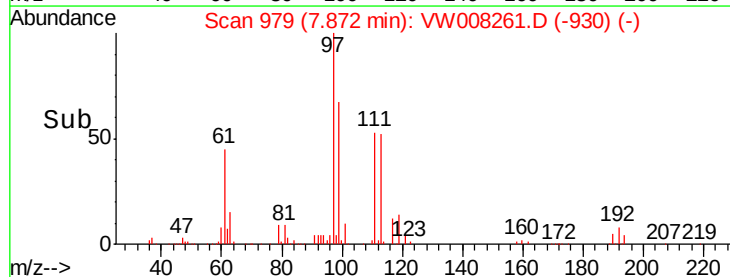
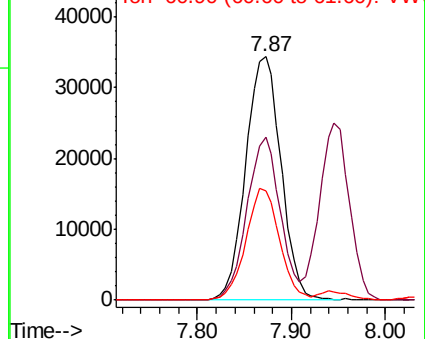
97 100

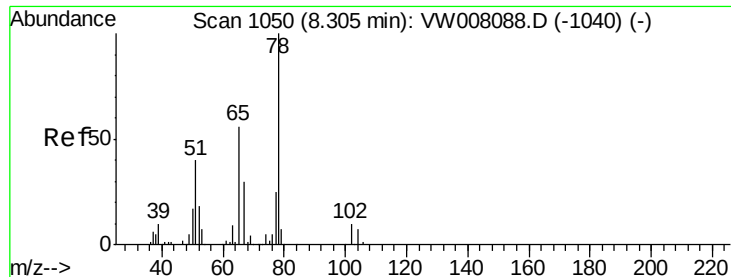
99 63.4 51.4 77.0

61 44.0 35.6 53.4



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

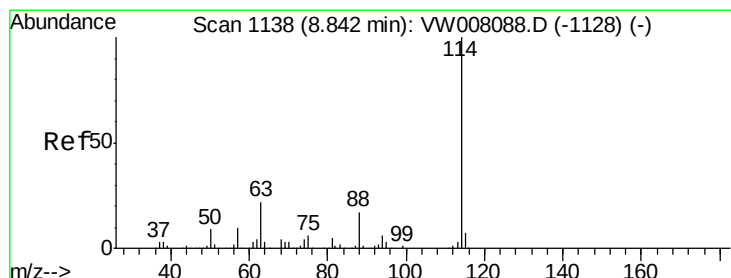
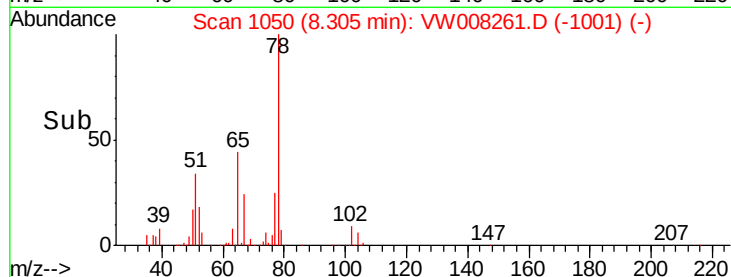
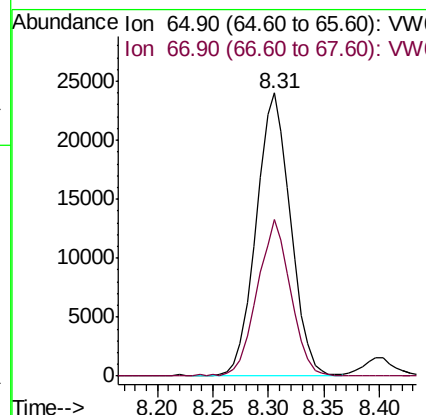
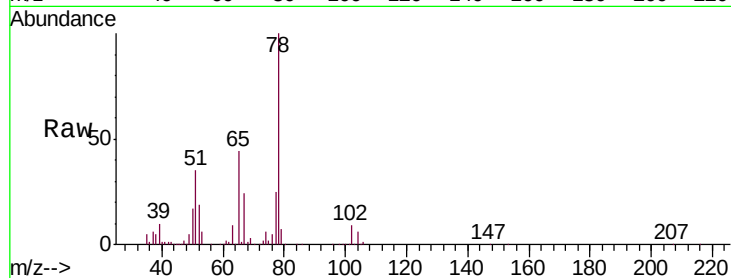




#33
 1,2-Dichloroethane-d4
 Concen: 48.052 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

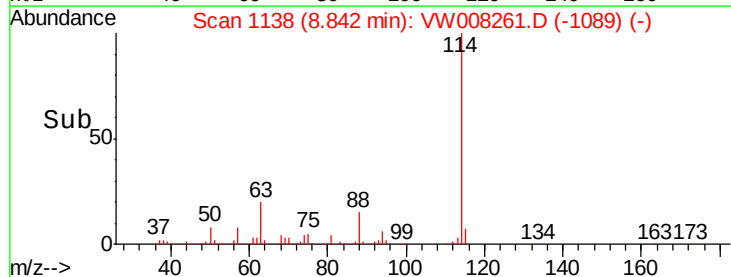
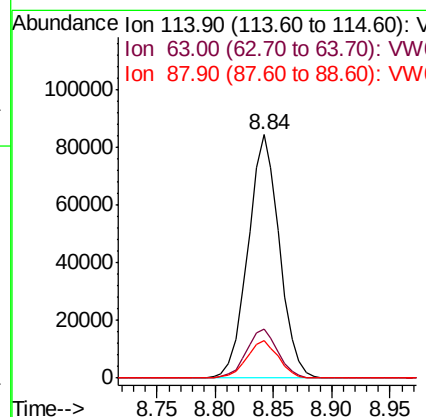
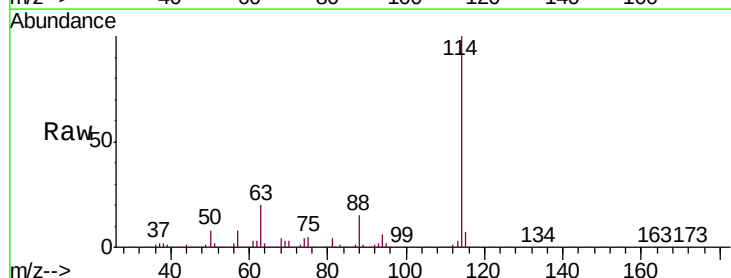
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

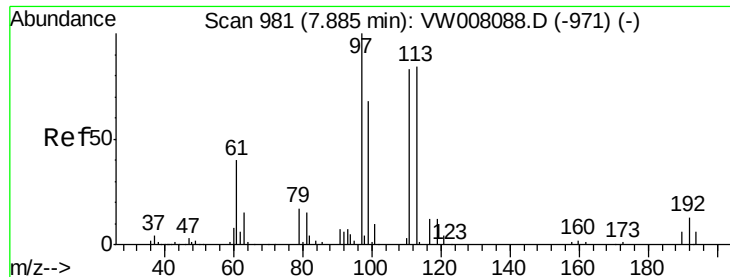
Tgt Ion: 65 Resp: 51697
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion: 114 Resp: 158038
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.4
 88 15.4 0.0 33.4

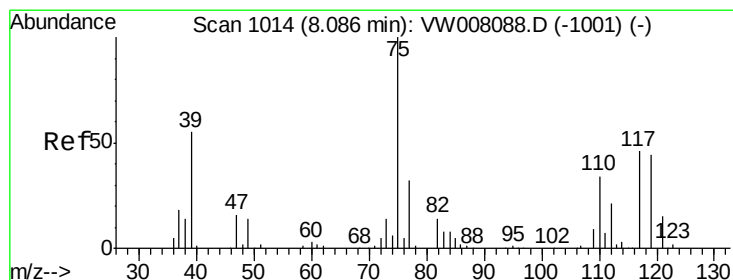
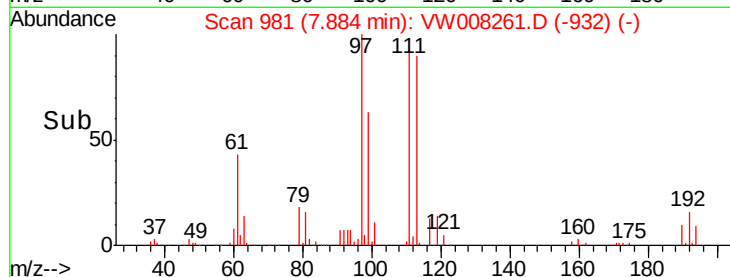
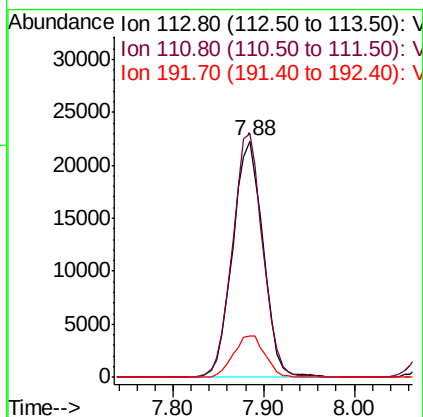
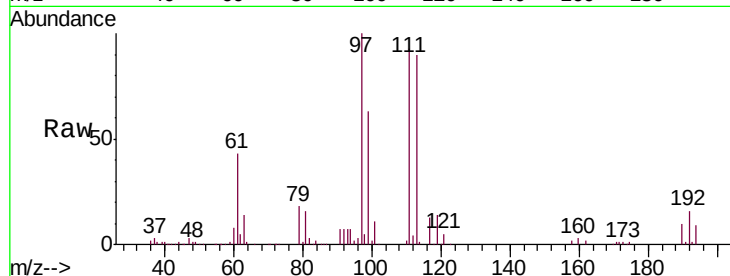




#35
 Dibromofluoromethane
 Concen: 56.234 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

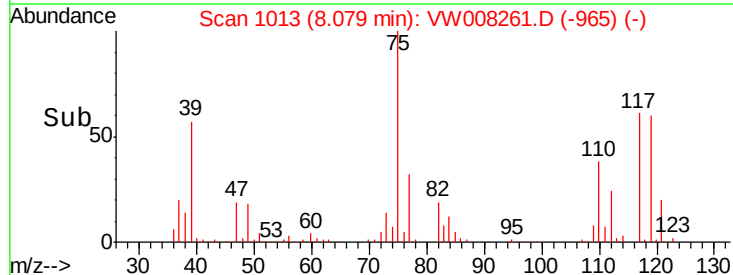
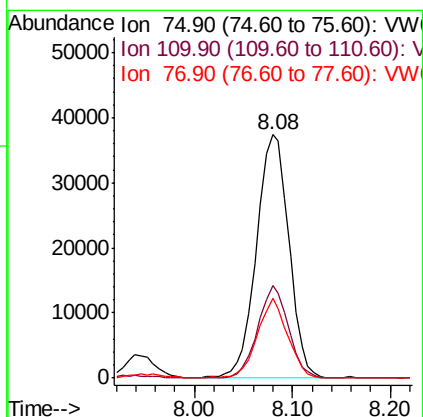
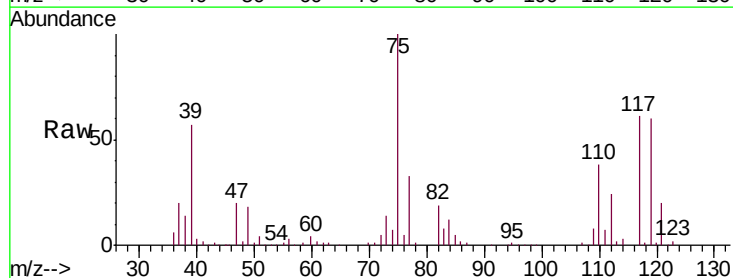
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

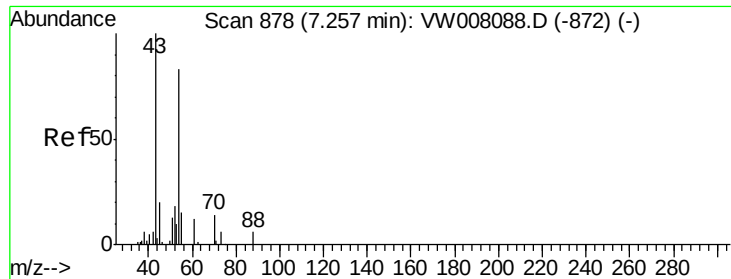
Tgt Ion: 113 Resp: 51833
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.8 122.8
 192 18.3 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 53.050 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion: 75 Resp: 86362
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.1 51.3
 77 30.7 25.5 38.3

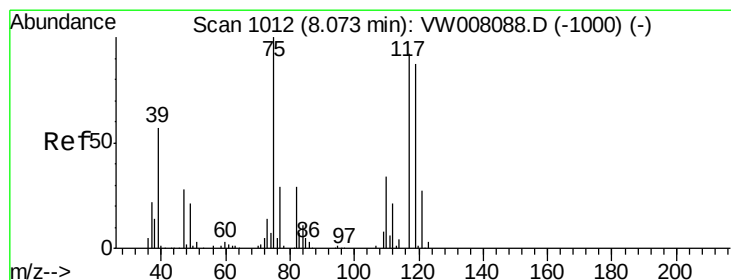
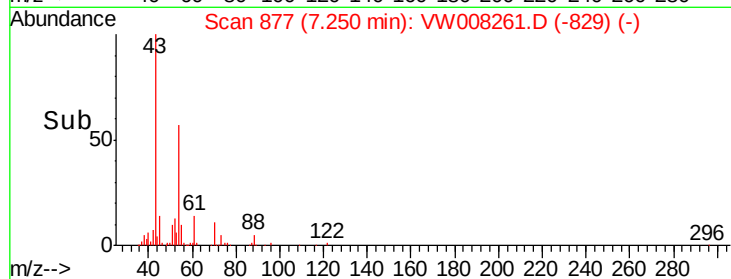
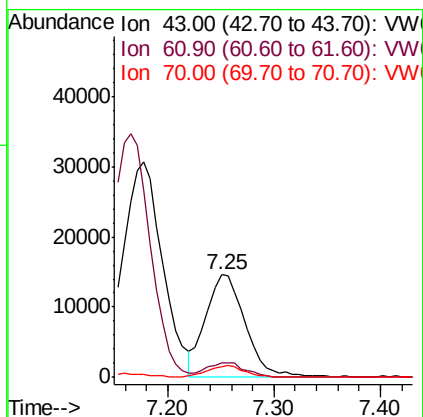
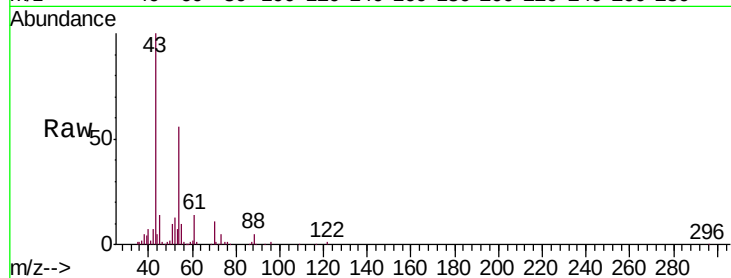




#37
Ethyl Acetate
Concen: 56.723 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

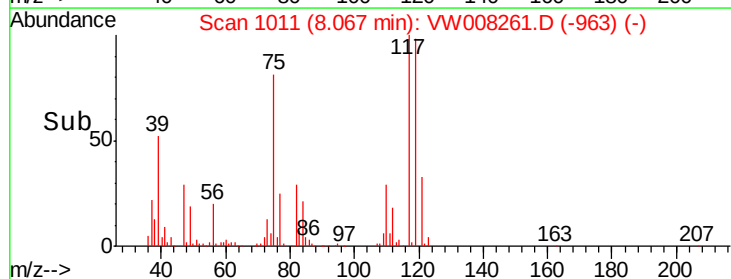
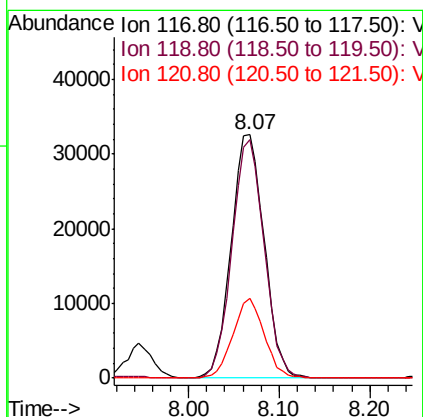
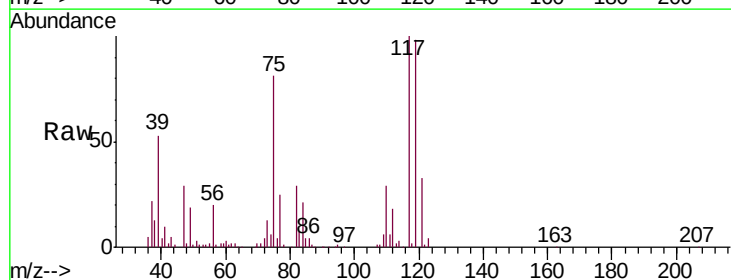
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

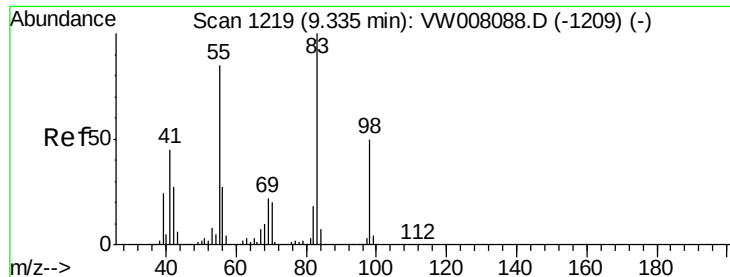
Tgt Ion: 43 Resp: 36995
Ion Ratio Lower Upper
43 100
61 13.7 10.6 16.0
70 11.2 8.9 13.3



#38
Carbon Tetrachloride
Concen: 55.345 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion: 117 Resp: 82466
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.8
121 33.0 23.7 35.5

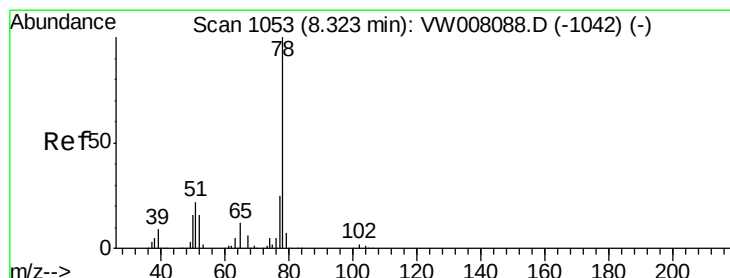
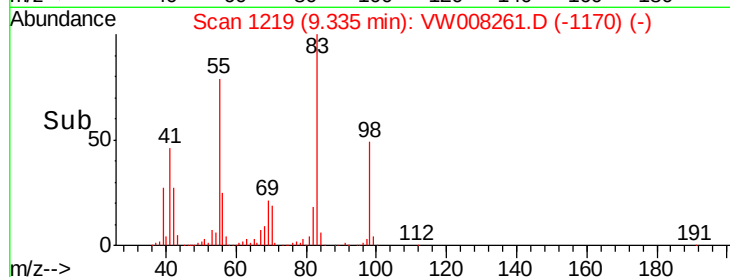
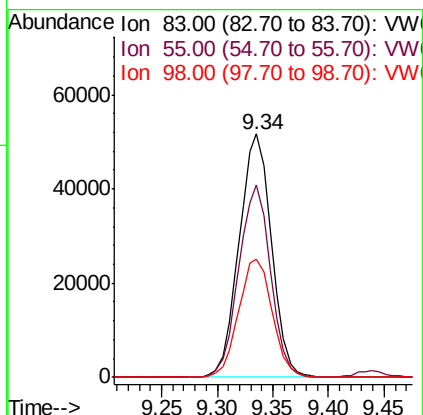
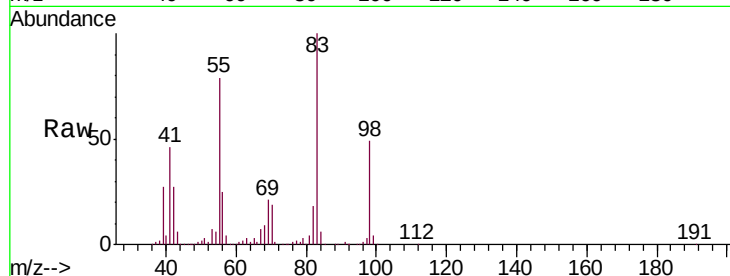




#39
Methylcyclohexane
Concen: 50.623 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

