

Data File : VW008766.D
Acq On : 21 Feb 2019 12:13
Operator : SY/VA
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Quant Time: Feb 22 00:24:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:19:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	337590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	486015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	468274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	255801	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	153321	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	7.88	113	143722	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	10.32	98	584838	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.62	95	221587	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	162395	48.029	ug/l	100
3) Chloromethane	2.21	50	201928	49.061	ug/l	100
4) Vinyl Chloride	2.35	62	210750	48.362	ug/l	100
5) Bromomethane	2.76	94	150348	46.450	ug/l	100
6) Chloroethane	2.91	64	153684	49.664	ug/l	100
7) Trichlorofluoromethane	3.26	101	257952	46.803	ug/l	100
8) Diethyl Ether	3.68	74	78197	44.815	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	157563	47.077	ug/l	100
10) Methyl Iodide	4.27	142	223954	53.510	ug/l	100
11) Tert butyl alcohol	5.17	59	62462	227.139	ug/l	100
12) 1,1-Dichloroethene	4.04	96	141549	47.888	ug/l	100
13) Acrolein	3.89	56	69294	259.953	ug/l	100
14) Allyl chloride	4.67	41	245239	48.072	ug/l	100
15) Acrylonitrile	5.37	53	176462	235.644	ug/l	100
16) Acetone	4.12	43	184299	251.116	ug/l	100
17) Carbon Disulfide	4.37	76	493565	50.328	ug/l	100
18) Methyl Acetate	4.68	43	74567	42.835	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	373861	46.730	ug/l	100
20) Methylene Chloride	4.92	84	179691	41.527	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	161235	47.157	ug/l	100
22) Diisopropyl ether	6.31	45	490346	48.184	ug/l	100
23) Vinyl Acetate	6.26	43	1501974	238.877	ug/l	100
24) 1,1-Dichloroethane	6.21	63	276227	46.841	ug/l	100
25) 2-Butanone	7.17	43	249237	242.905	ug/l	100
26) 2,2-Dichloropropane	7.17	77	243756	45.529	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	170453	46.605	ug/l	100
28) Bromochloromethane	7.51	49	118787	48.136	ug/l	100
29) Tetrahydrofuran	7.53	42	152851	233.759	ug/l	100
30) Chloroform	7.68	83	282555	46.706	ug/l	100
31) Cyclohexane	7.95	56	272081	45.581	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	258638	47.011	ug/l	100
36) 1,1-Dichloropropene	8.08	75	227773	48.144	ug/l	100
37) Ethyl Acetate	7.25	43	102668	46.666	ug/l	100
38) Carbon Tetrachloride	8.07	117	236535	47.408	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	292562	49.577	ug/l	100
40) Benzene	8.32	78	636689	49.290	ug/l	100
41) Methacrylonitrile	7.49	41	58160	44.974	ug/l	100
42) 1,2-Dichloroethane	8.40	62	193864	47.378	ug/l	100
43) Isopropyl Acetate	8.42	43	206299	46.984	ug/l	100
44) Trichloroethene	9.09	130	175405	48.203	ug/l	100
45) 1,2-Dichloropropane	9.37	63	152262	47.701	ug/l	100
46) Dibromomethane	9.46	93	83117	46.813	ug/l	100
47) Bromodichloromethane	9.65	83	205698	47.616	ug/l	100
48) Methyl methacrylate	9.44	41	98726	46.946	ug/l	100
49) 1,4-Dioxane	9.45	88	30196	1061.988	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	541823	243.053	ug/l	100
52) Toluene	10.38	92	435599	49.689	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	214998	48.829	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	244466	48.681	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	114641	47.610	ug/l	100
56) Ethyl methacrylate	10.65	69	159822	51.088	ug/l	100
57) 1,3-Dichloropropane	10.93	76	201228	47.332	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	345177	219.383	ug/l	100
59) 2-Hexanone	10.97	43	400608	252.453	ug/l	100
60) Dibromochloromethane	11.13	129	142473	48.510	ug/l	100
61) 1,2-Dibromoethane	11.23	107	115253	48.356	ug/l	100
64) Tetrachloroethene	10.86	164	165351	49.329	ug/l	100
65) Chlorobenzene	11.66	112	480485	48.798	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	160366	48.168	ug/l	100
67) Ethyl Benzene	11.73	91	869323	49.388	ug/l	100
68) m/p-Xylenes	11.84	106	692228	98.427	ug/l	100
69) o-Xylene	12.16	106	326120	49.403	ug/l	100
70) Styrene	12.18	104	527350	49.655	ug/l	100
71) Bromoform	12.35	173	85266	47.645	ug/l	100
73) Isopropylbenzene	12.46	105	887397	50.604	ug/l	100
74) N-amyl acetate	12.27	43	222882	50.457	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	134915	47.085	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	192476	86.971	ug/l #	100
77) Bromobenzene	12.75	156	205219	49.522	ug/l	100
78) n-propylbenzene	12.80	91	1086893	50.669	ug/l	100
79) 2-Chlorotoluene	12.90	91	606502	49.799	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	765601	50.239	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	41261	47.495	ug/l	100
82) 4-Chlorotoluene	12.99	91	635822	49.541	ug/l	100
83) tert-Butylbenzene	13.21	119	657477	49.896	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	791402	50.168	ug/l	100
85) sec-Butylbenzene	13.38	105	951817	50.236	ug/l	100
86) p-Isopropyltoluene	13.50	119	872351	50.223	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	422148	49.100	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	417963	49.324	ug/l	100
89) n-Butylbenzene	13.83	91	827890	50.877	ug/l	100
90) Hexachloroethane	14.10	117	143450	50.449	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	373096	48.702	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25826	49.826	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW022119\
Quantitation Report (Not Reviewed)