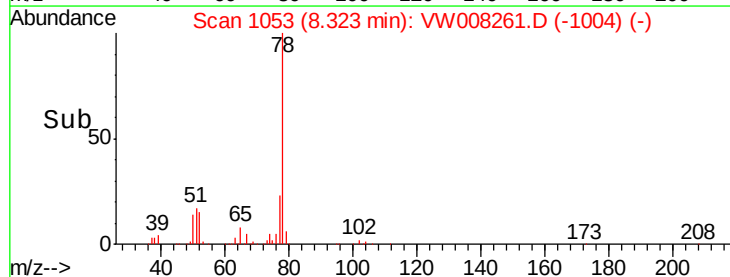
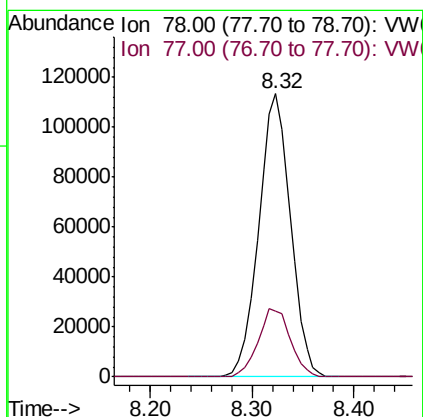
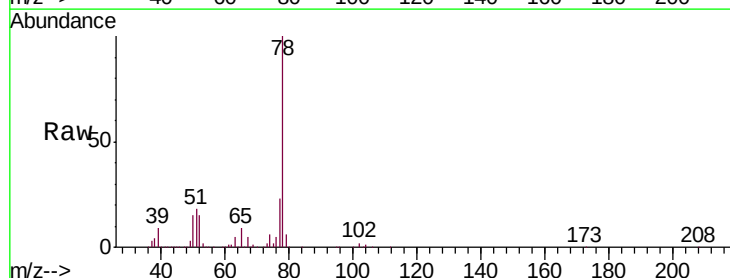
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

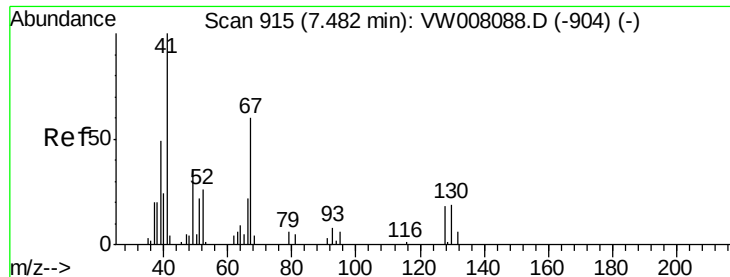
Tgt Ion: 83 Resp: 104497
Ion Ratio Lower Upper
83 100
55 78.6 67.8 101.6
98 48.6 40.2 60.4



#40
Benzene
Concen: 55.401 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion: 78 Resp: 244623
Ion Ratio Lower Upper
78 100
77 23.2 20.2 30.4





#41

Methacrylonitrile

Concen: 58.712 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 24189

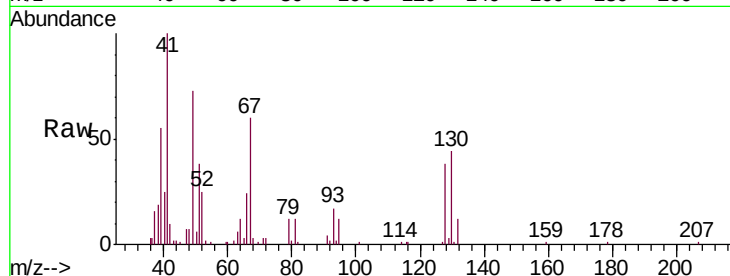
Ion Ratio Lower Upper

41 100

39 52.9 47.9 71.9

67 68.6 56.3 84.5

52 29.0 24.5 36.7

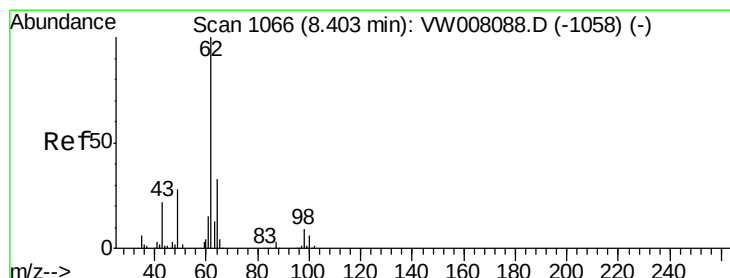
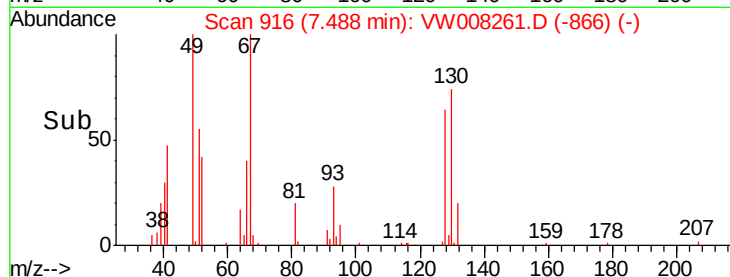
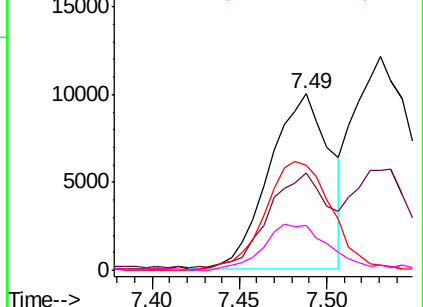


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 55.441 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VW008261.D

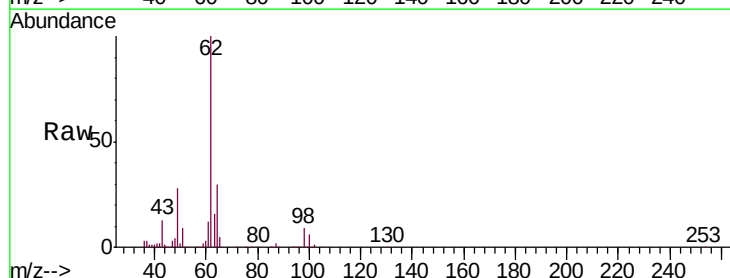
Acq: 14 Jan 2019 21:56

Tgt Ion: 62 Resp: 68851

Ion Ratio Lower Upper

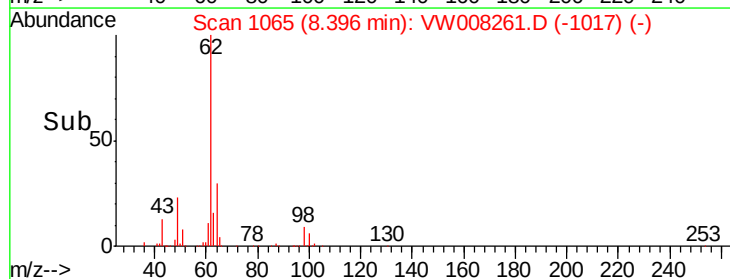
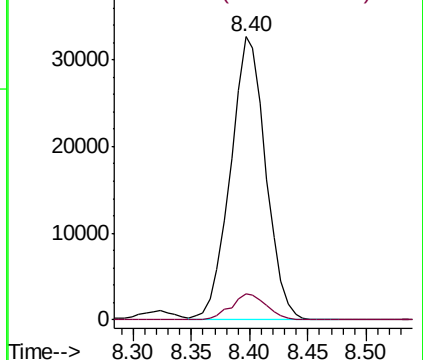
62 100

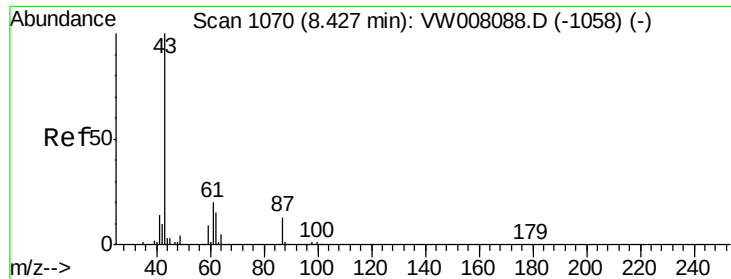
98 9.3 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 57.968 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

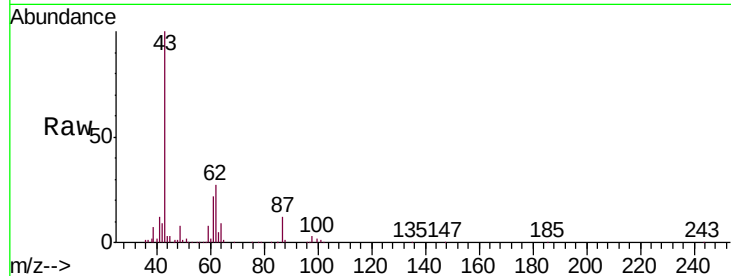
Tgt Ion: 43 Resp: 75591

Ion Ratio Lower Upper

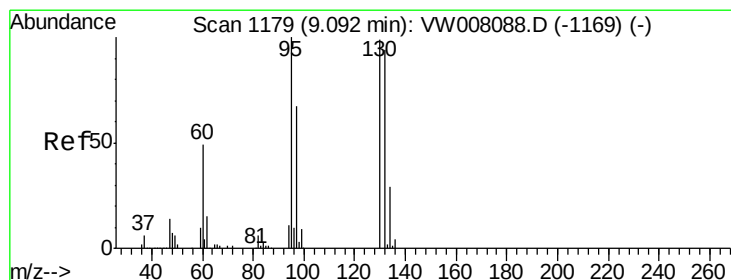
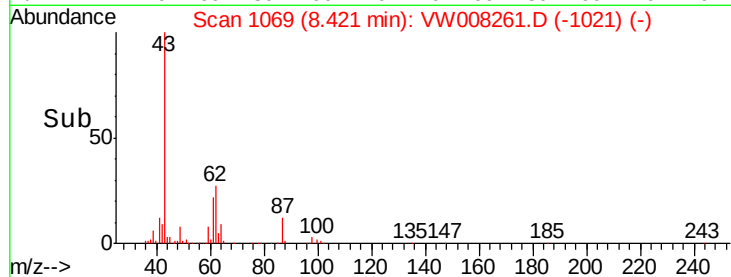
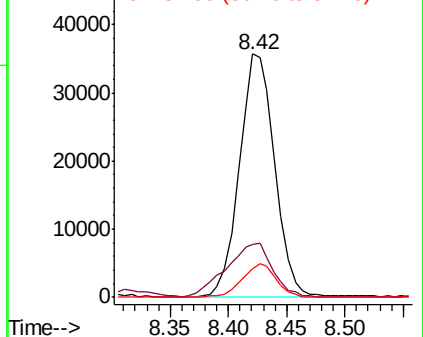
43 100

61 29.2 24.8 37.2

87 13.4 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 56.944 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008261.D

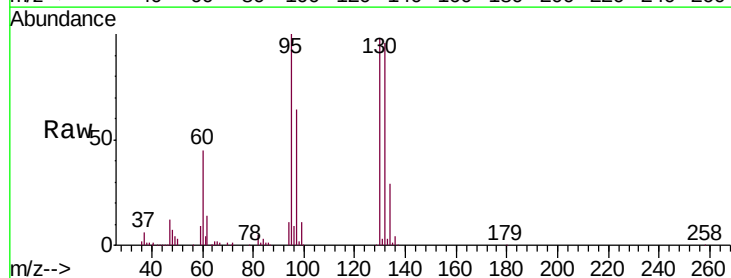
Acq: 14 Jan 2019 21:56

Tgt Ion: 130 Resp: 64364

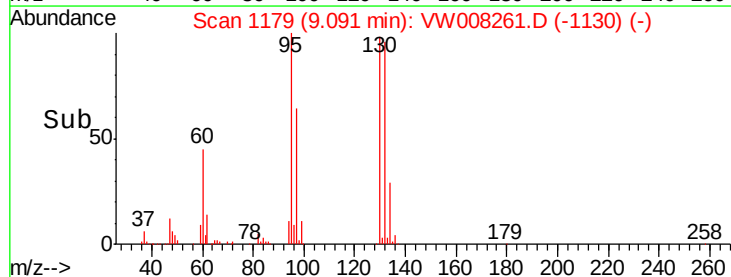
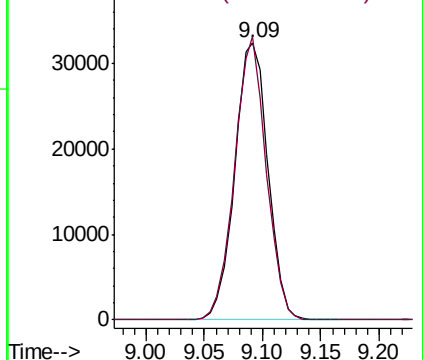
Ion Ratio Lower Upper

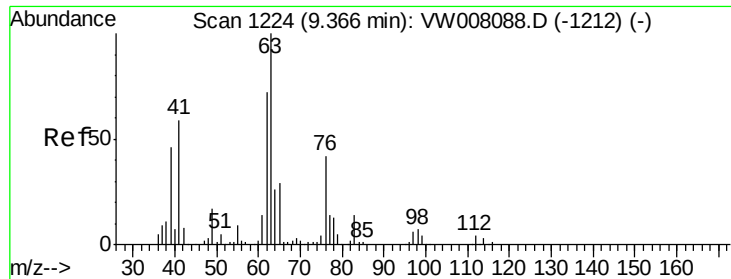
130 100

95 102.0 0.0 202.8



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

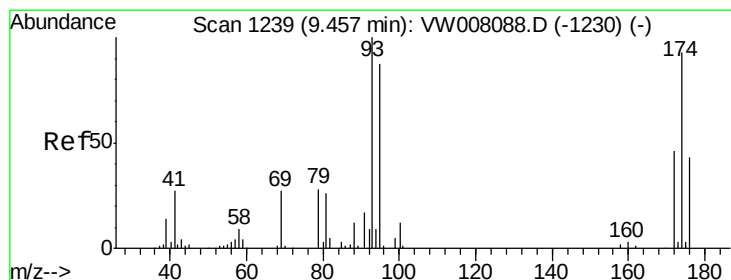
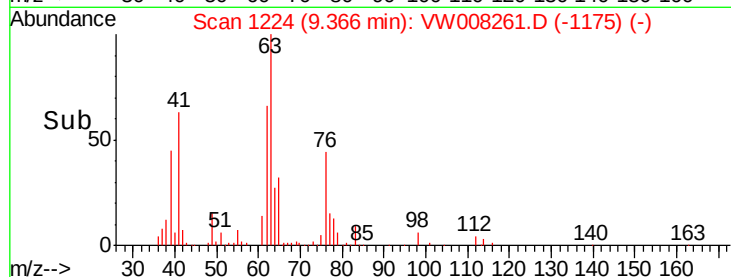
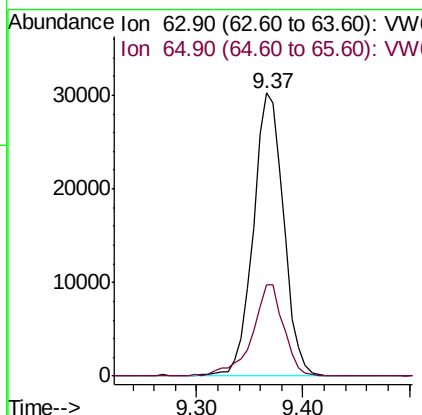
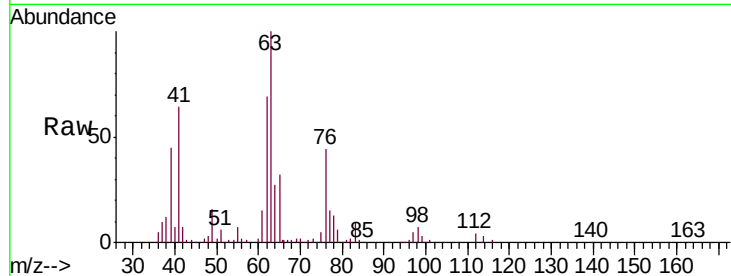




#45
 1,2-Dichloropropane
 Concen: 55.390 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

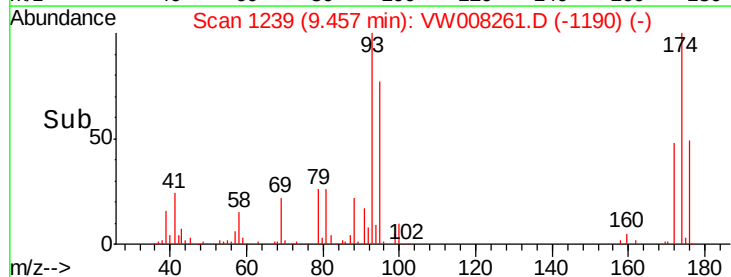
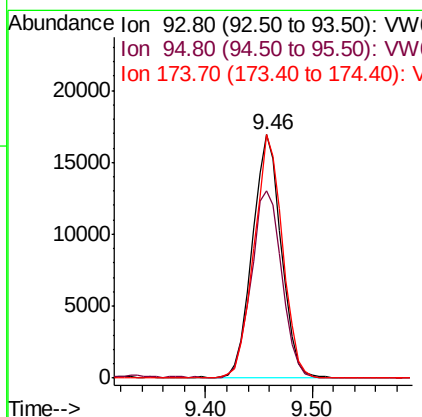
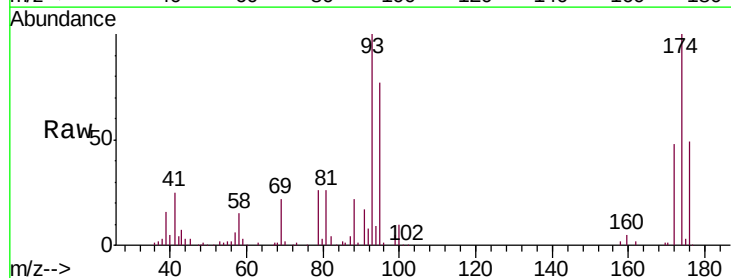
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

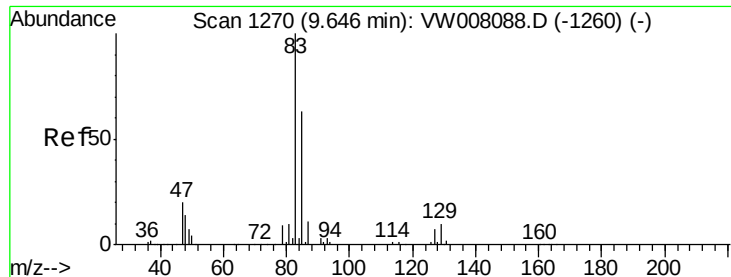
Tgt Ion: 63 Resp: 60643
 Ion Ratio Lower Upper
 63 100
 65 32.5 23.3 34.9



#46
 Dibromomethane
 Concen: 59.853 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion: 93 Resp: 32182
 Ion Ratio Lower Upper
 93 100
 95 81.4 67.5 101.3
 174 98.7 72.5 108.7

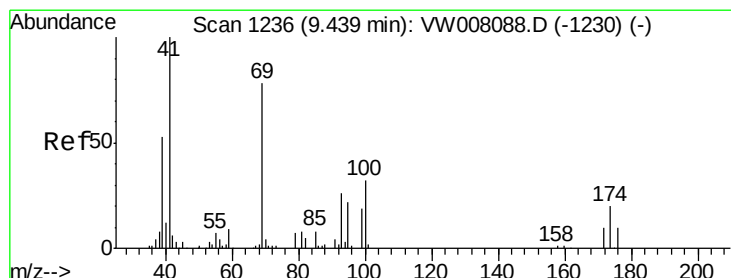
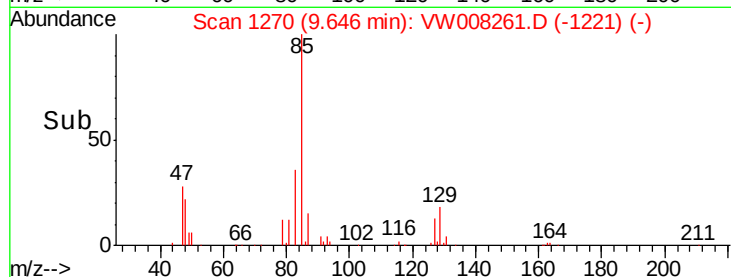
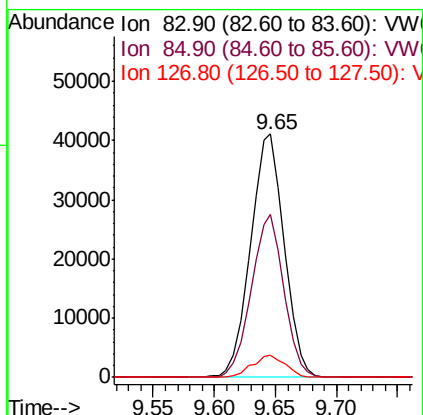
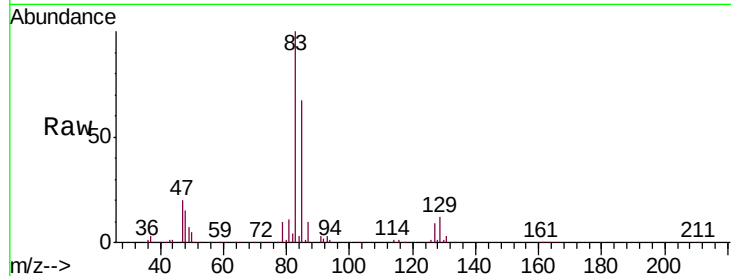




#47
Bromodichloromethane
Concen: 57.600 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

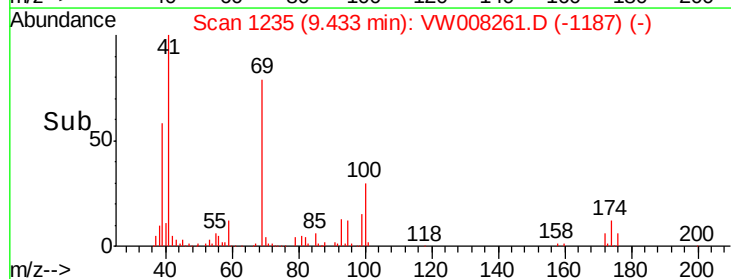
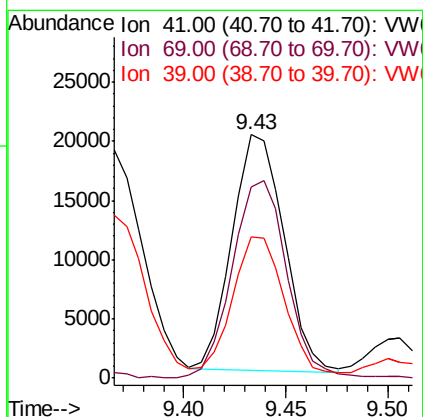
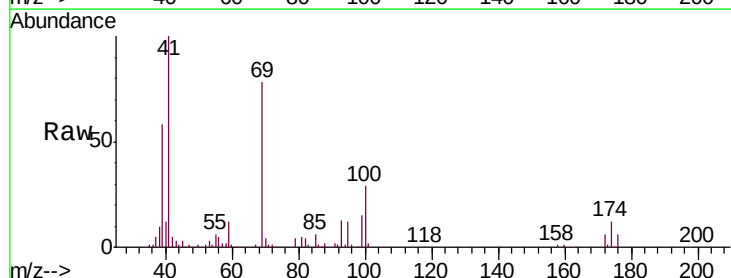
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

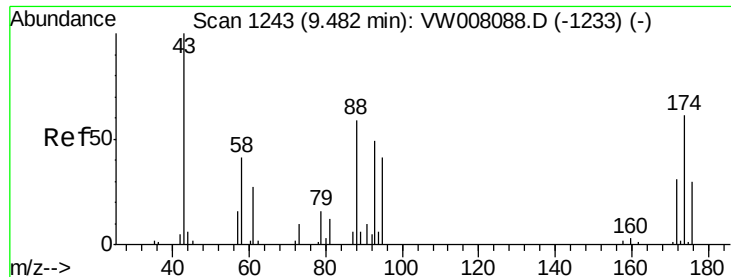
Tgt Ion: 83 Resp: 78640
Ion Ratio Lower Upper
83 100
85 67.0 50.7 76.1
127 8.9 6.0 9.0



#48
Methyl methacrylate
Concen: 57.413 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion: 41 Resp: 35327
Ion Ratio Lower Upper
41 100
69 88.2 61.9 92.9
39 55.9 43.0 64.4

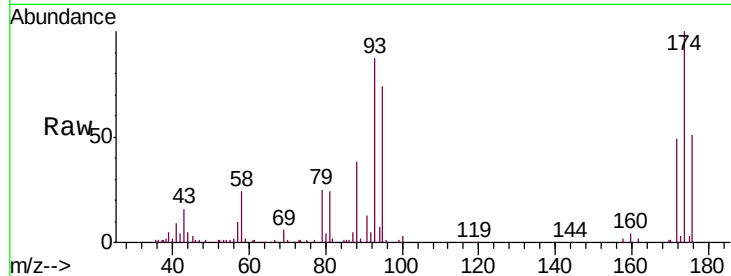




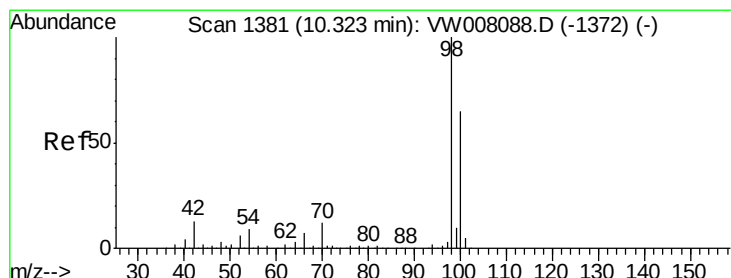
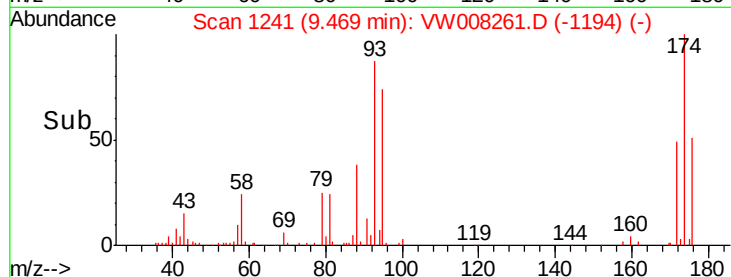
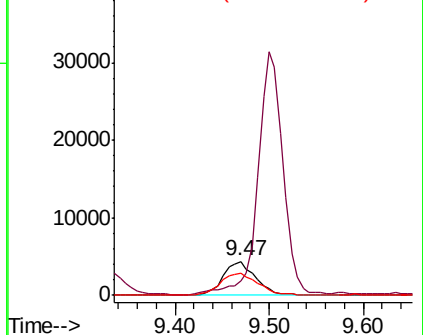
#49
1,4-Dioxane
Concen: 1219.389 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 10544
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 76.3 61.7 92.5

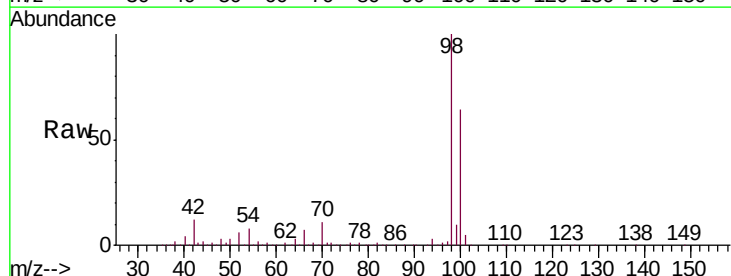


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

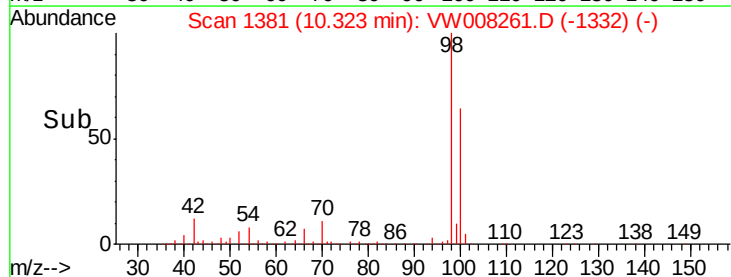
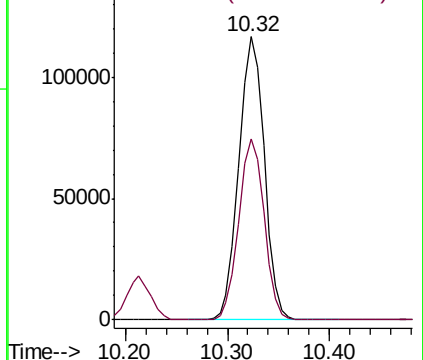


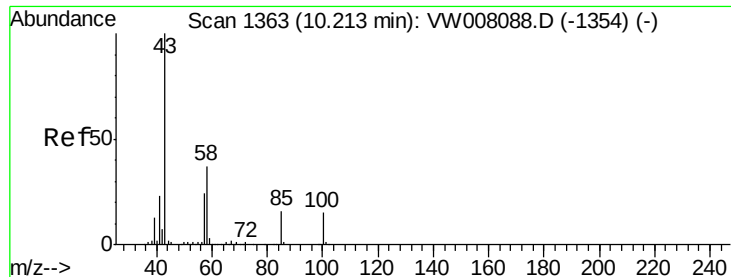
#50
Toluene-d8
Concen: 52.180 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion: 98 Resp: 201833
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



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

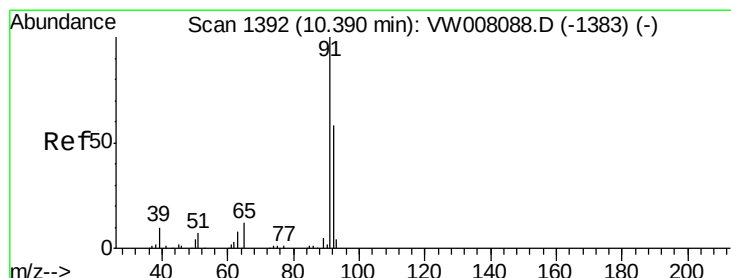
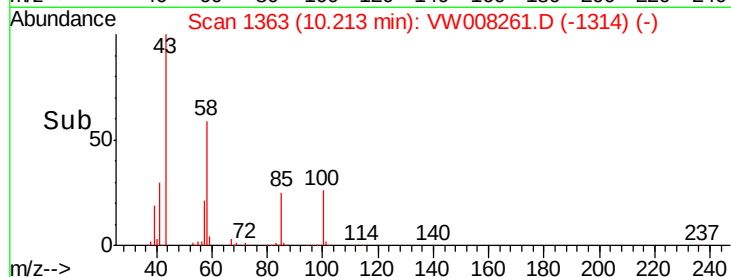
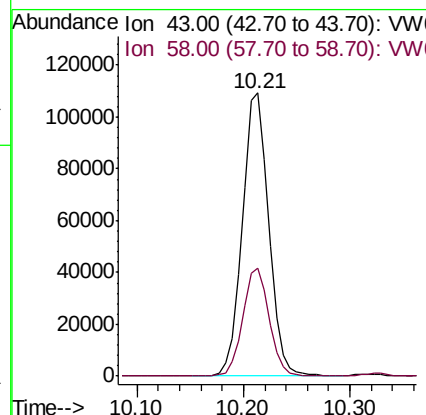
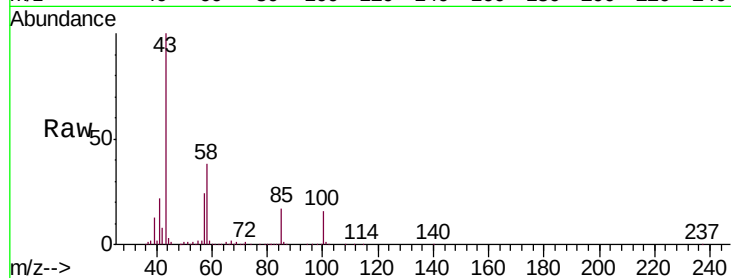




#51
 4-Methyl-2-Pentanone
 Concen: 301.193 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

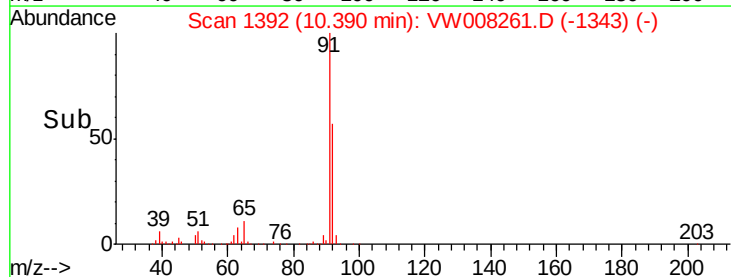
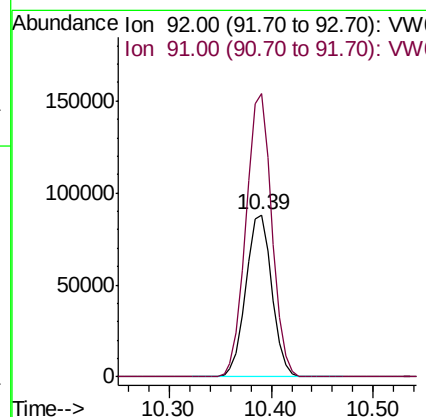
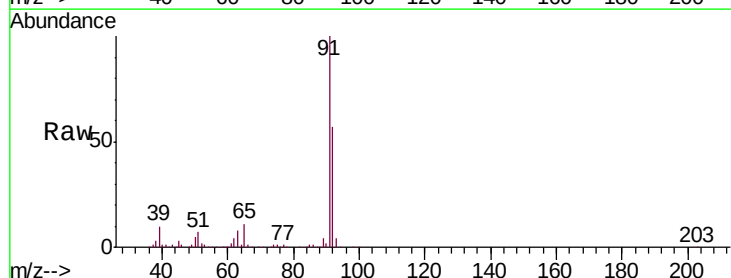
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

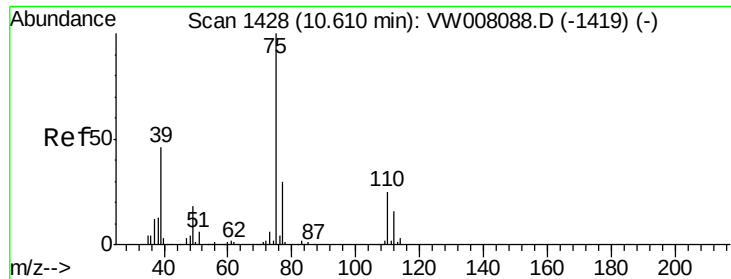
Tgt Ion: 43 Resp: 190117
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.6 46.0



#52
 Toluene
 Concen: 55.442 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion: 92 Resp: 156339
 Ion Ratio Lower Upper
 92 100
 91 173.0 137.0 205.4

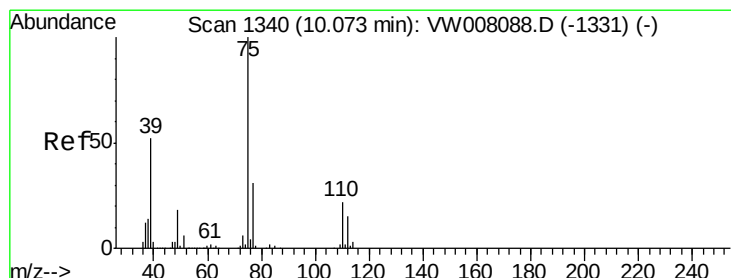
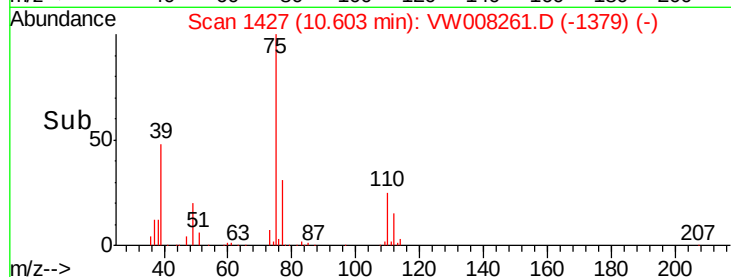
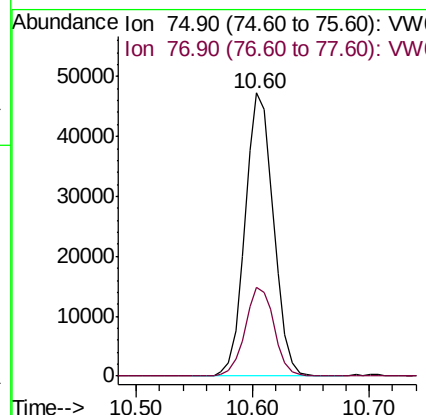
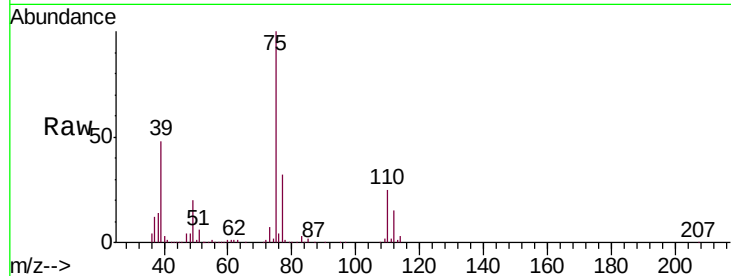




#53
t-1,3-Dichloropropene
Concen: 56.463 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

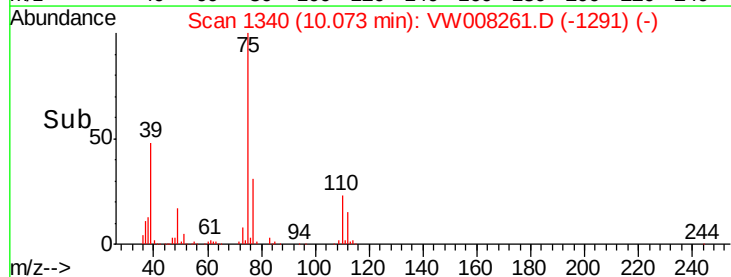
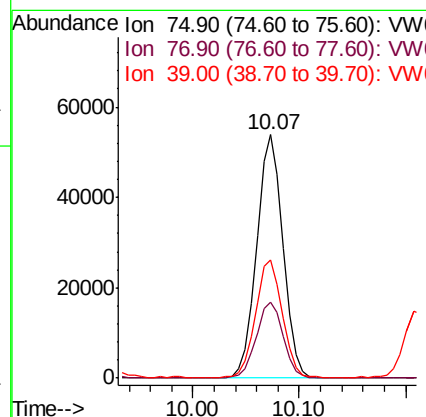
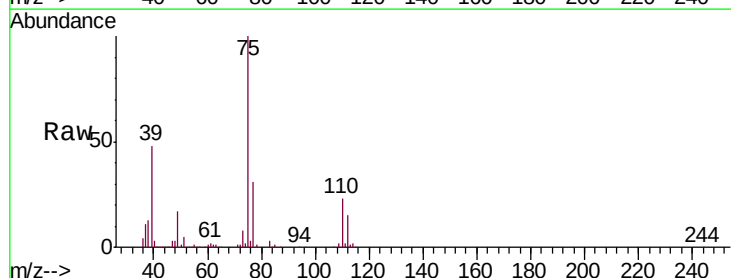
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

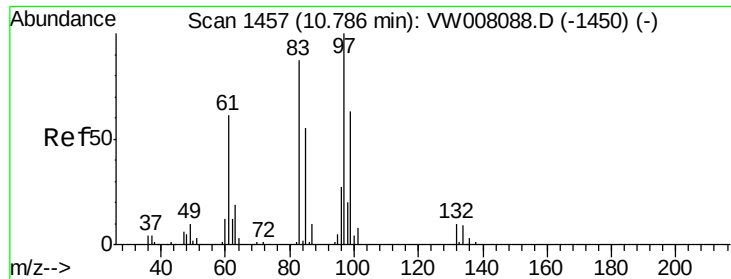
Tgt Ion: 75 Resp: 80186
Ion Ratio Lower Upper
75 100
77 31.6 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 55.402 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion: 75 Resp: 93298
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8
39 48.2 41.4 62.0

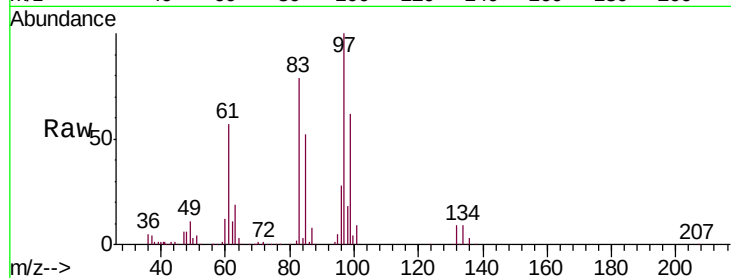




#55
 1,1,2-Trichloroethane
 Concen: 61.074 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	46105
Ion	Ratio	Lower	Upper
97	100		
83	79.3	69.3	103.9
85	52.2	43.8	65.6
99	61.6	50.0	75.0



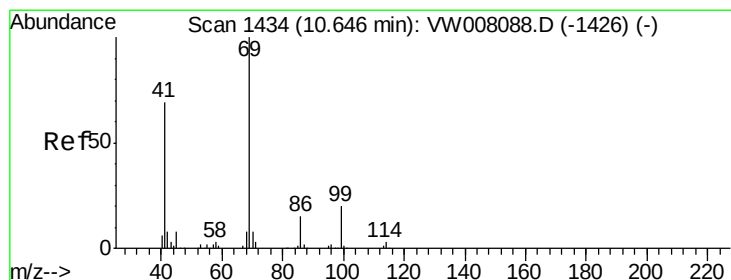
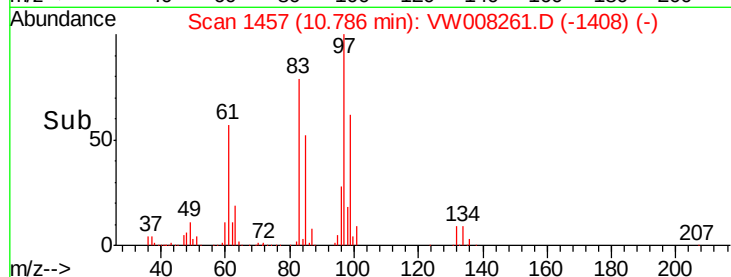
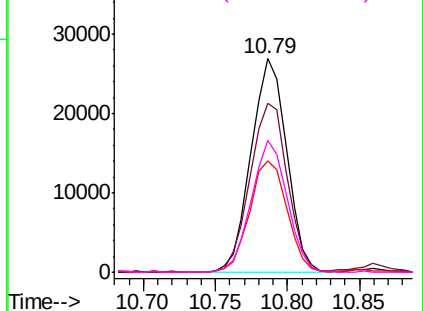
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

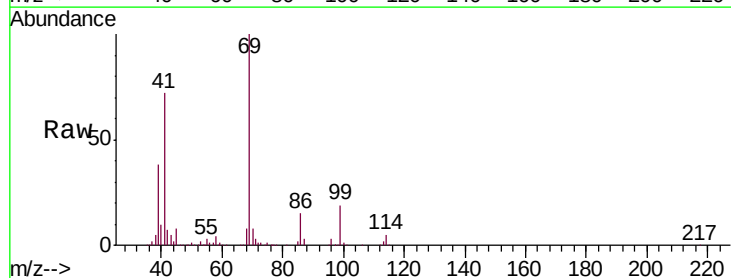
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 61.061 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion:	69	Resp:	57085
Ion	Ratio	Lower	Upper
69	100		
41	68.7	56.4	84.6
39	34.7	28.1	42.1