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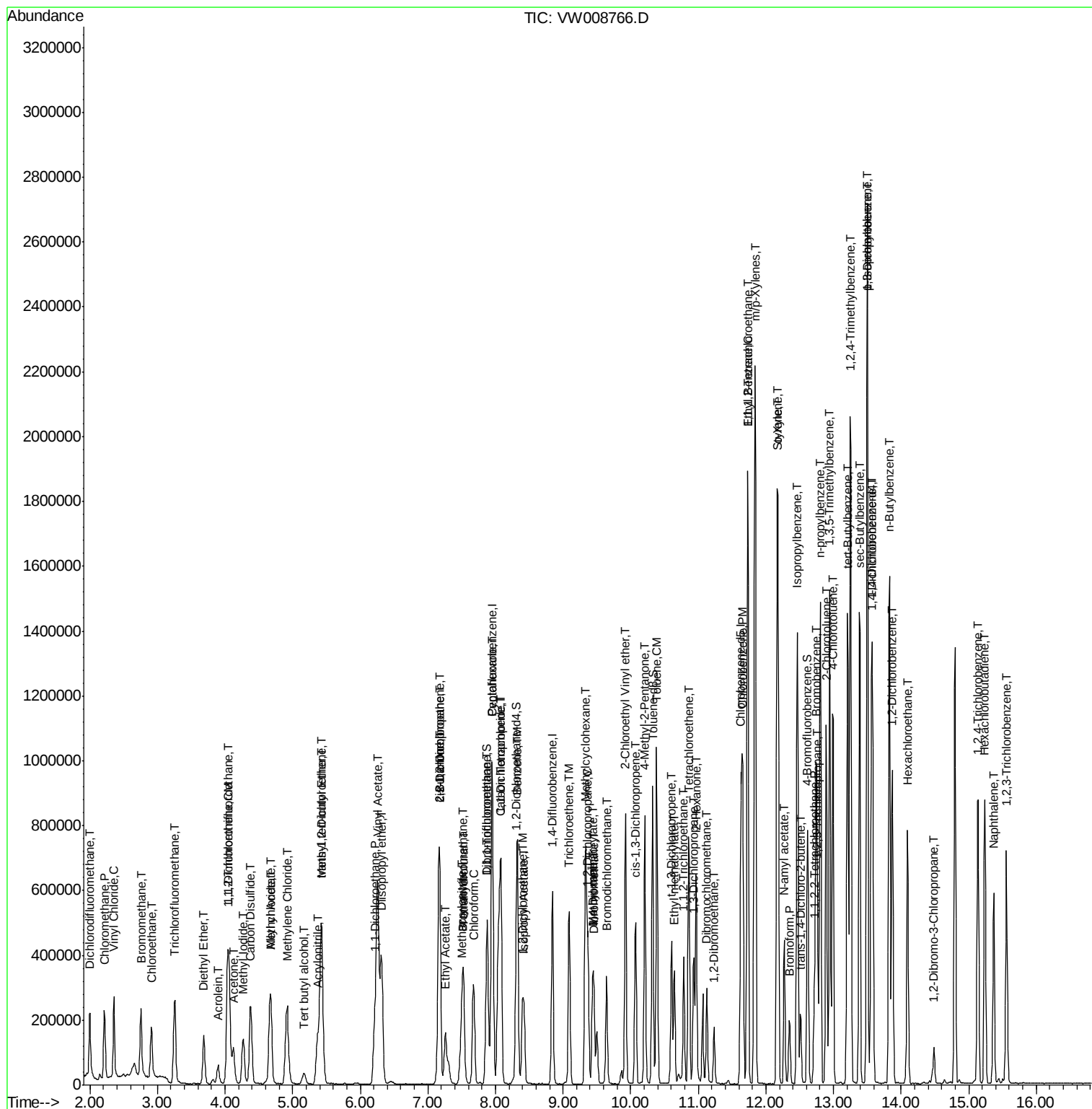
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	282347	51.152	ug/l	100
94) Hexachlorobutadiene	15.24	225	166270	51.139	ug/l	100
95) Naphthalene	15.37	128	487115	51.832	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	245810	51.505	ug/l	100

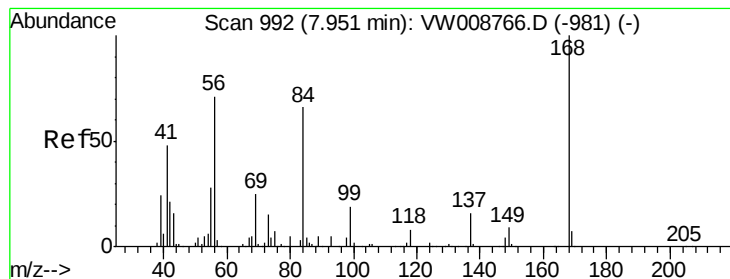
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