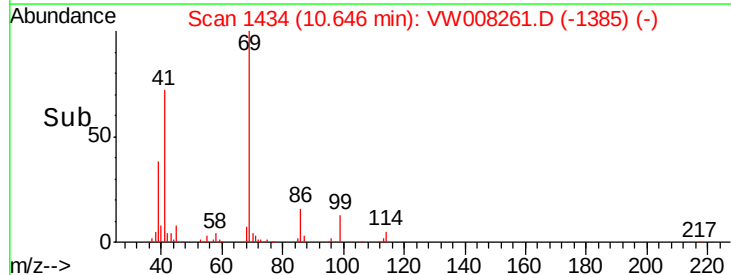
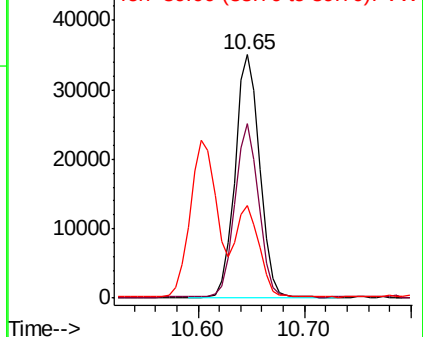


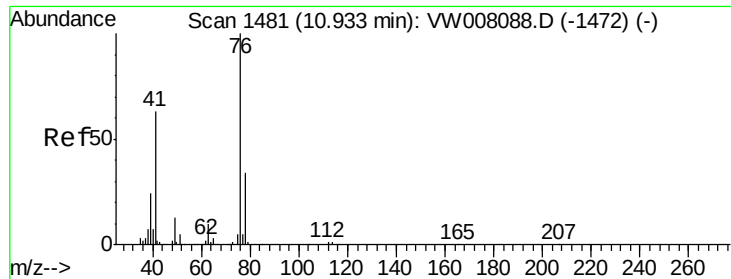
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

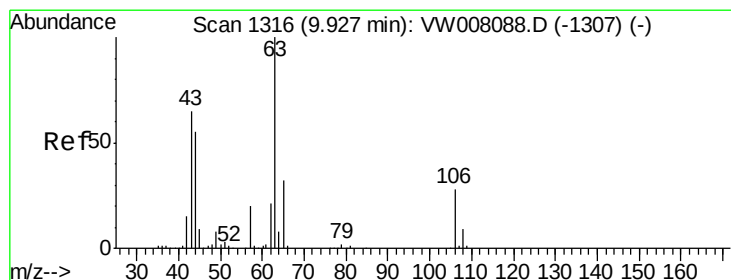
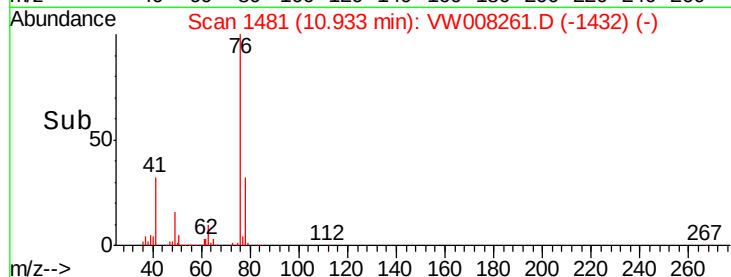
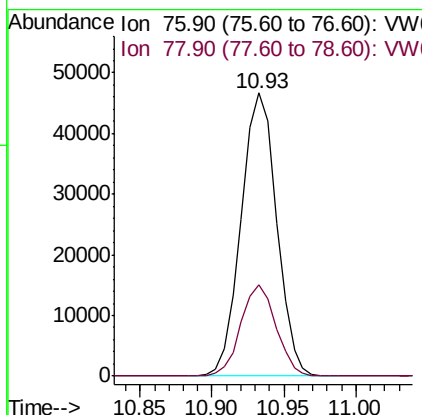
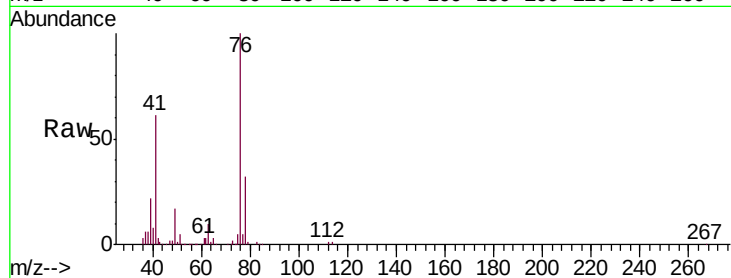




#57
 1,3-Dichloropropane
 Concen: 57.972 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

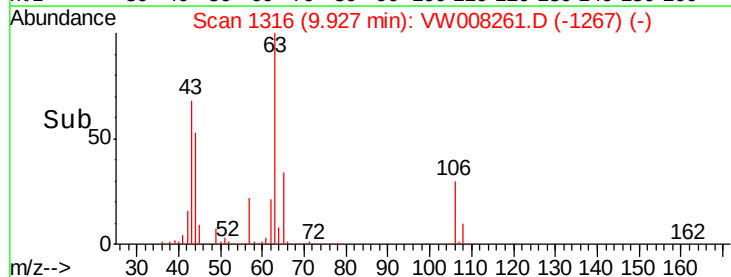
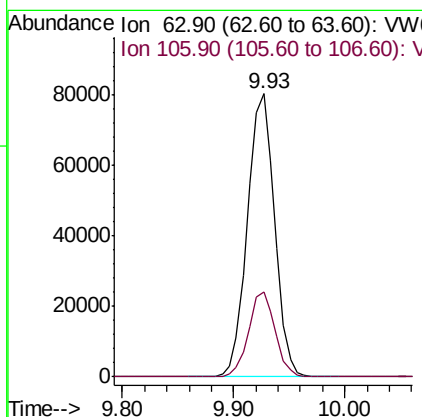
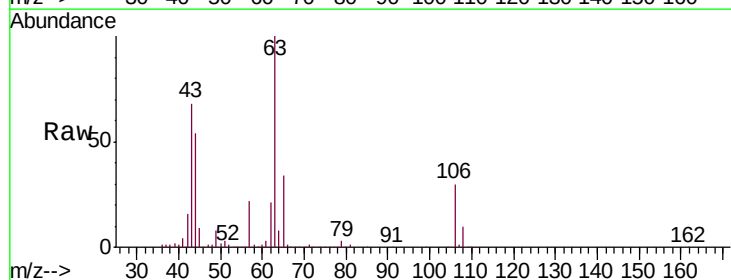
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

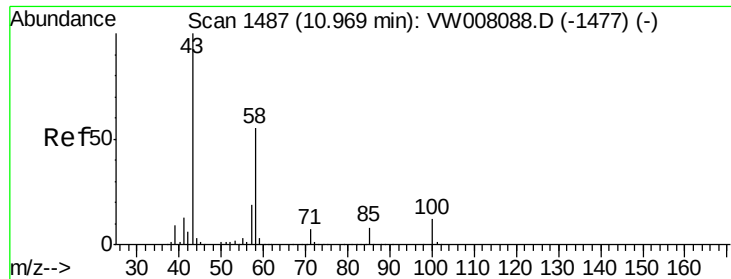
Tgt Ion: 76 Resp: 80038
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 282.755 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion: 63 Resp: 136547
 Ion Ratio Lower Upper
 63 100
 106 29.3 21.8 32.6

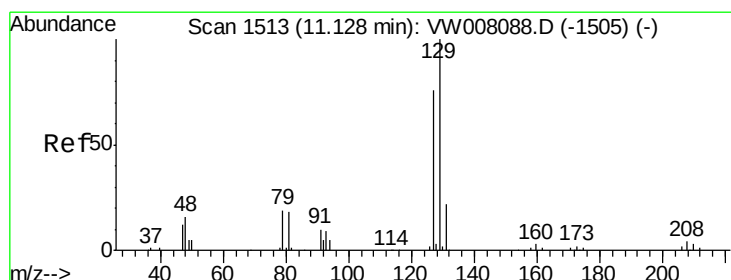
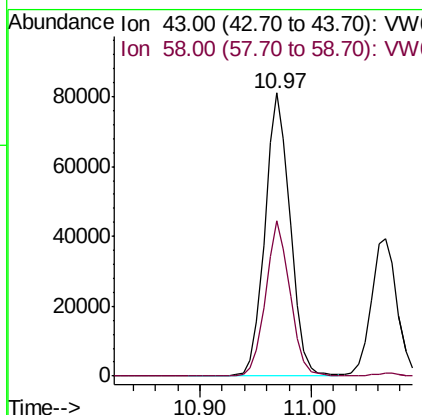
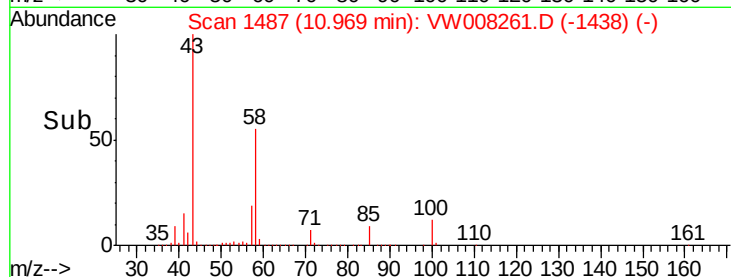
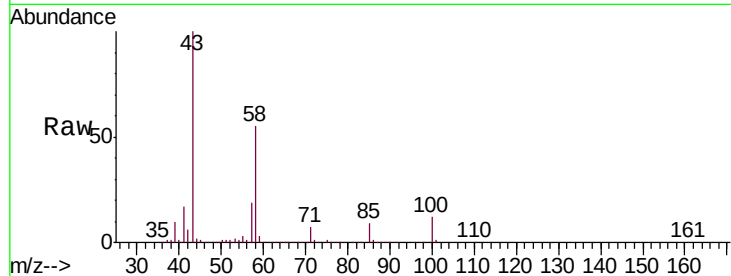




#59
2-Hexanone
Concen: 300.668 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

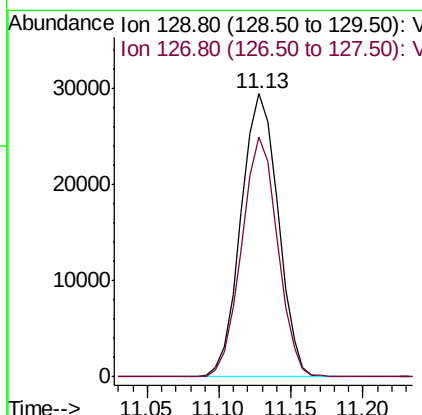
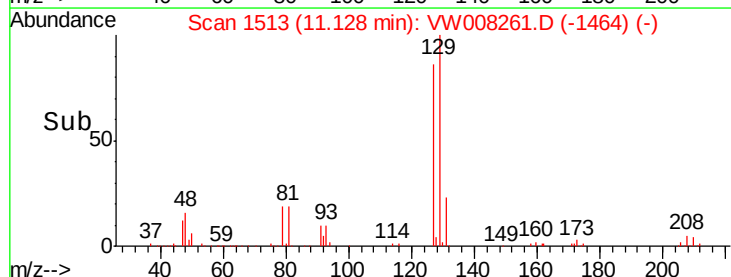
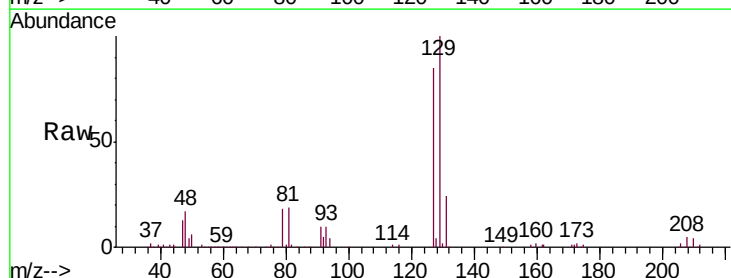
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

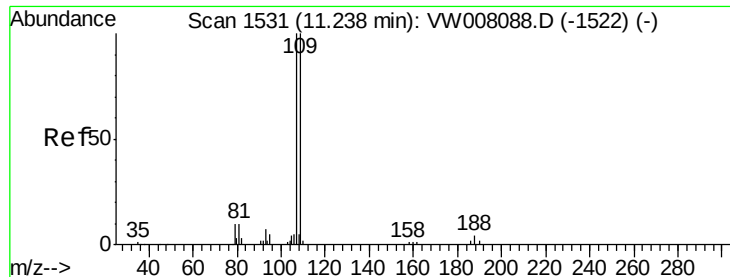
Tgt Ion: 43 Resp: 128342
Ion Ratio Lower Upper
43 100
58 53.2 27.2 81.5



#60
Dibromochloromethane
Concen: 63.576 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion: 129 Resp: 52703
Ion Ratio Lower Upper
129 100
127 82.0 38.9 116.6

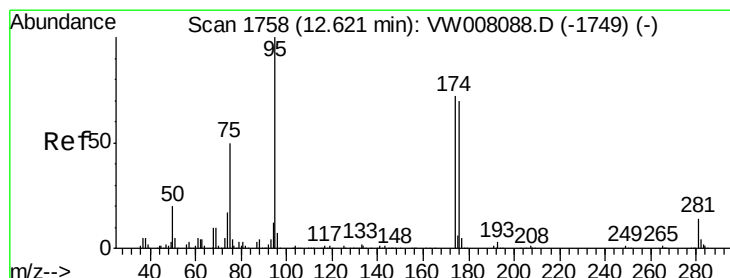
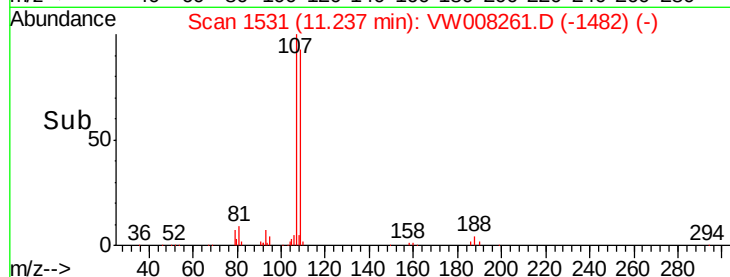
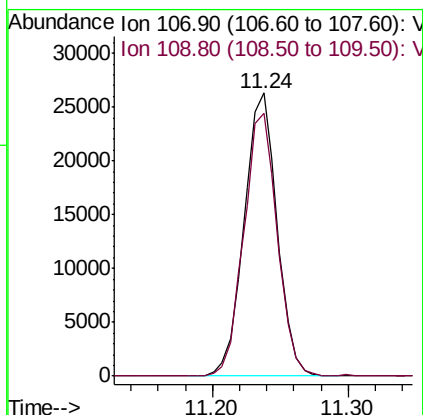
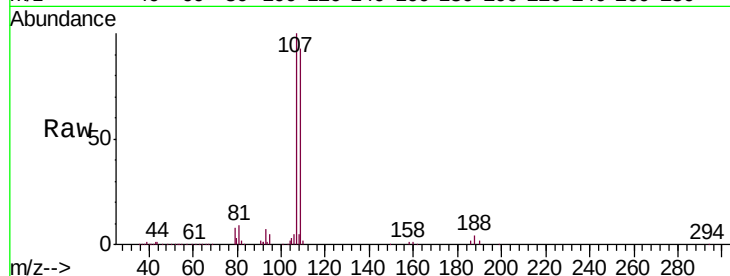




#61
 1,2-Dibromoethane
 Concen: 62.138 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

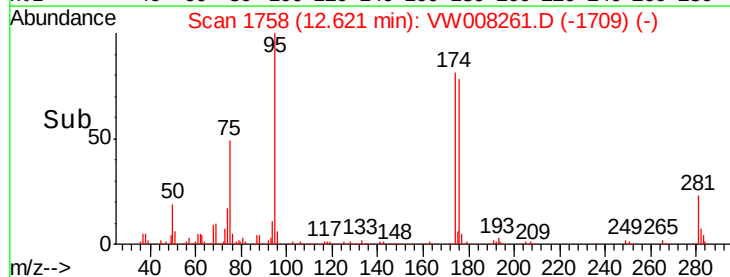
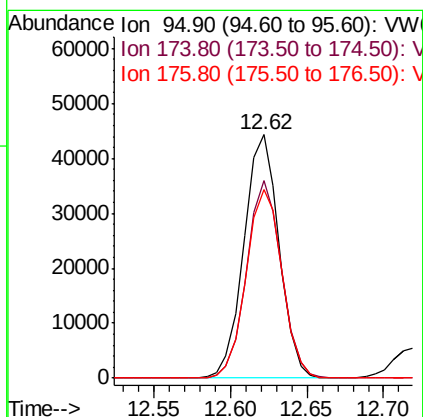
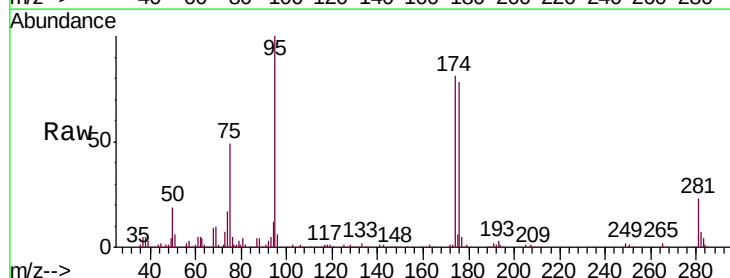
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

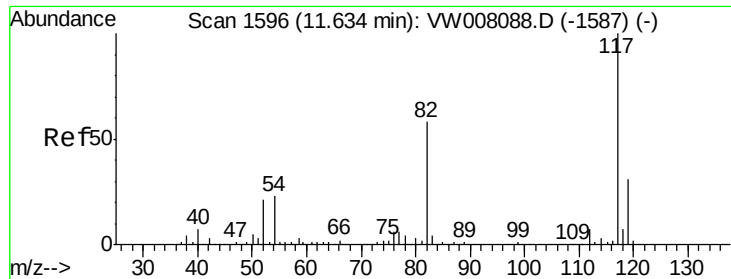
Tgt Ion: 107 Resp: 44510
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 50.975 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion: 95 Resp: 70685
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 143.0
 176 79.0 0.0 140.2

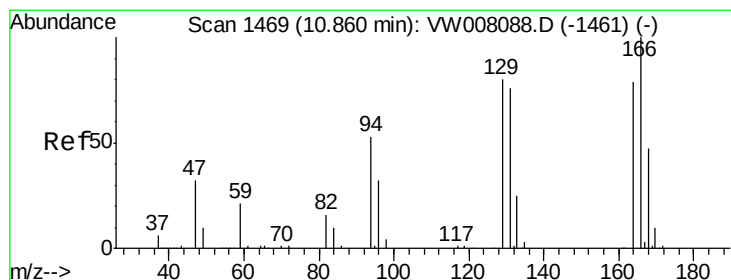
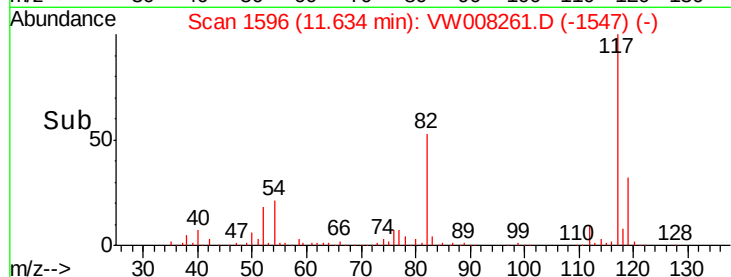
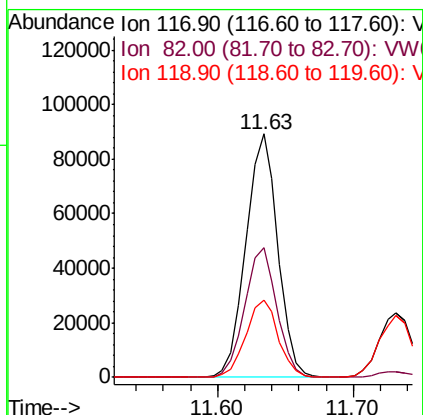
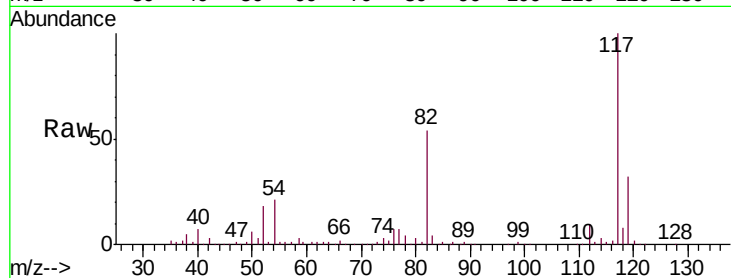