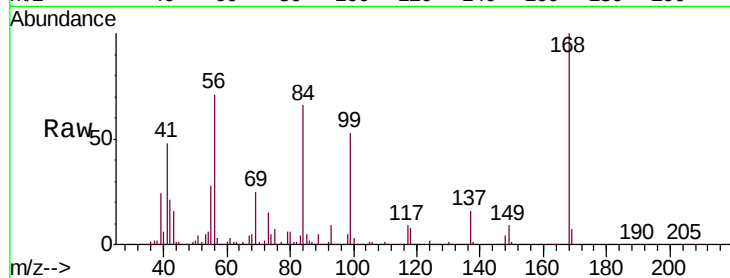
VSTDICCC050

Tgt Ion:168 Resp: 337590

Ion Ratio Lower Upper

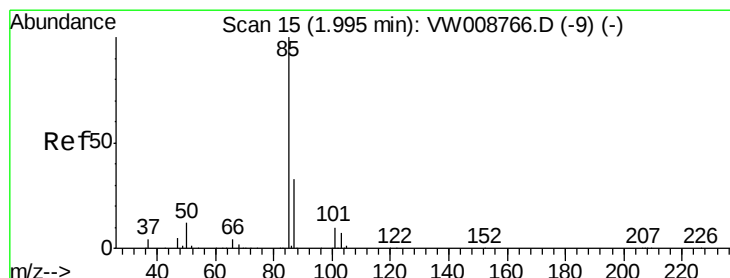
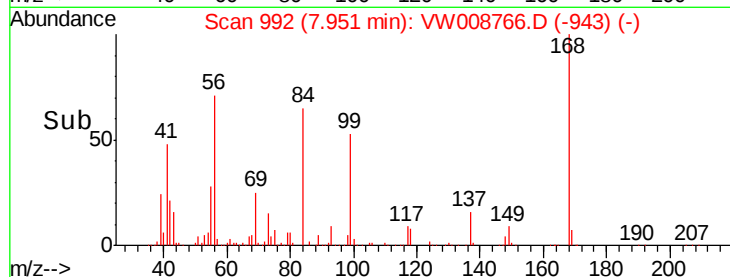
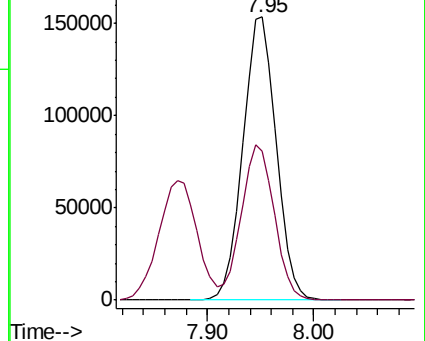
168 100

99 52.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 48.029 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW008766.D

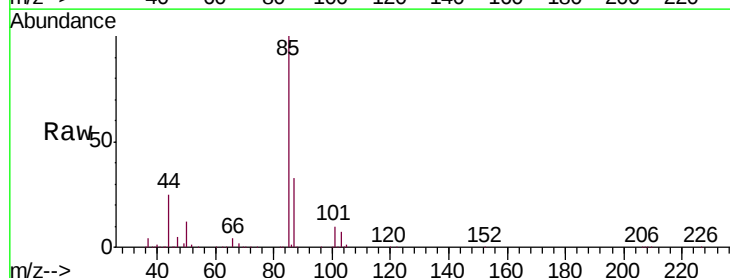
Acq: 21 Feb 2019 12:13

Tgt Ion: 85 Resp: 162395

Ion Ratio Lower Upper

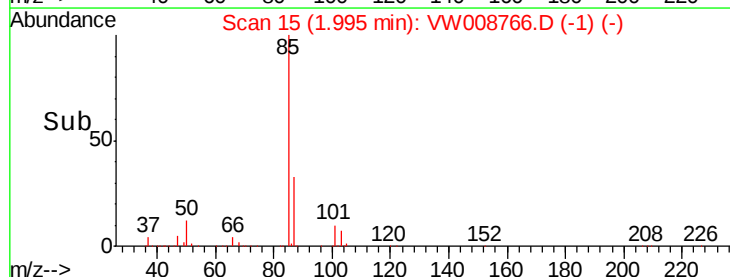
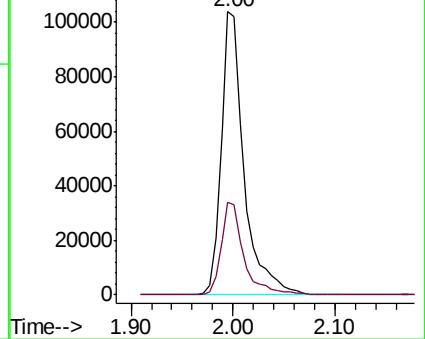
85 100

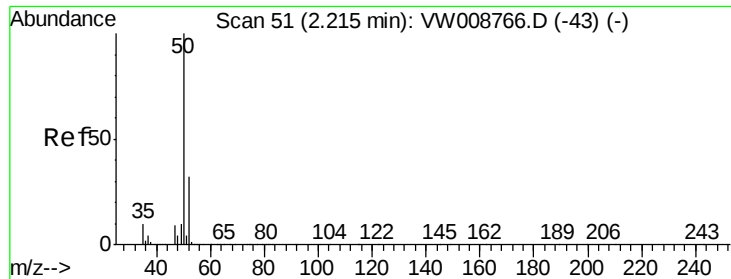
87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 49.061 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

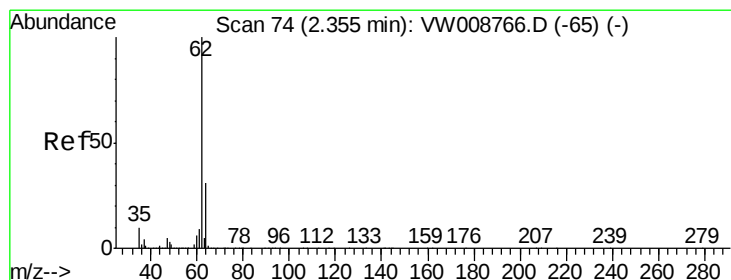
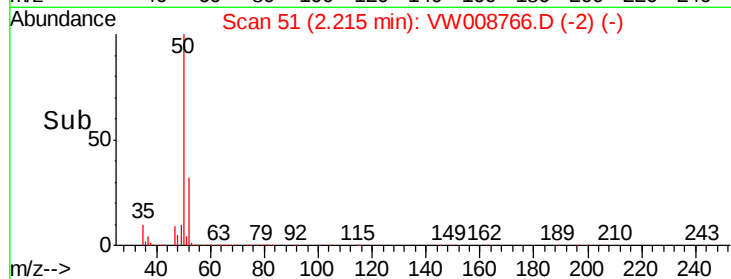
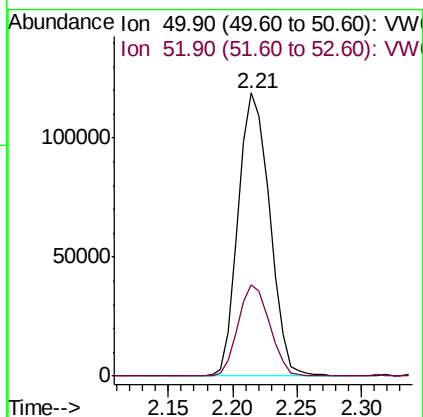
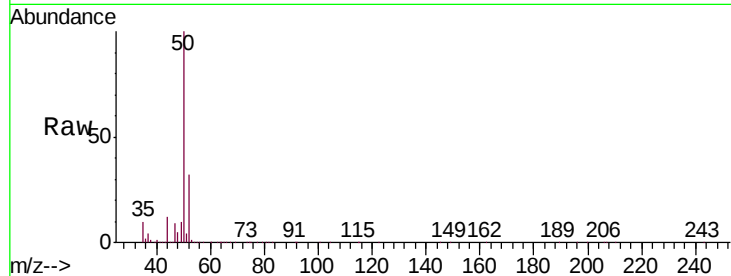
VSTDICCC050

Tgt Ion: 50 Resp: 201928

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9



#4

Vinyl Chloride

Concen: 48.362 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008766.D

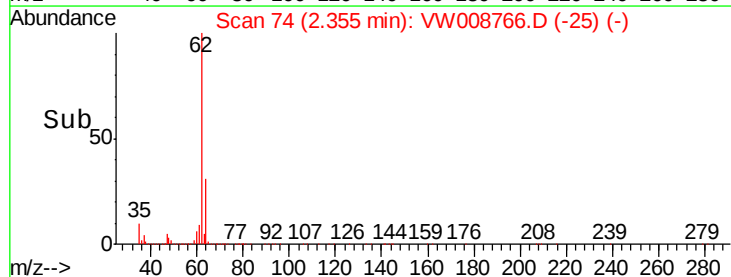
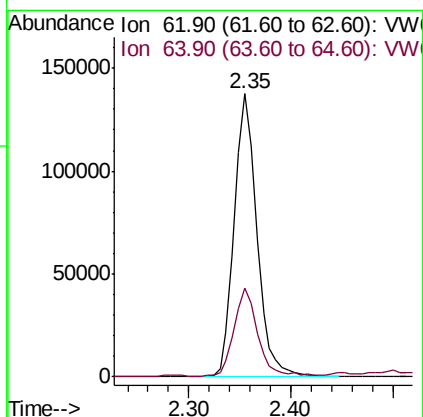
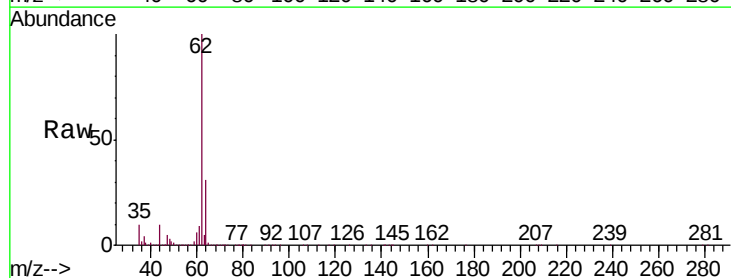
Acq: 21 Feb 2019 12:13

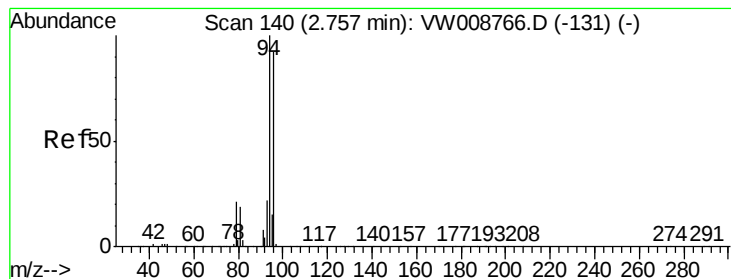
Tgt Ion: 62 Resp: 210750

Ion Ratio Lower Upper

62 100

64 31.1 24.9 37.3





#5

Bromomethane

Concen: 46.450 ug/l

RT: 2.76 min Scan# 140

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

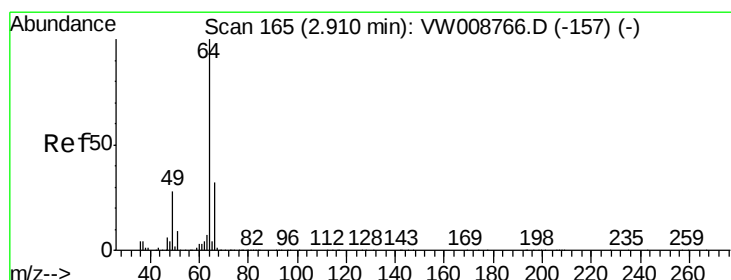
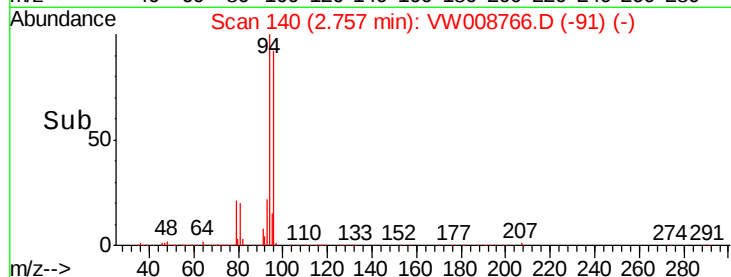
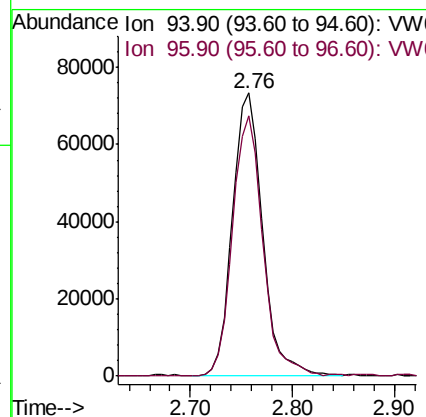
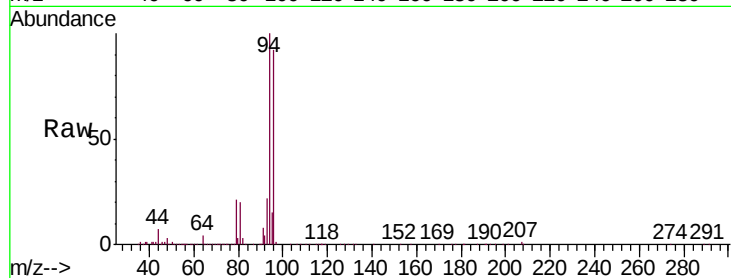
VSTDICCC050