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

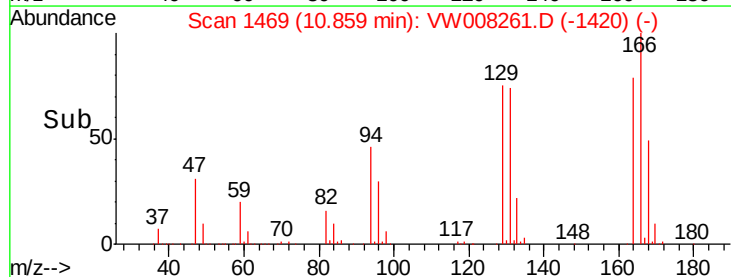
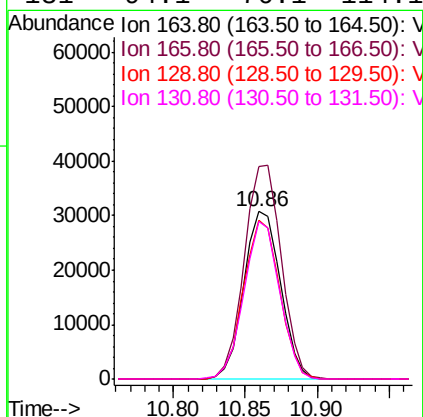
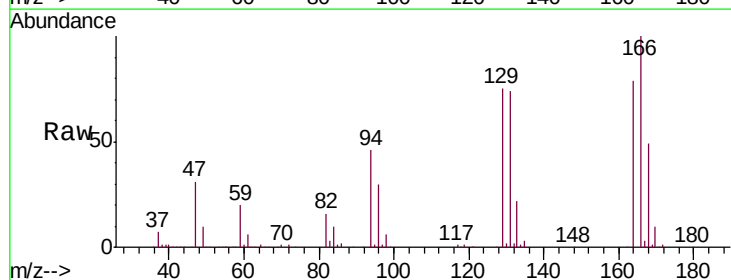
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

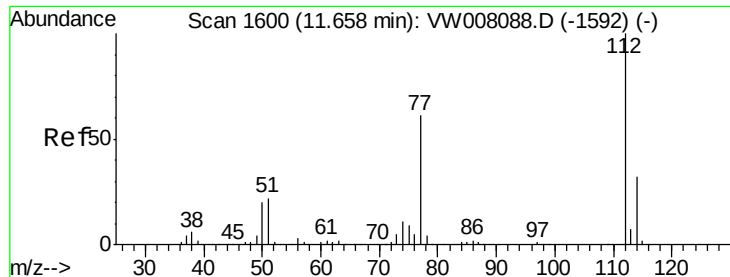
Tgt Ion:117 Resp: 146014
Ion Ratio Lower Upper
117 100
82 53.5 46.4 69.6
119 31.6 24.7 37.1



#64
Tetrachloroethene
Concen: 57.047 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion:164 Resp: 54209
Ion Ratio Lower Upper
164 100
166 126.6 100.7 151.1
129 94.9 81.0 121.4
131 94.1 76.1 114.1

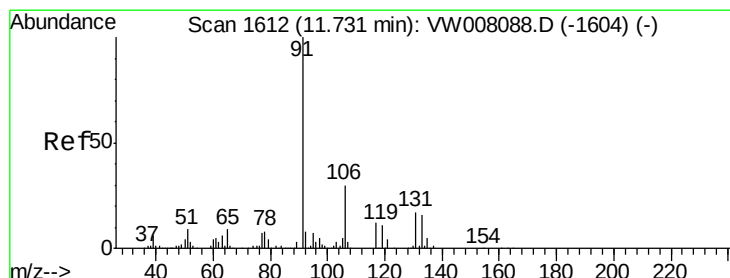
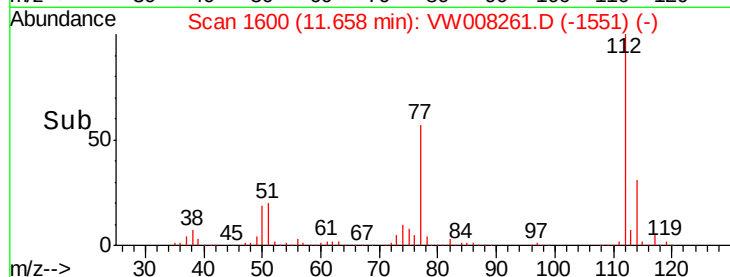
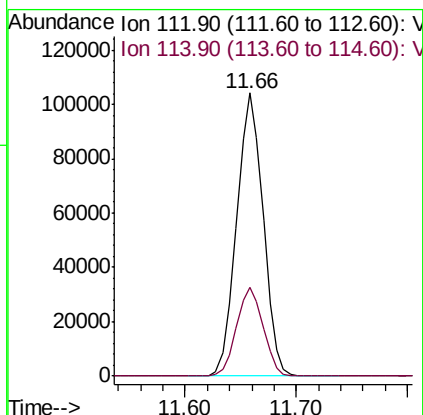
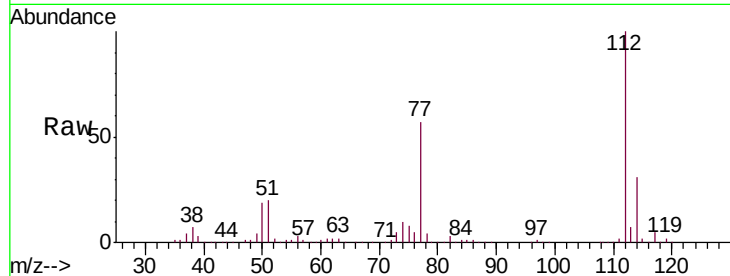




#65
Chlorobenzene
Concen: 55.306 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

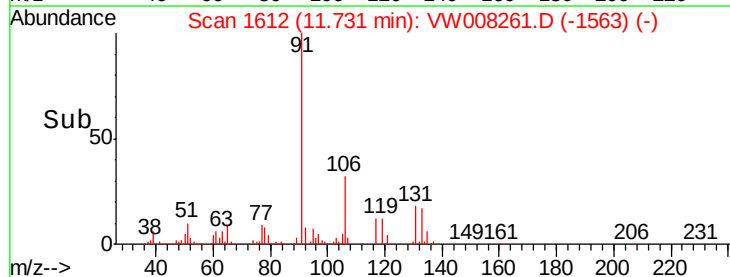
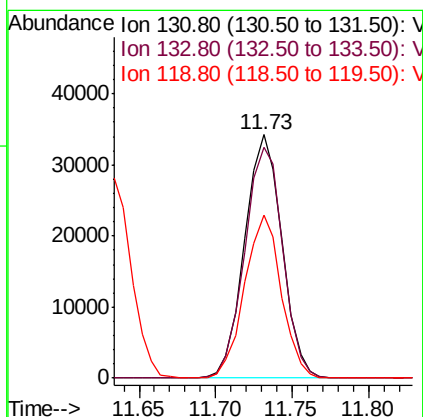
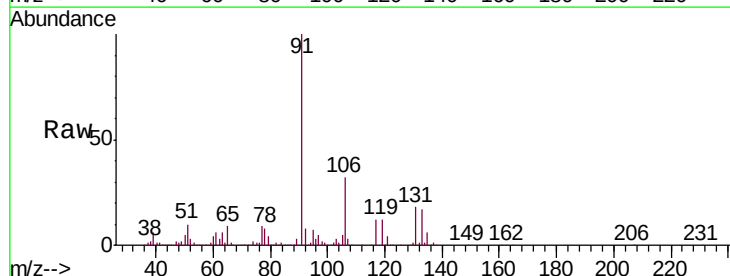
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

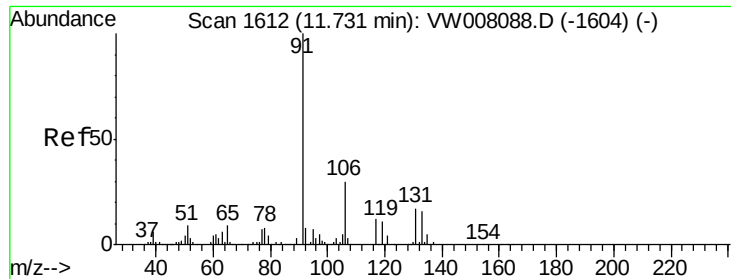
Tgt Ion:112 Resp: 171084
Ion Ratio Lower Upper
112 100
114 31.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 57.834 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion:131 Resp: 58189
Ion Ratio Lower Upper
131 100
133 96.7 47.9 143.7
119 66.0 32.5 97.4

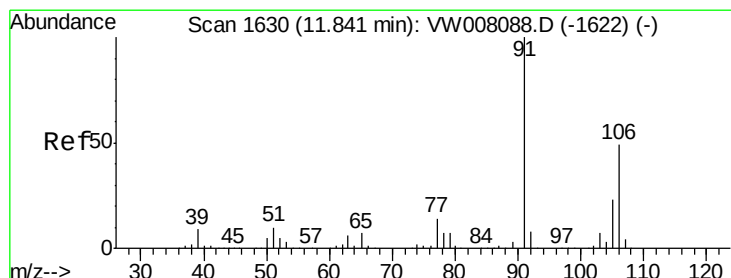
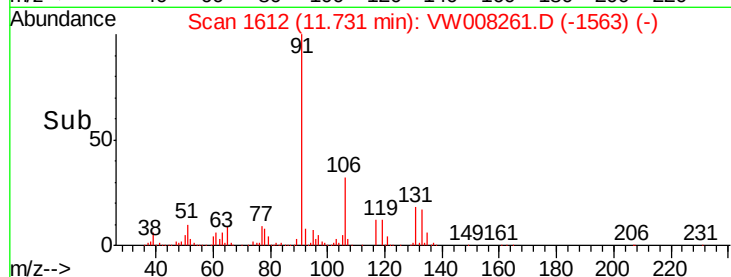
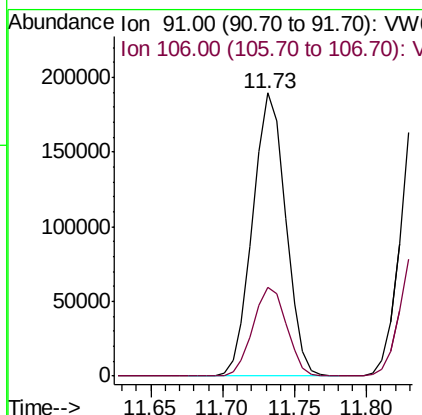
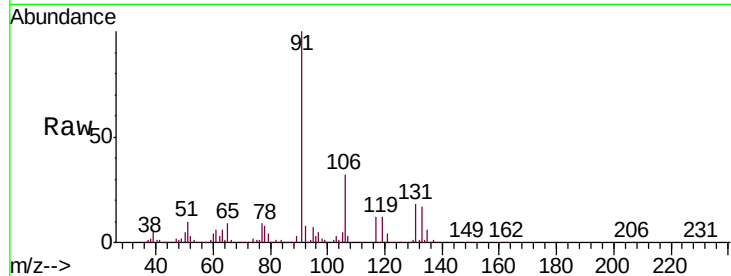




#67
Ethyl Benzene
Concen: 53.124 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

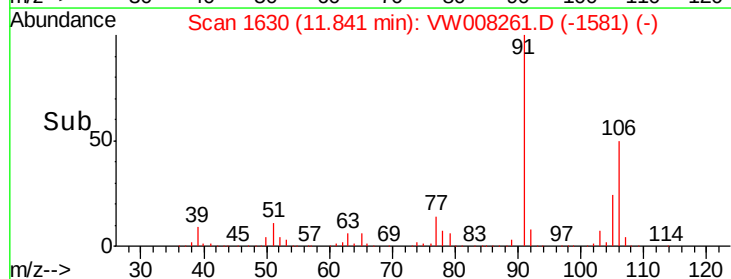
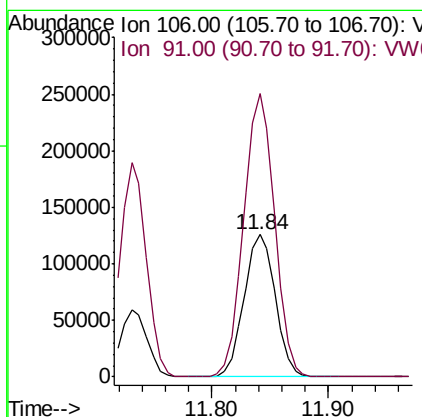
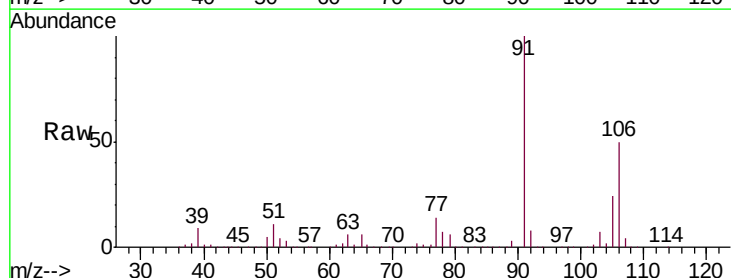
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

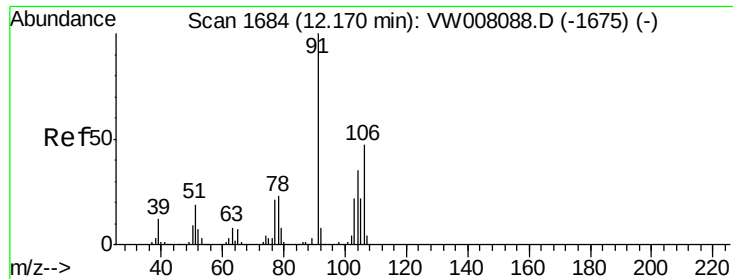
Tgt Ion: 91 Resp: 300688
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.4



#68
m/p-Xylenes
Concen: 108.518 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion: 106 Resp: 234441
Ion Ratio Lower Upper
106 100
91 197.0 162.4 243.6

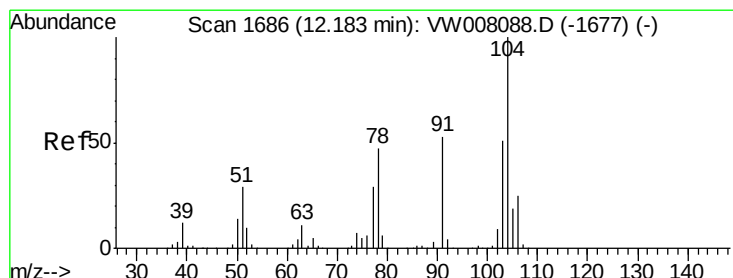
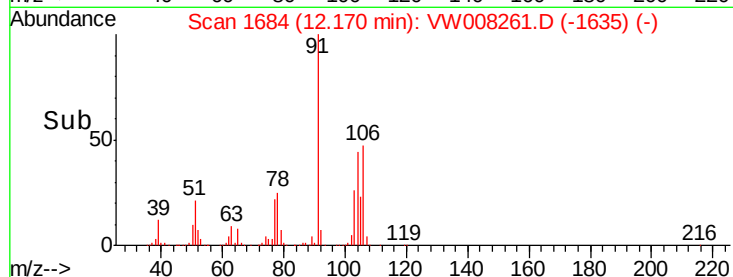
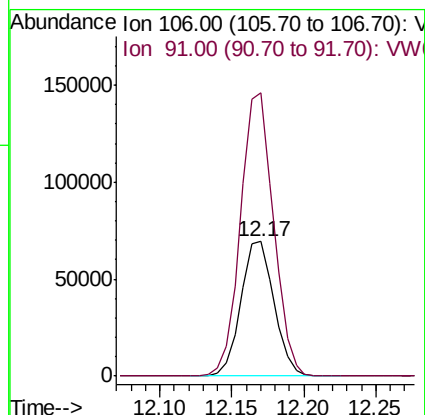
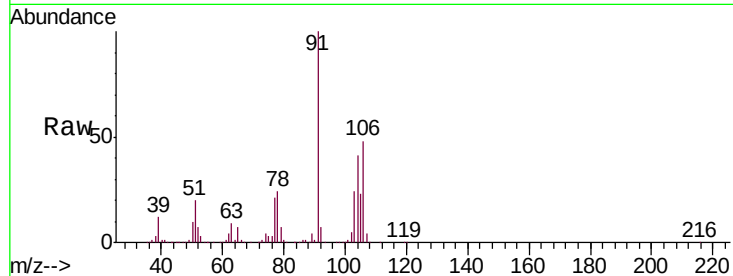




#69
o-Xylene
Concen: 55.405 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

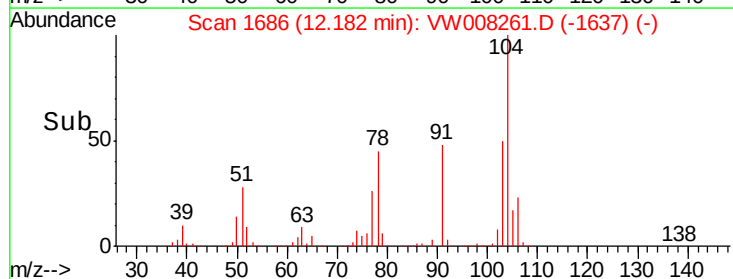
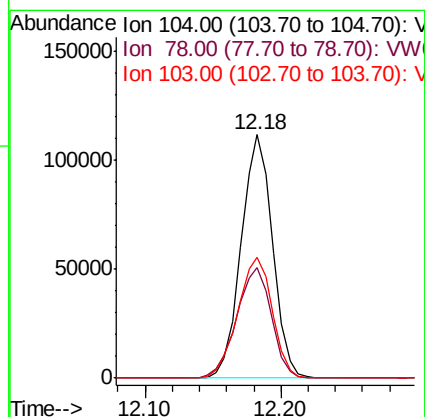
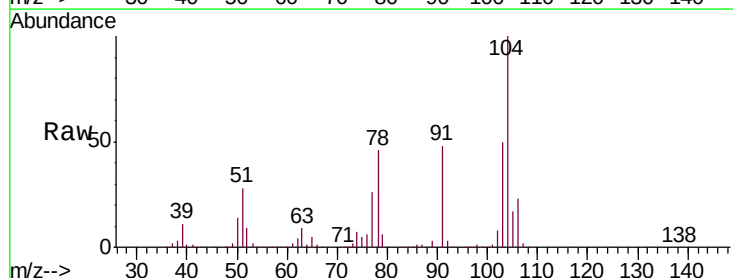
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

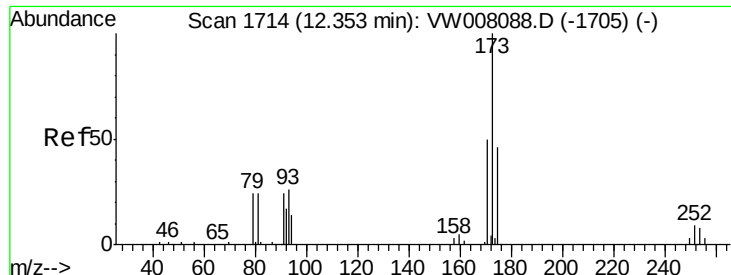
Tgt Ion:106 Resp: 110845
Ion Ratio Lower Upper
106 100
91 209.6 107.8 323.6



#70
Styrene
Concen: 57.202 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion:104 Resp: 179248
Ion Ratio Lower Upper
104 100
78 50.5 41.8 62.8
103 55.1 43.8 65.8





#71

Bromoform

Concen: 68.221 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

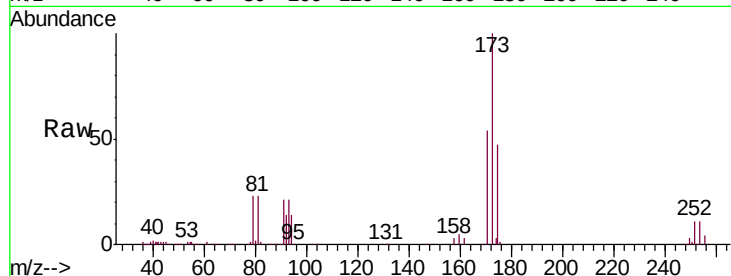
Tgt Ion:173 Resp: 30720

Ion Ratio Lower Upper

173 100

175 49.6 23.3 69.8

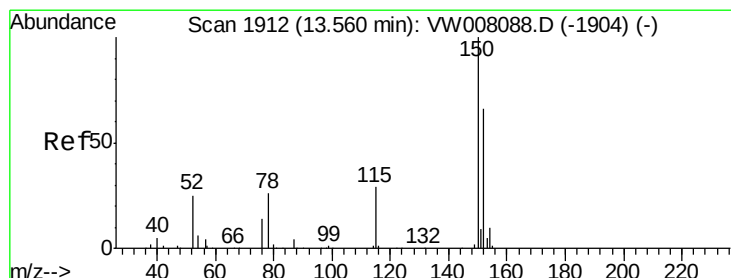
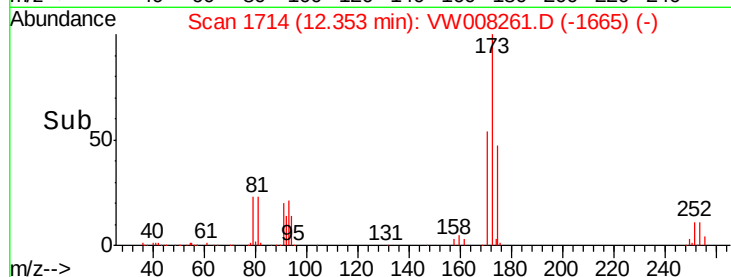
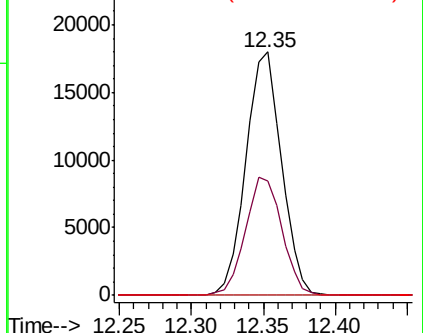
254 0.0 0.0 0.0