Tgt Ion: 94 Resp: 150348

Ion Ratio Lower Upper

94 100

96 91.8 73.4 110.2



#6

Chloroethane

Concen: 49.664 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW008766.D

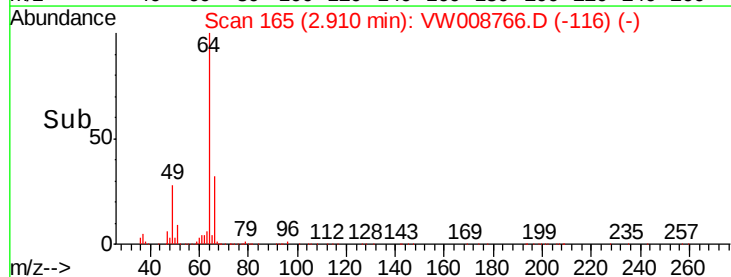
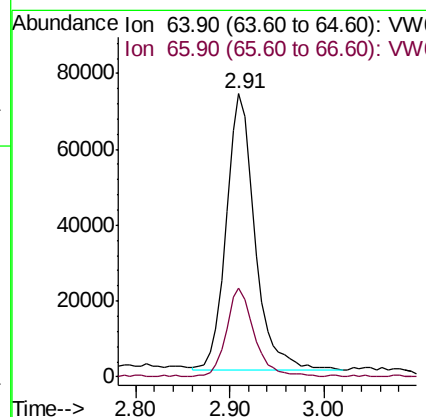
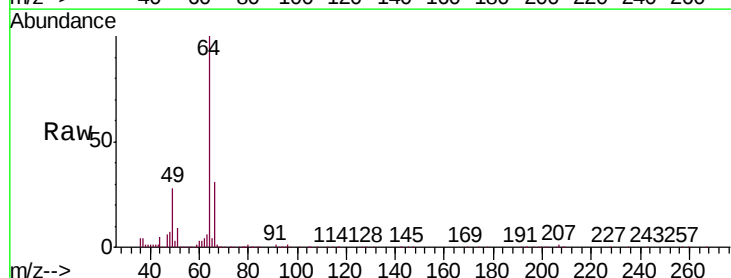
Acq: 21 Feb 2019 12:13

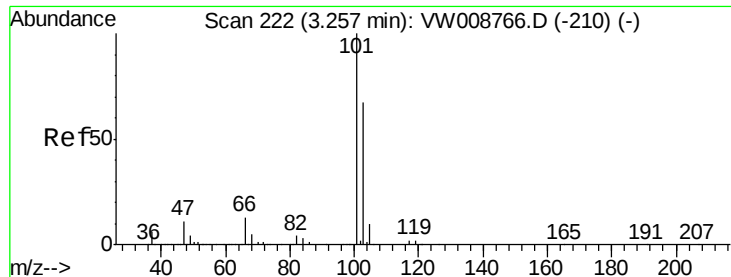
Tgt Ion: 64 Resp: 153684

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



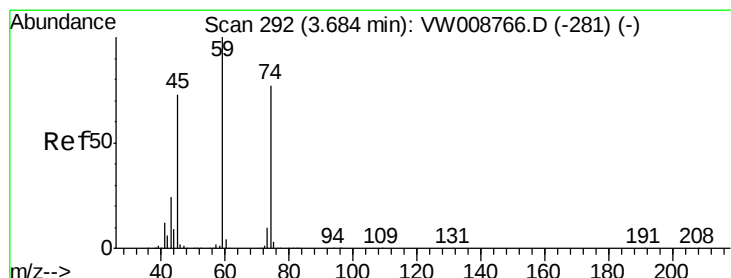
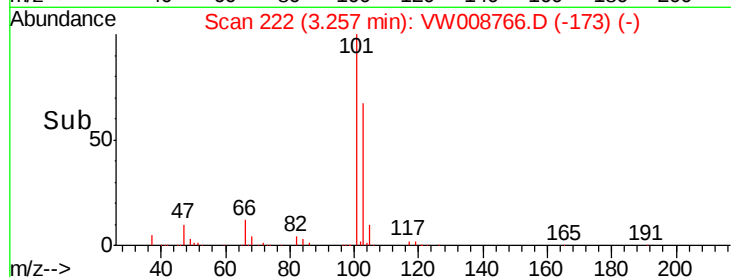
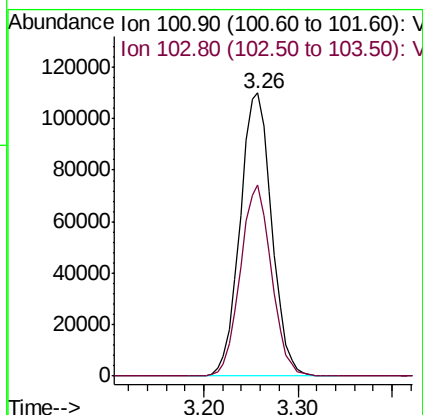
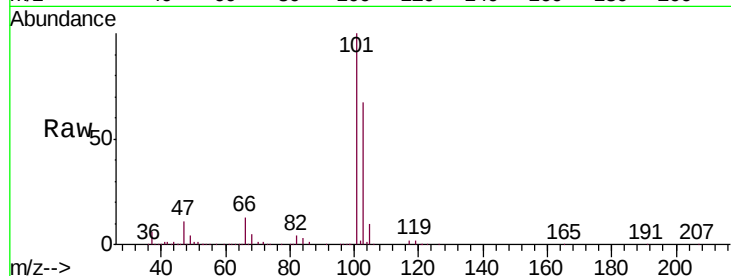


#7

Trichlorofluoromethane
 Concen: 46.803 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Instrument :
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 VSTDICCC050

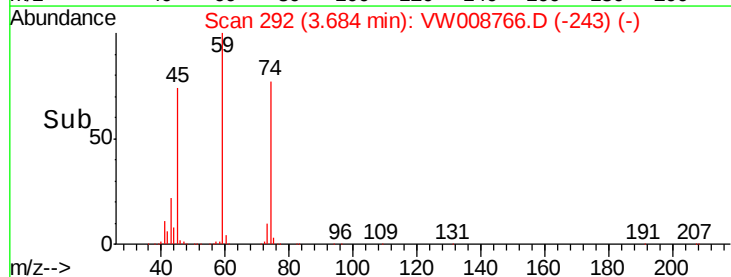
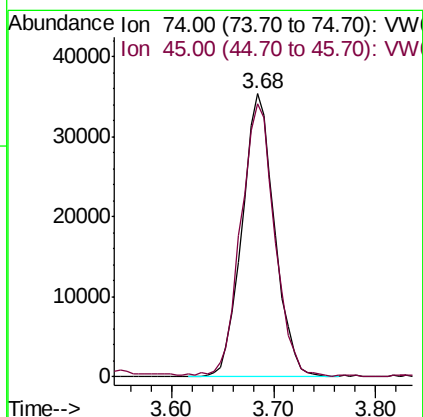
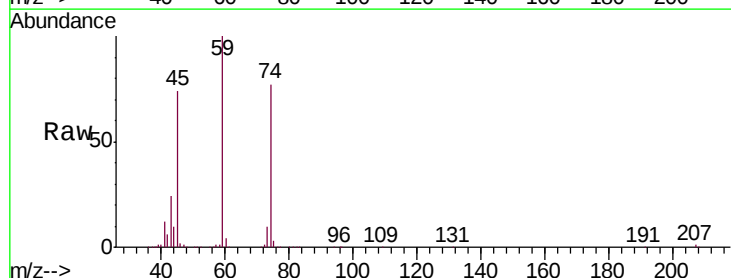
Tgt Ion:101 Resp: 257952
 Ion Ratio Lower Upper
 101 100
 103 67.4 53.9 80.9



#8

Diethyl Ether
 Concen: 44.815 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Tgt Ion: 74 Resp: 78197
 Ion Ratio Lower Upper
 74 100
 45 100.4 50.2 150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.077 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

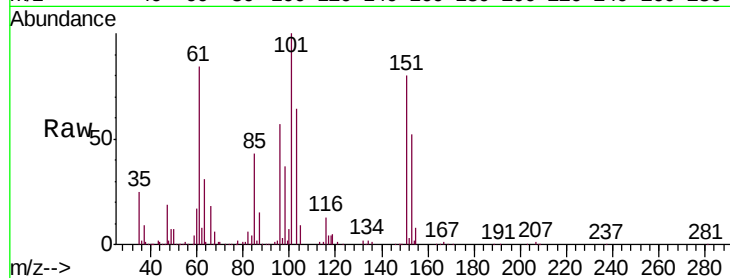
Tgt Ion:101 Resp: 157563

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

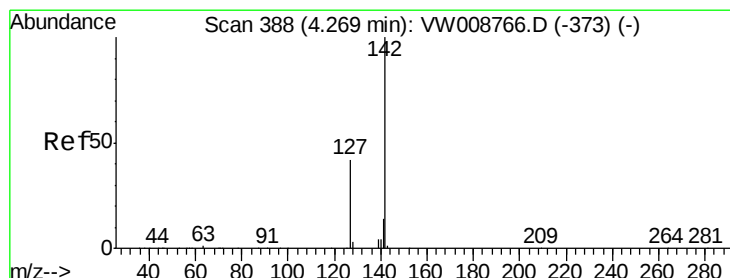
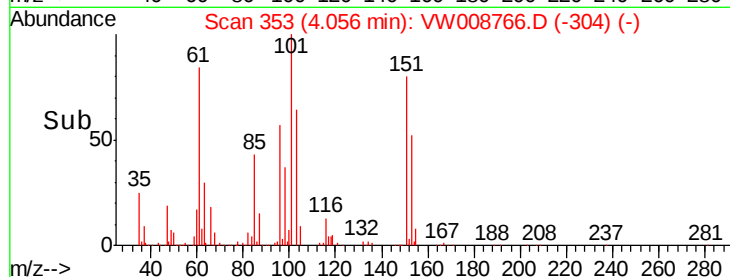
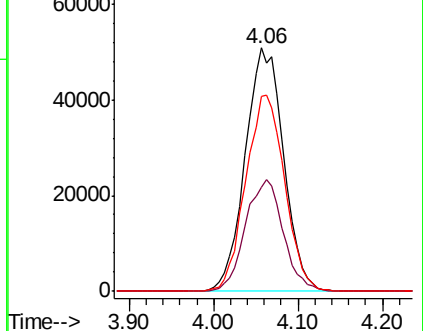
151 81.9 65.5 98.3



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: 53.510 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