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: VW008261.D

Acq: 14 Jan 2019 21:56

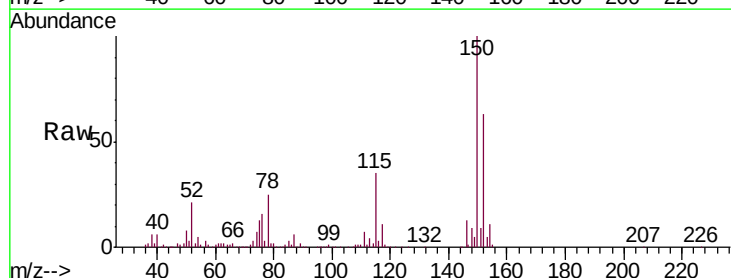
Tgt Ion:152 Resp: 73257

Ion Ratio Lower Upper

152 100

115 56.4 30.8 92.4

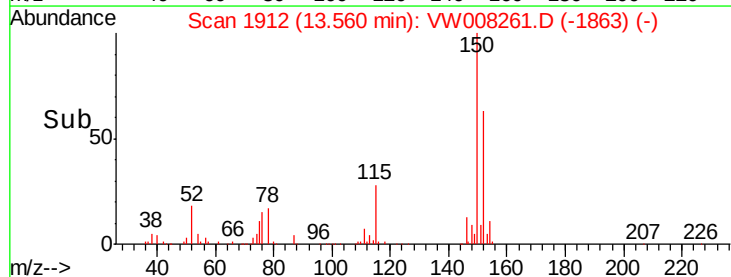
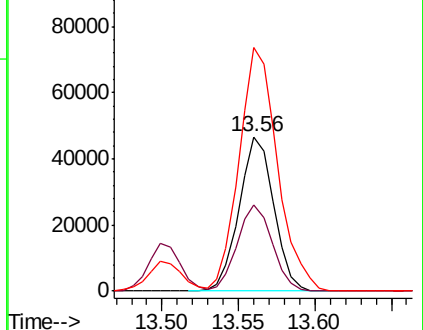
150 175.4 0.0 350.2

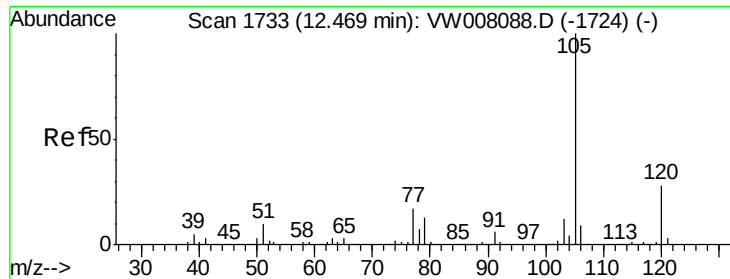


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.908 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

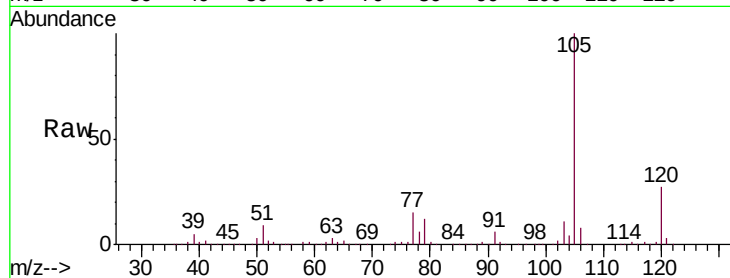
VSTDCCC050EC

Tgt Ion: 105 Resp: 298543

Ion Ratio Lower Upper

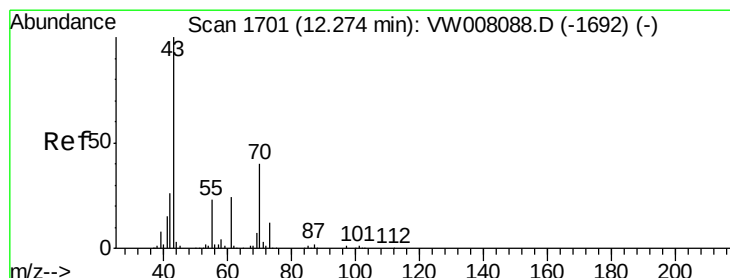
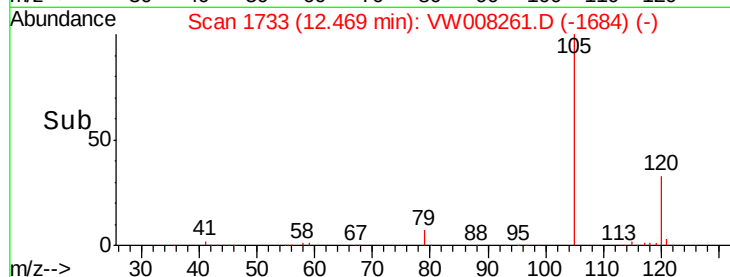
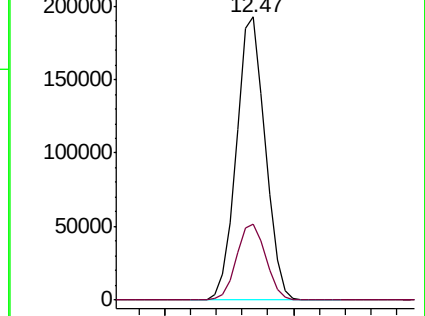
105 100

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: 54.495 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Tgt Ion: 43 Resp: 69408

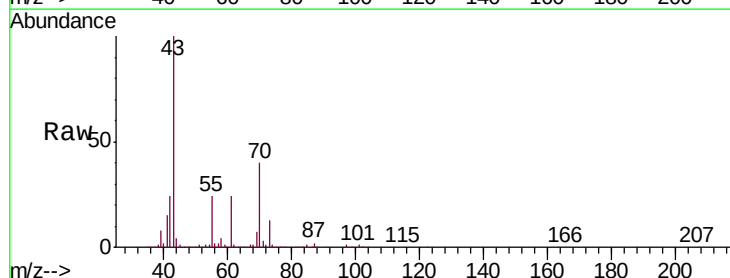
Ion Ratio Lower Upper

43 100

70 40.8 32.4 48.6

55 25.3 18.7 28.1

61 24.2 19.0 28.6

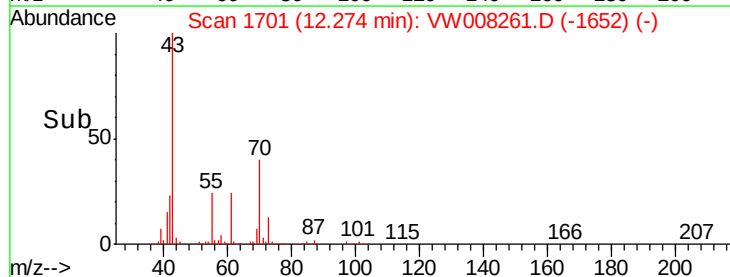
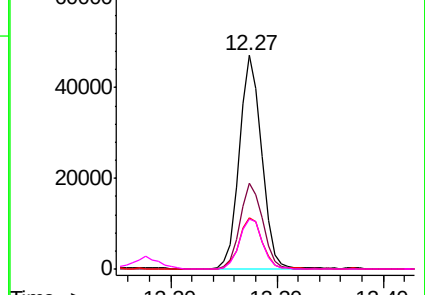


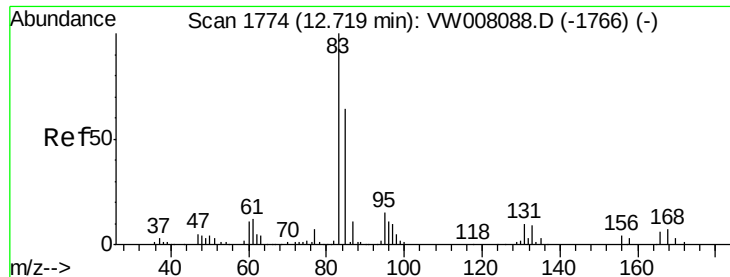
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 57.794 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

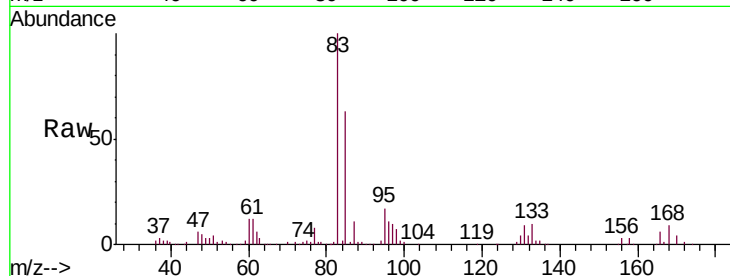
Tgt Ion: 83 Resp: 53204

Ion Ratio Lower Upper

83 100

131 10.7 5.3 16.1

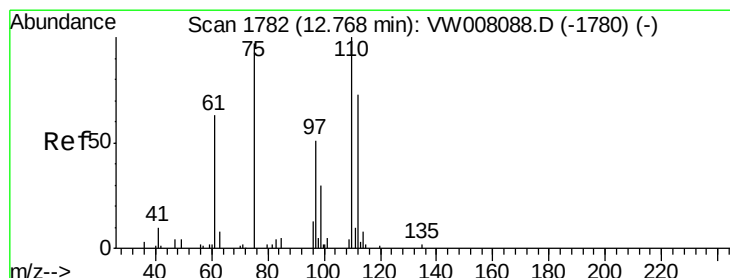
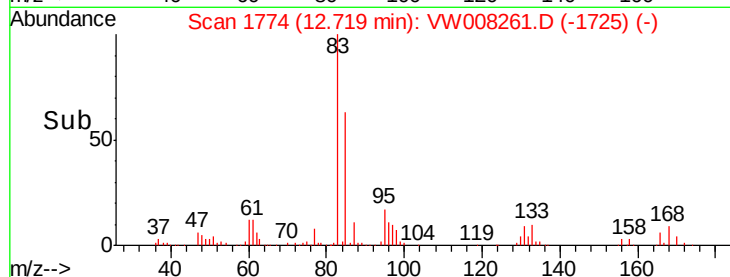
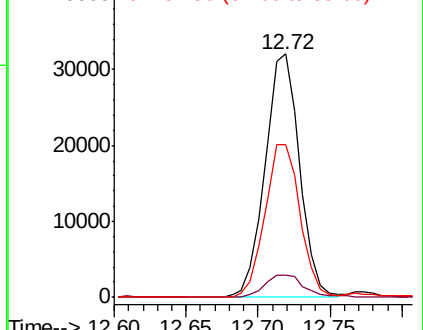
85 64.2 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 104.174 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008261.D

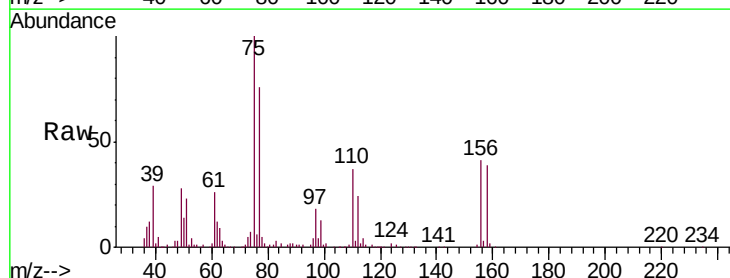
Acq: 14 Jan 2019 21:56

Tgt Ion: 75 Resp: 69569

Ion Ratio Lower Upper

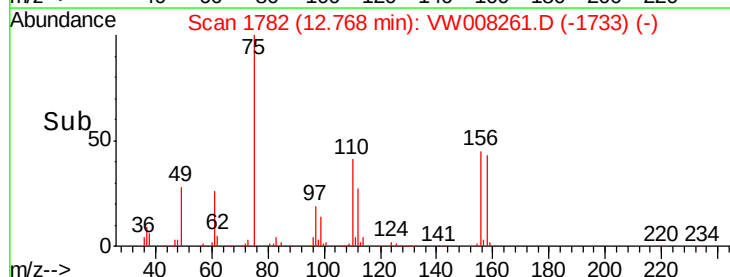
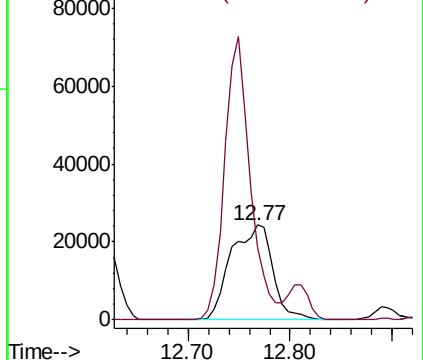
75 100

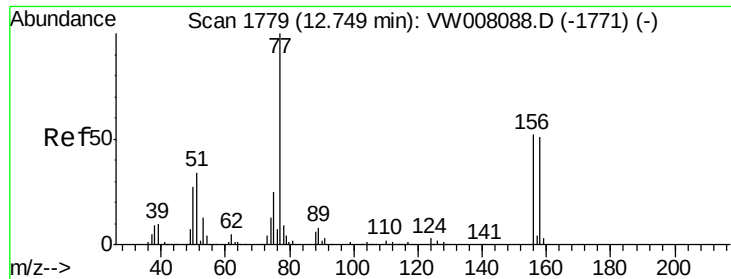
77 183.6 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 57.274 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

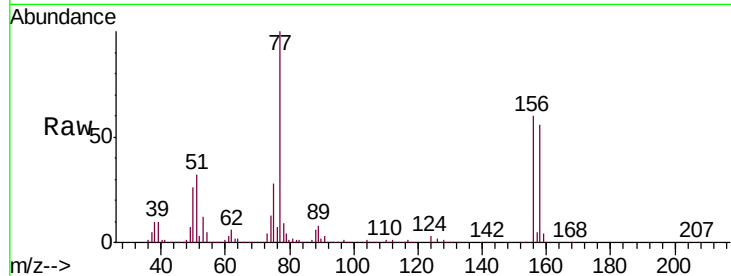
Tgt Ion:156 Resp: 69602

Ion Ratio Lower Upper

156 100

77 183.5 104.2 312.5

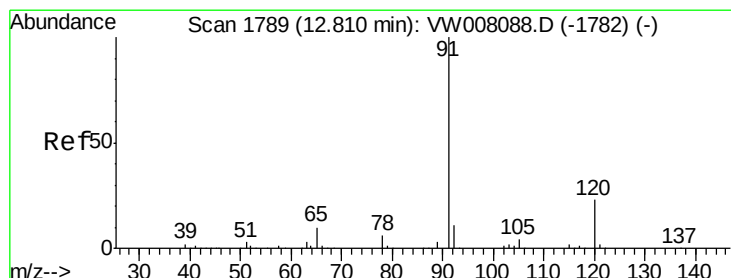
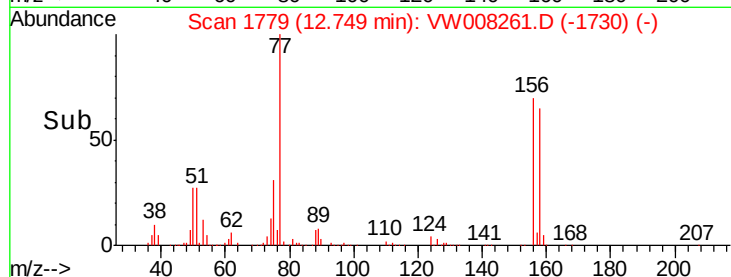
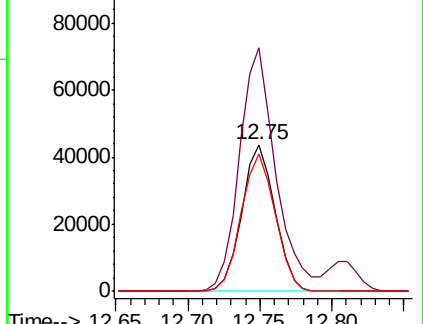
158 95.9 47.9 143.6



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: 50.561 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008261.D

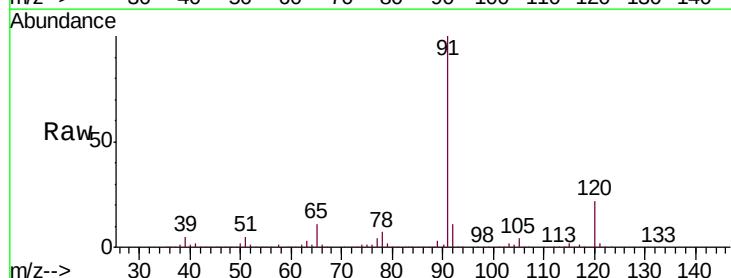
Acq: 14 Jan 2019 21:56

Tgt Ion: 91 Resp: 356306

Ion Ratio Lower Upper

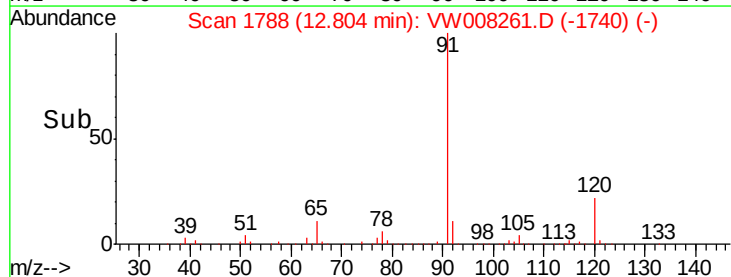
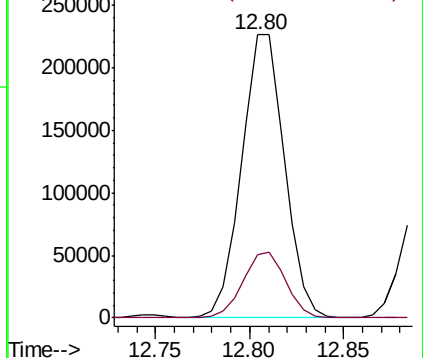
91 100

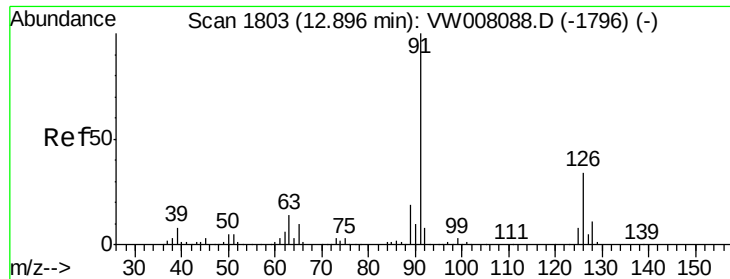
120 23.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.712 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

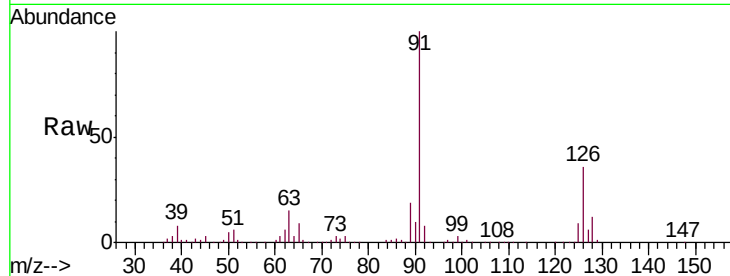
VSTDCCC050EC

Tgt Ion: 91 Resp: 199379

Ion Ratio Lower Upper

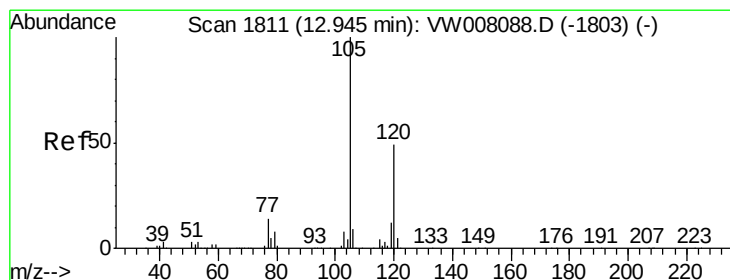
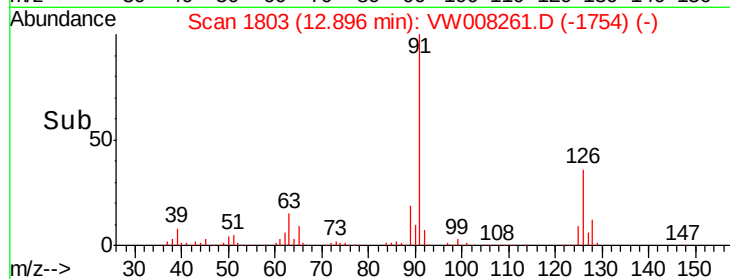
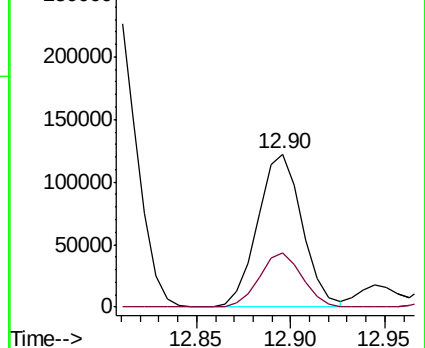
91 100

126 34.9 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.957 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW008261.D