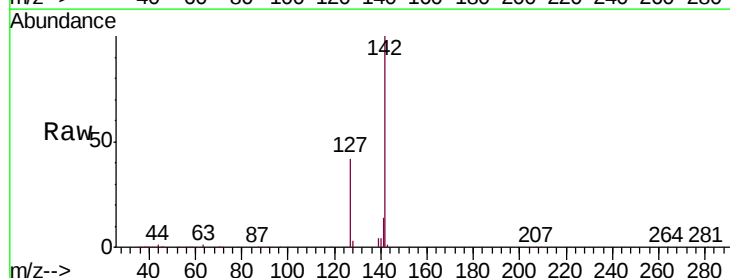
Tgt Ion:142 Resp: 223954

Ion Ratio Lower Upper

142 100

127 44.1 35.3 52.9

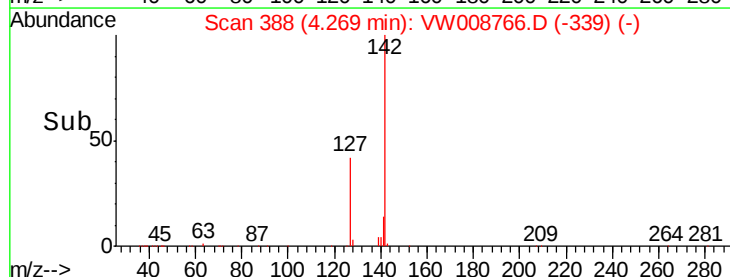
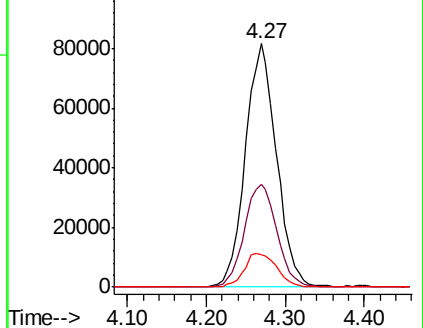
141 14.6 11.7 17.5

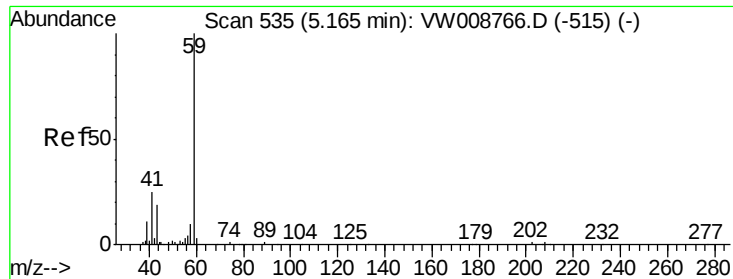


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



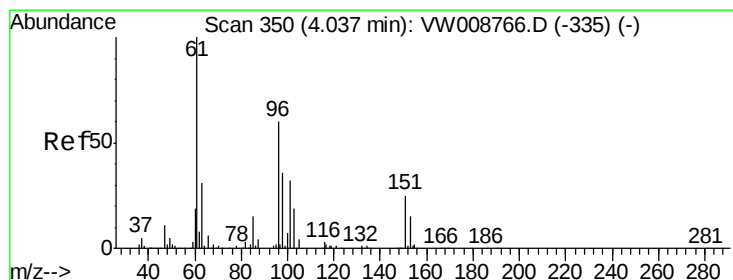
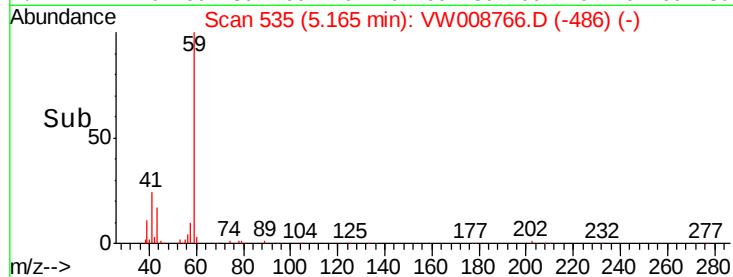
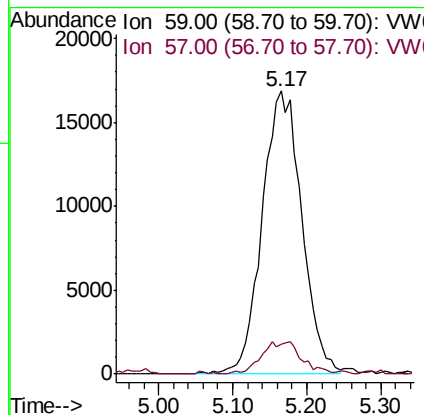
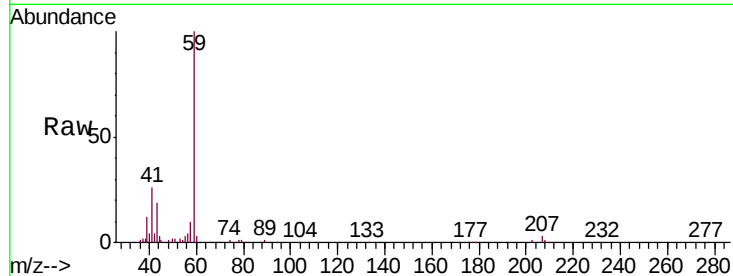


#11

Tert butyl alcohol
 Concen: 227.139 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