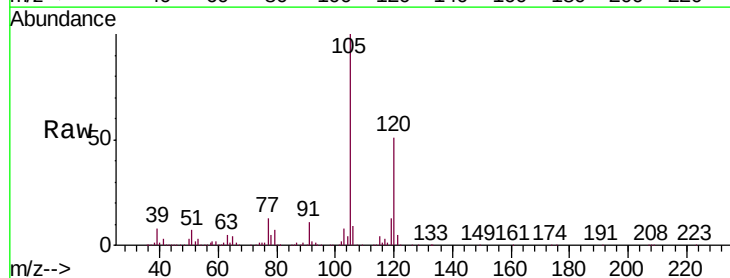
Acq: 14 Jan 2019 21:56

Tgt Ion: 105 Resp: 245561

Ion Ratio Lower Upper

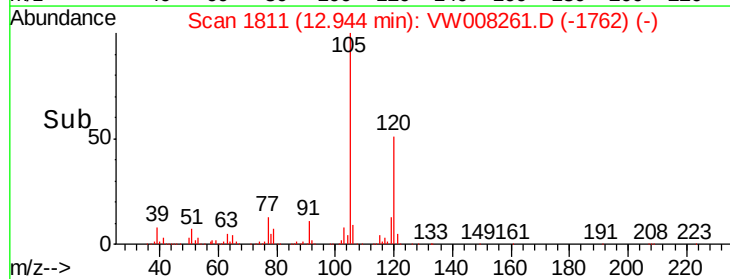
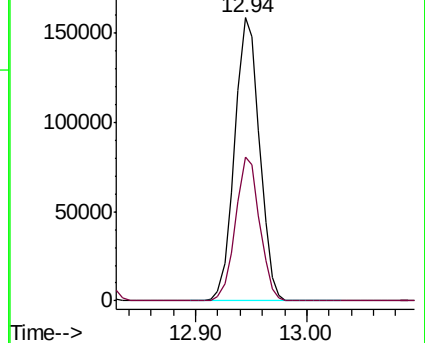
105 100

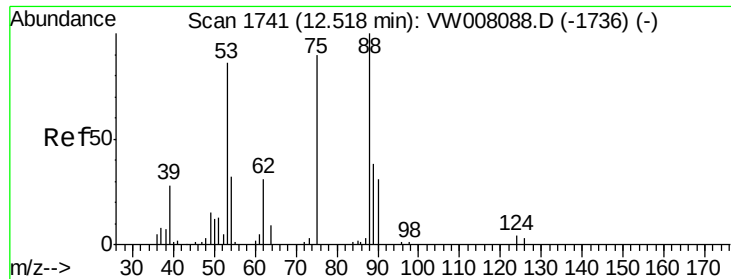
120 49.5 24.7 74.1



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: 56.159 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

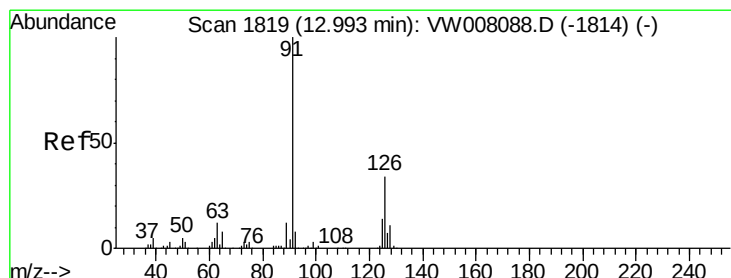
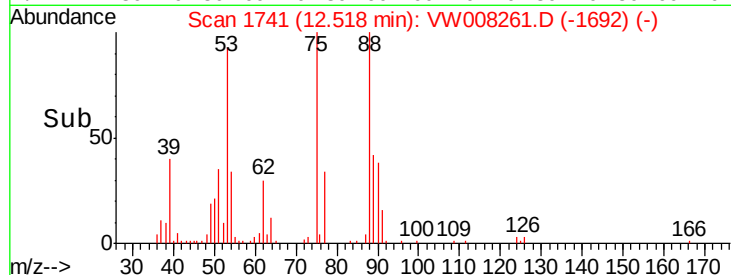
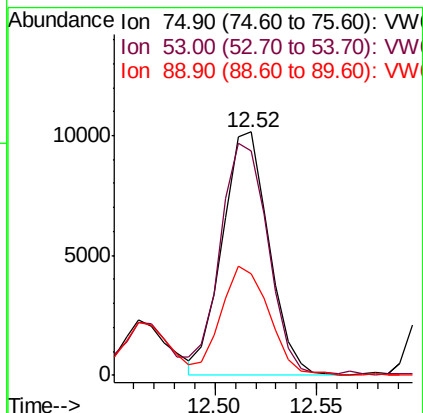
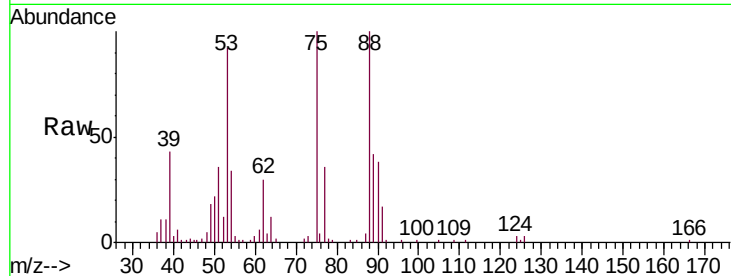
Tgt Ion: 75 Resp: 16105

Ion Ratio Lower Upper

75 100

53 98.4 78.8 118.2

89 46.1 35.4 53.2



#82

4-Chlorotoluene

Concen: 49.894 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008261.D

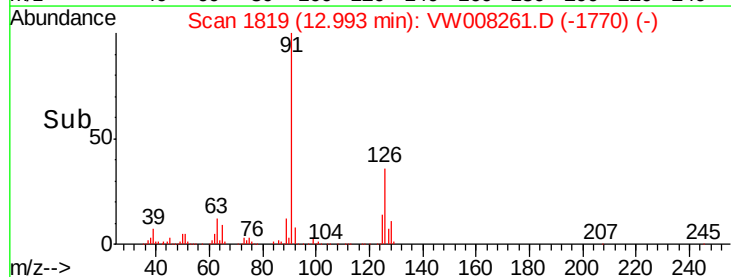
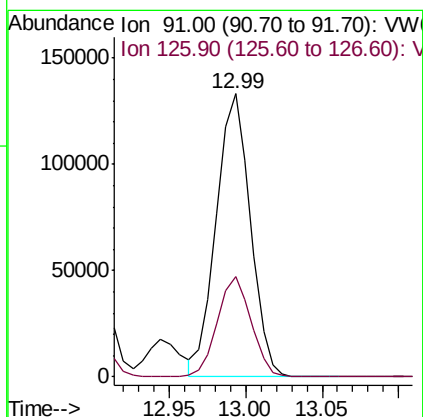
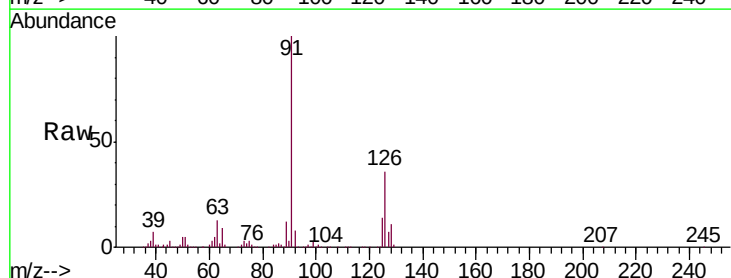
Acq: 14 Jan 2019 21:56

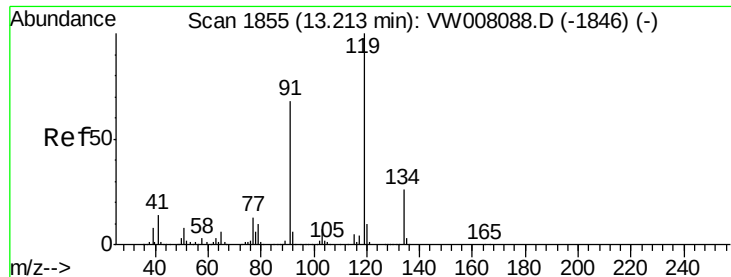
Tgt Ion: 91 Resp: 206600

Ion Ratio Lower Upper

91 100

126 35.0 16.5 49.5

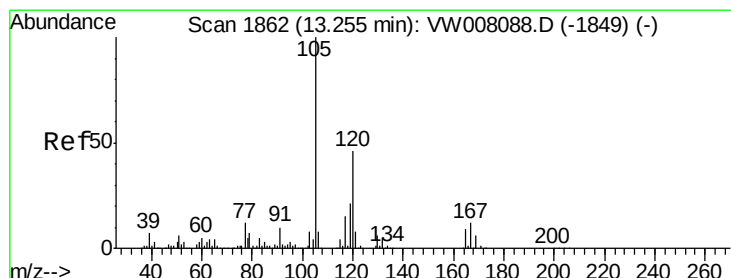
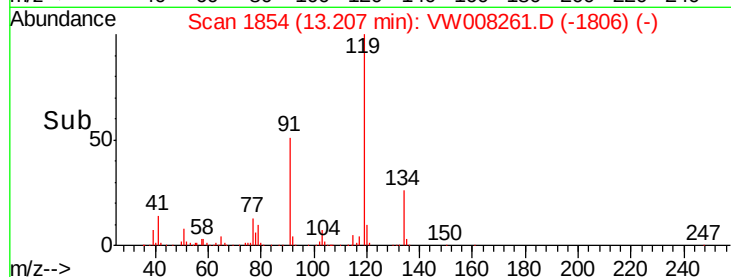
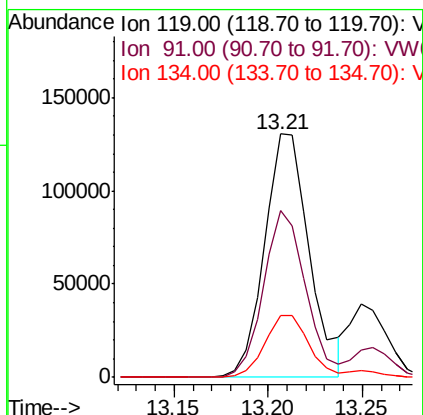
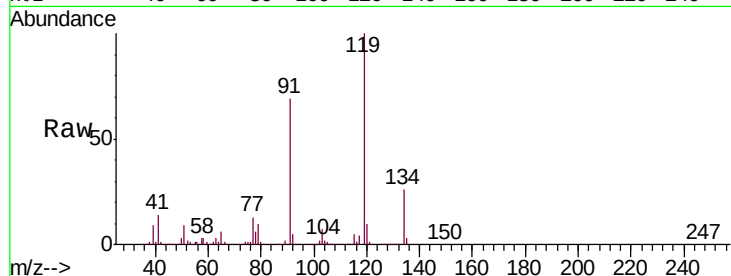




#83
 tert-Butylbenzene
 Concen: 51.516 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

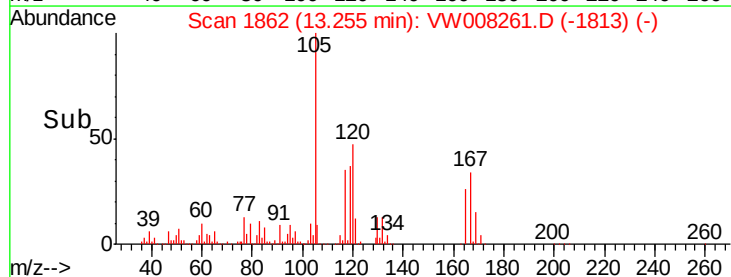
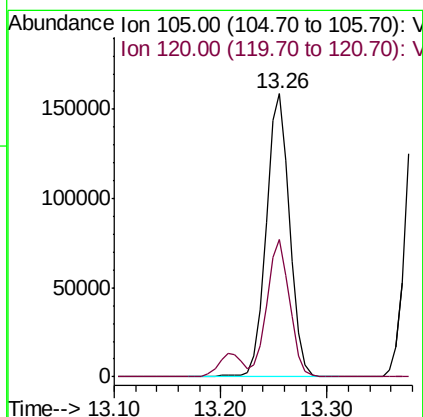
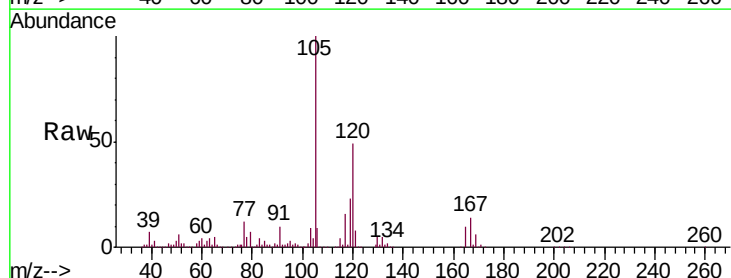
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

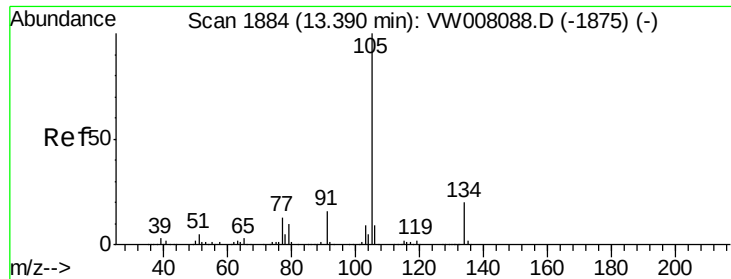
Tgt Ion:119 Resp: 215400
 Ion Ratio Lower Upper
 119 100
 91 64.5 33.9 101.6
 134 27.2 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.974 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion:105 Resp: 243601
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 49.340 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

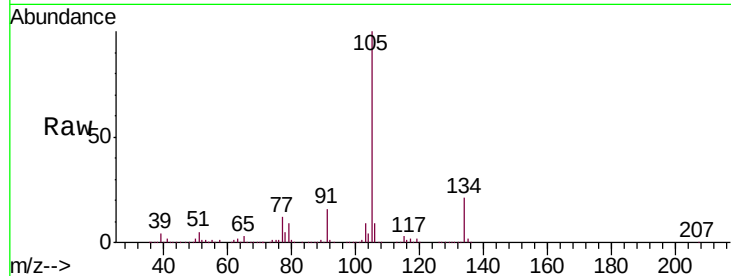
VSTDCCC050EC

Tgt Ion:105 Resp: 302200

Ion Ratio Lower Upper

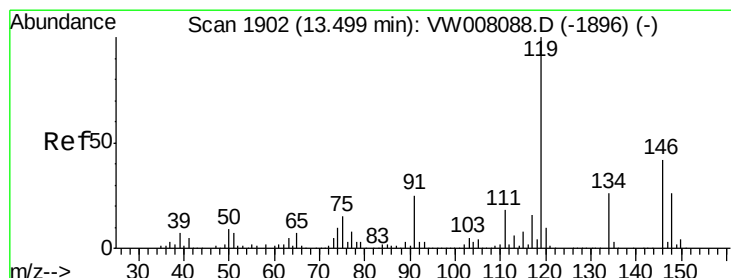
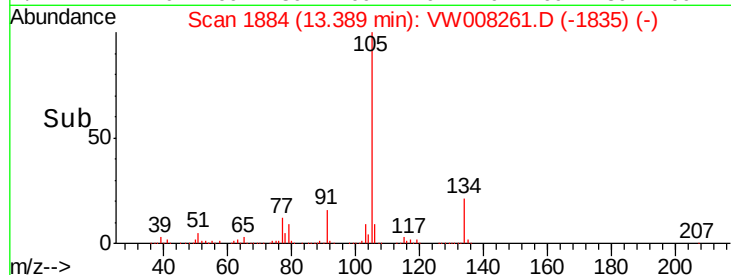
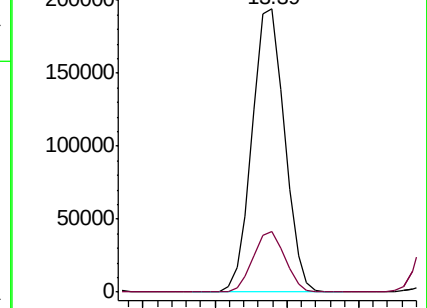
105 100

134 20.9 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.776 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

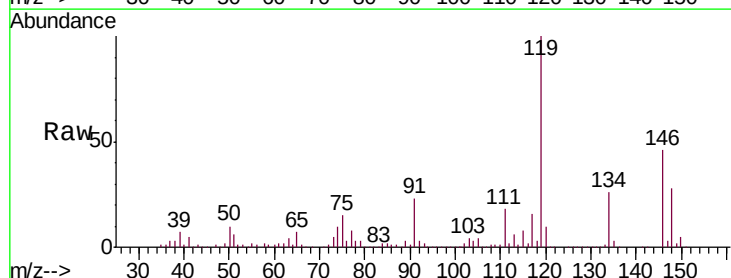
Tgt Ion:119 Resp: 273850

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

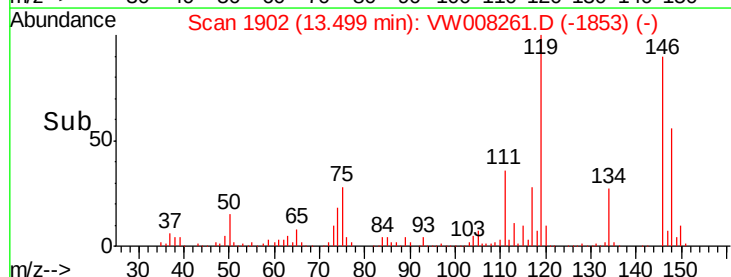
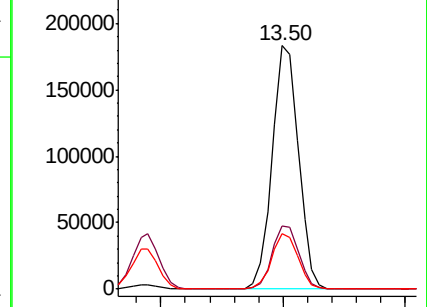
91 23.0 12.3 36.9

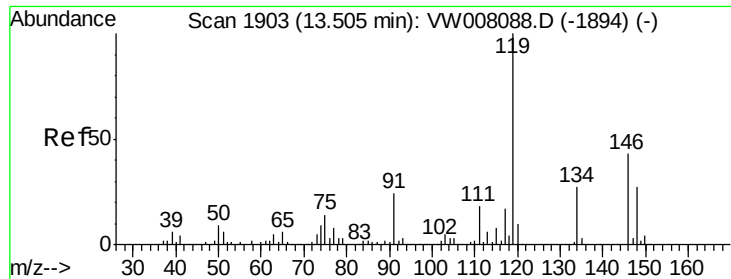


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

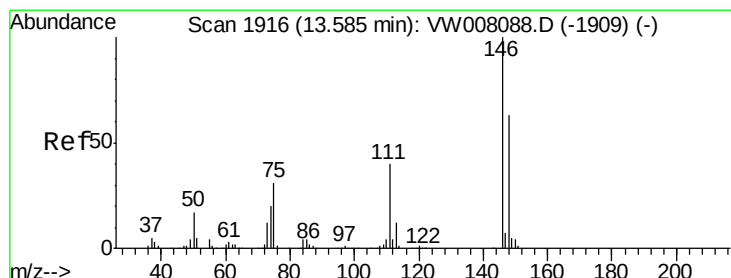
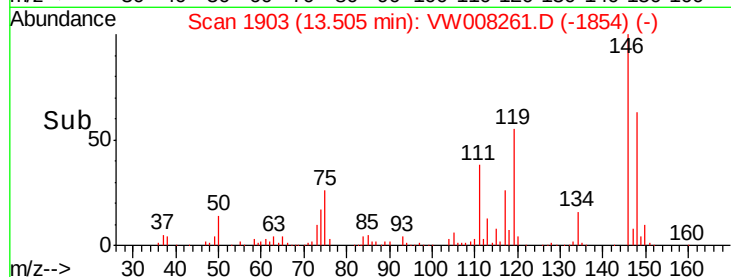
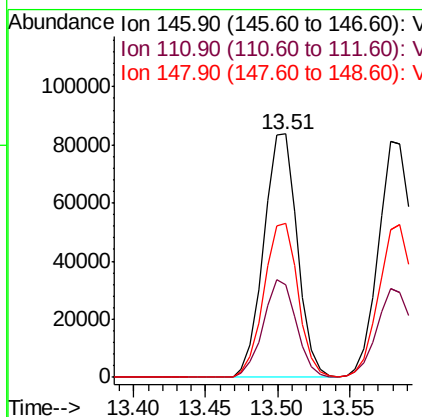
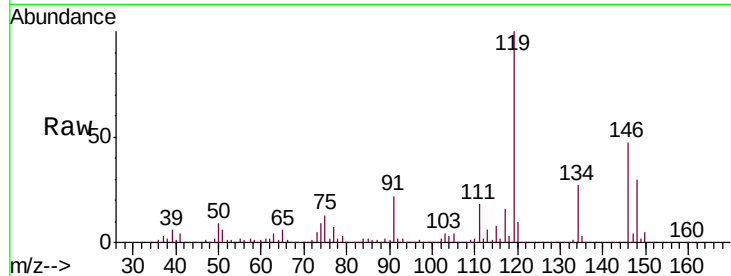




#87
 1,3-Dichlorobenzene
 Concen: 54.912 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

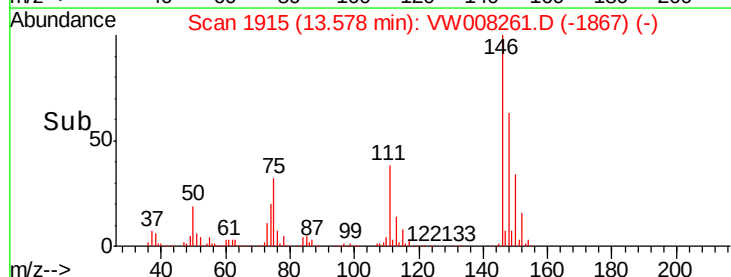
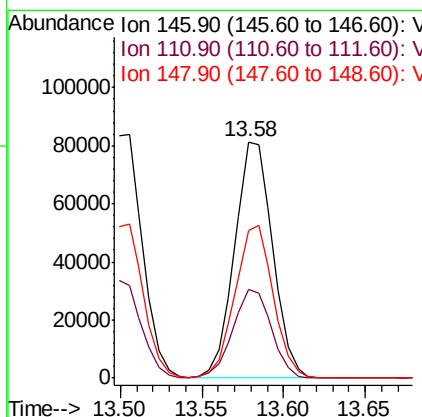
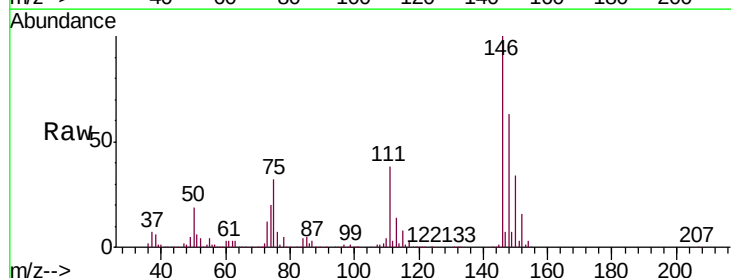
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

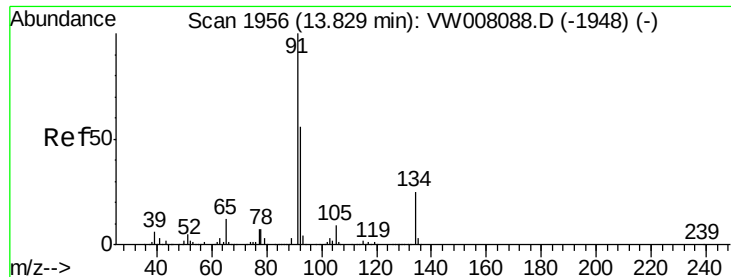
Tgt Ion:146 Resp: 135367
 Ion Ratio Lower Upper
 146 100
 111 39.5 21.1 63.1
 148 64.1 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 53.224 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion:146 Resp: 131639
 Ion Ratio Lower Upper
 146 100
 111 38.3 20.5 61.5
 148 65.2 31.6 94.8





#89

n-Butylbenzene

Concen: 50.063 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008261.D

Acq: 14 Jan 2019 21:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

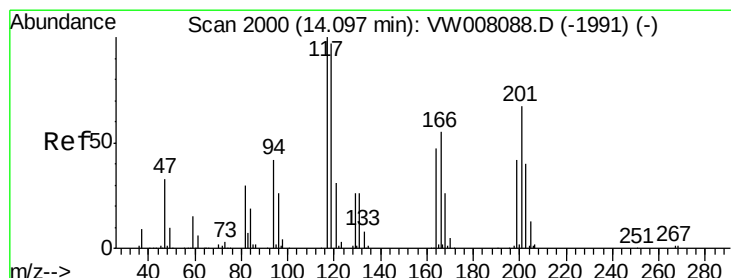
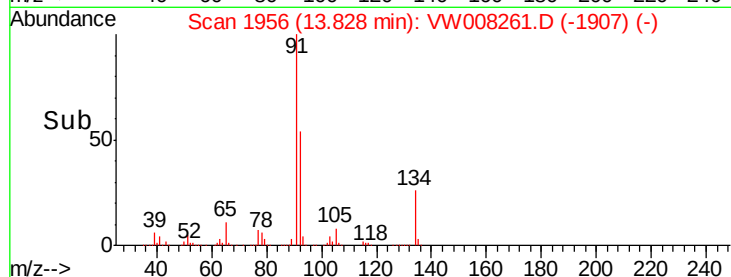
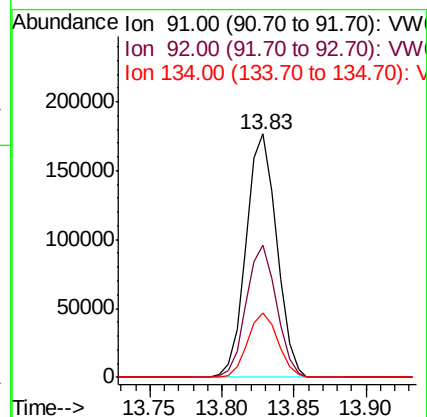
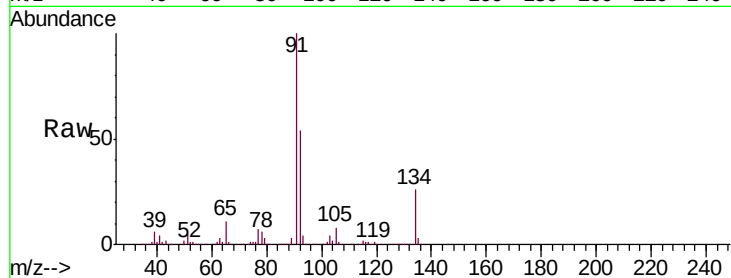
Tgt Ion: 91 Resp: 259336

Ion Ratio Lower Upper

91 100

92 53.9 27.4 82.2

134 26.2 12.6 37.8



#90

Hexachloroethane

Concen: 54.546 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008261.D

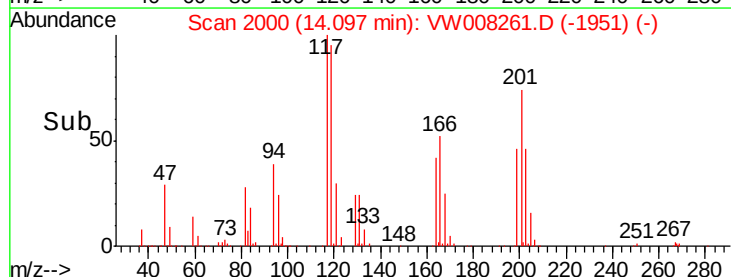
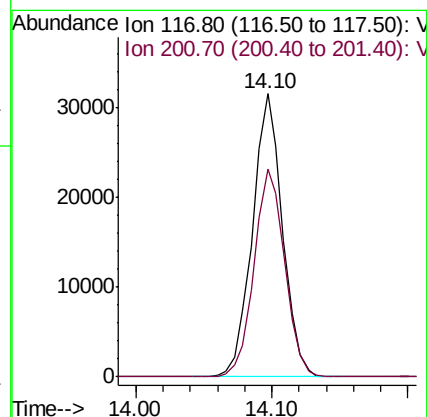
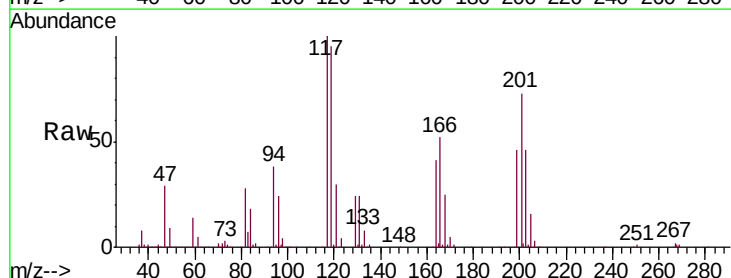
Acq: 14 Jan 2019 21:56

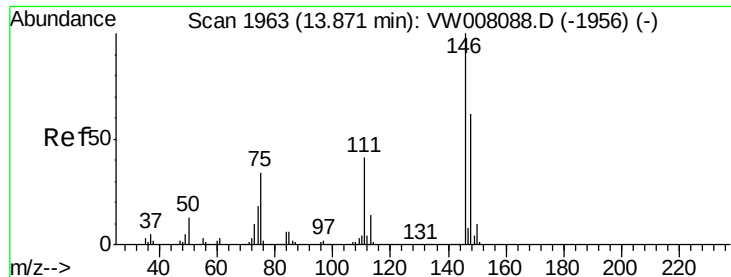
Tgt Ion: 117 Resp: 48729

Ion Ratio Lower Upper

117 100

201 74.8 33.0 98.9

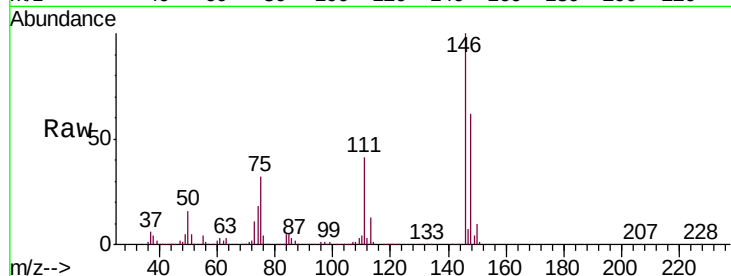




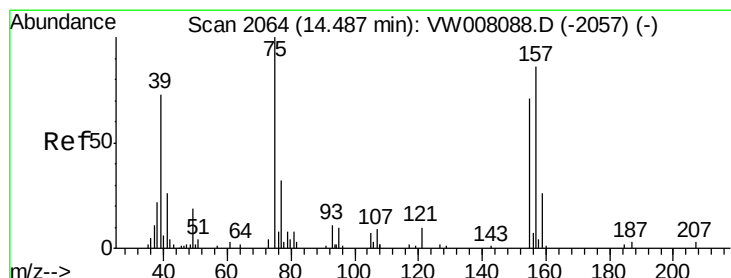
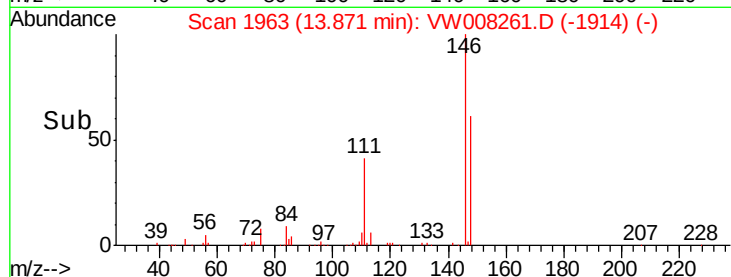
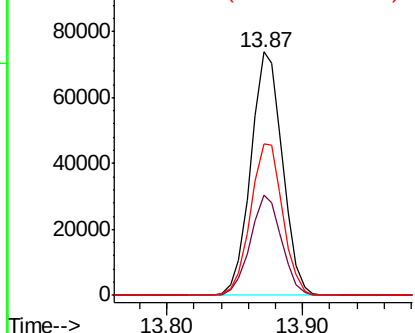
#91
 1,2-Dichlorobenzene
 Concen: 55.616 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 120493
 Ion Ratio Lower Upper
 146 100
 111 40.6 21.3 63.7
 148 63.3 31.5 94.5

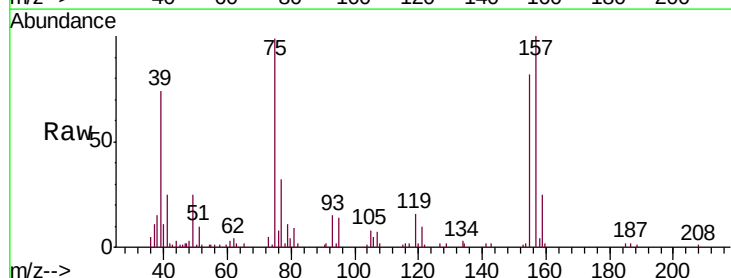


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

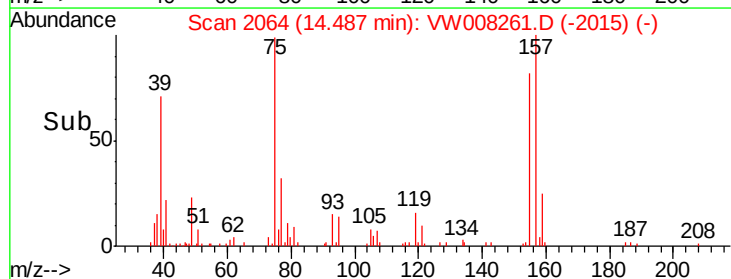
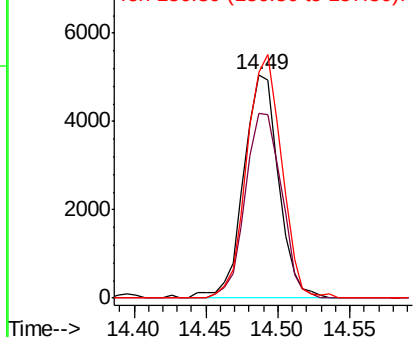


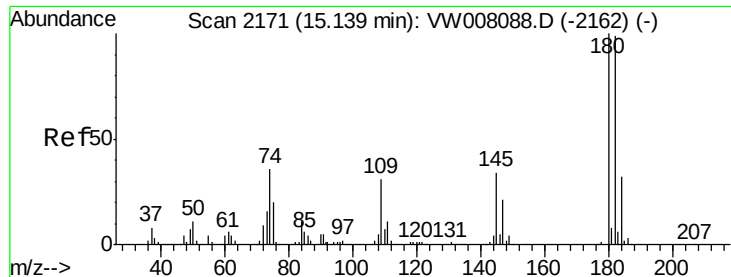
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.211 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion: 75 Resp: 8476
 Ion Ratio Lower Upper
 75 100
 155 86.0 38.6 115.7
 157 108.6 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

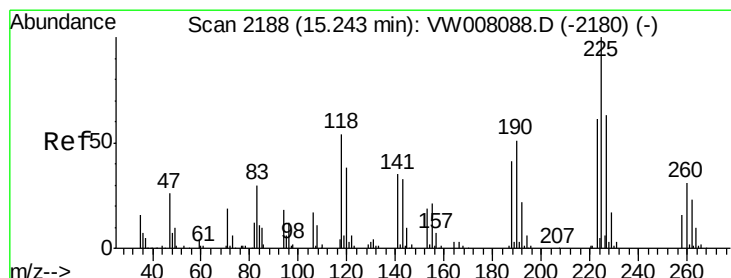
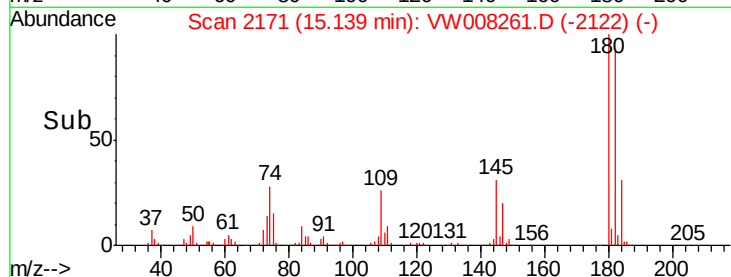
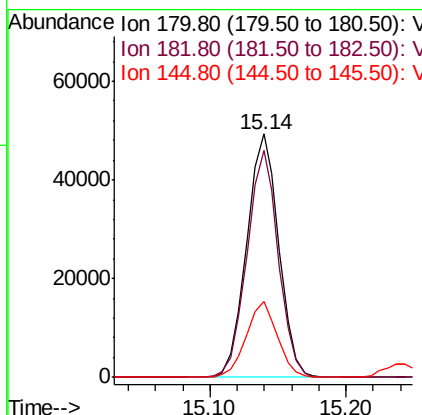
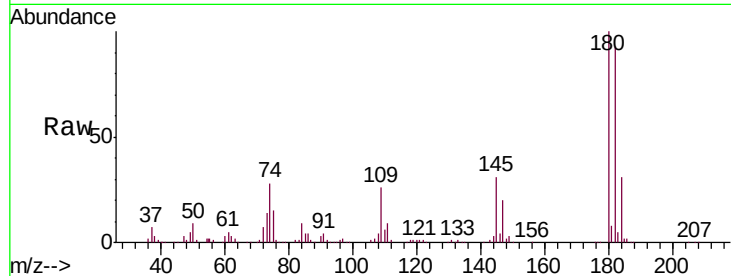




#93
 1,2,4-Trichlorobenzene
 Concen: 56.498 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

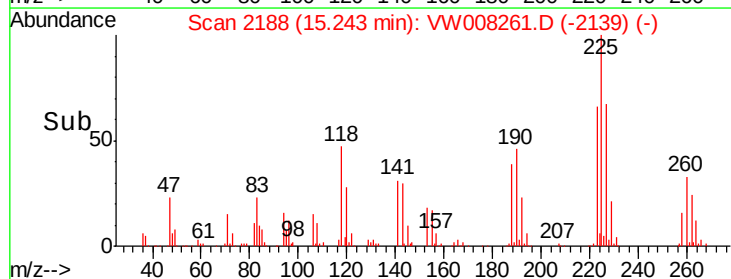
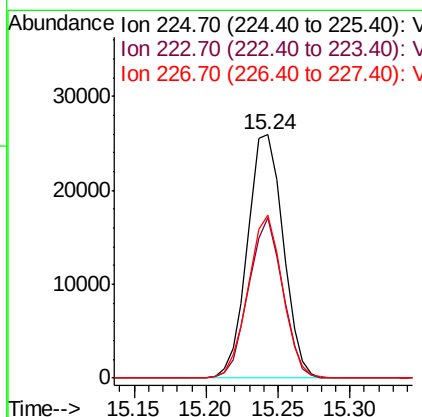
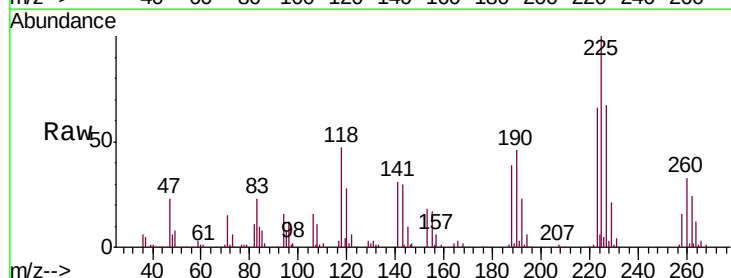
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

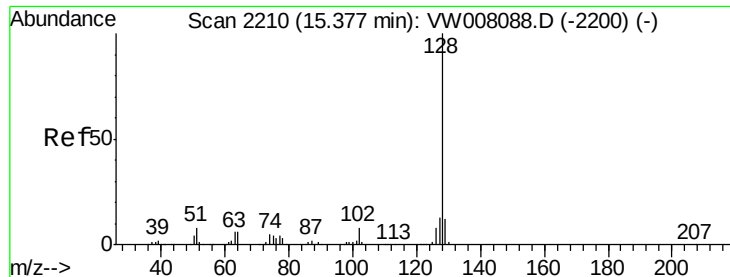
Tgt Ion:180 Resp: 81266
 Ion Ratio Lower Upper
 180 100
 182 91.3 48.6 145.9
 145 30.3 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 57.836 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008261.D
 Acq: 14 Jan 2019 21:56

Tgt Ion:225 Resp: 44527
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.3
 227 64.6 32.0 96.2

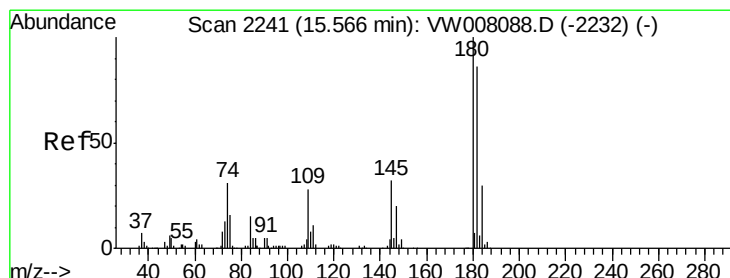
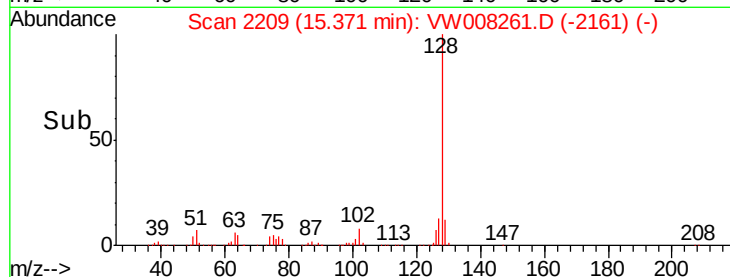
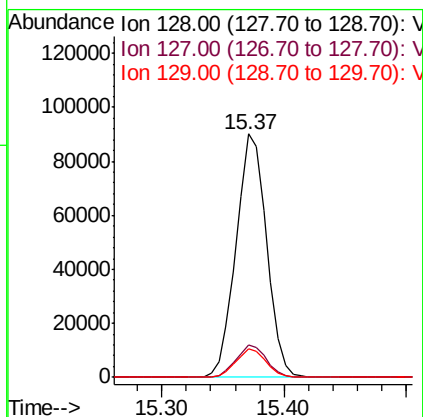
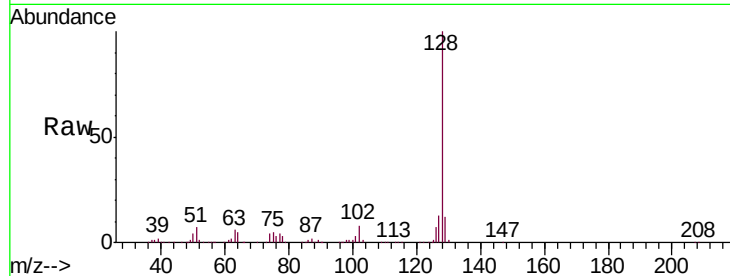




#95
Naphthalene
Concen: 58.013 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 155811
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 11.6 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 57.395 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008261.D
Acq: 14 Jan 2019 21:56

Tgt Ion:180 Resp: 70377
Ion Ratio Lower Upper
180 100
182 95.4 46.5 139.3
145 32.0 17.4 52.2