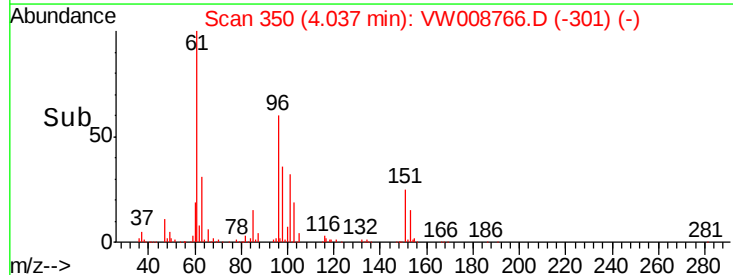
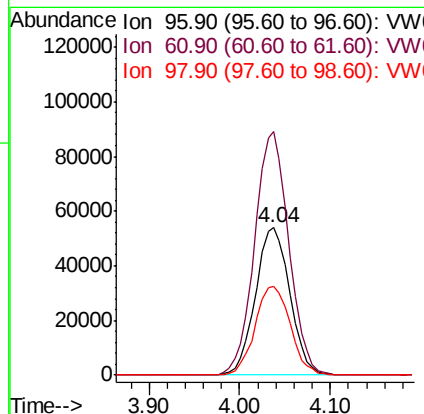
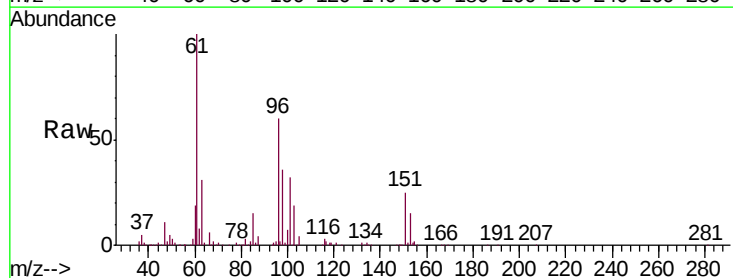
Tgt Ion: 59 Resp: 62462
 Ion Ratio Lower Upper
 59 100
 57 11.6 9.3 13.9

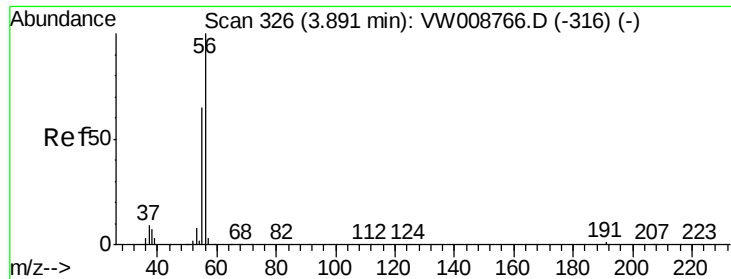


#12

1,1-Dichloroethene
 Concen: 47.888 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Tgt Ion: 96 Resp: 141549
 Ion Ratio Lower Upper
 96 100
 61 165.6 132.5 198.7
 98 60.3 48.2 72.4

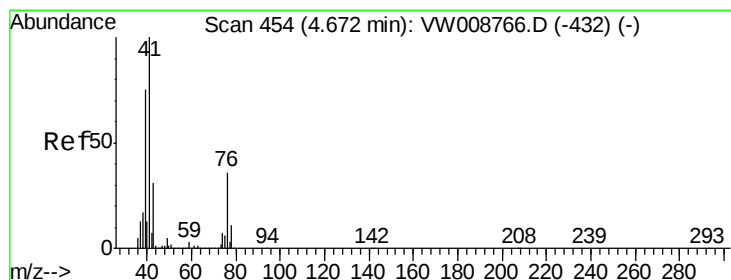
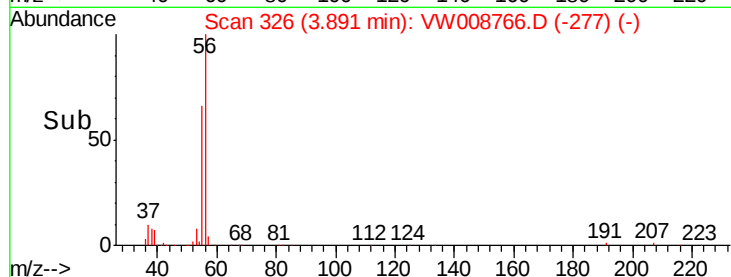
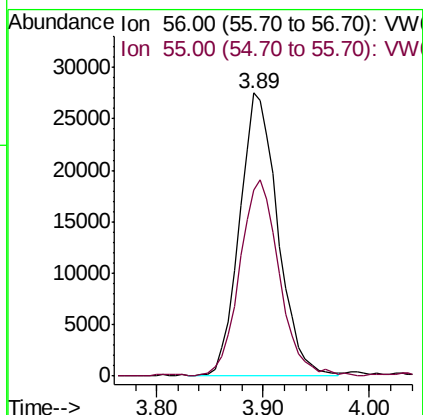
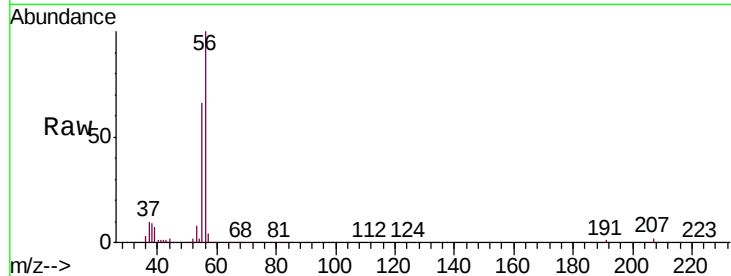




#13
Acrolein
Concen: 259.953 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

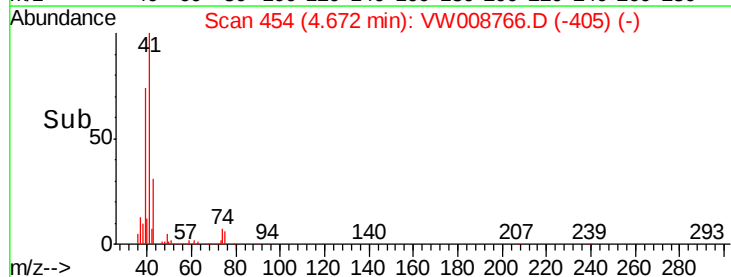
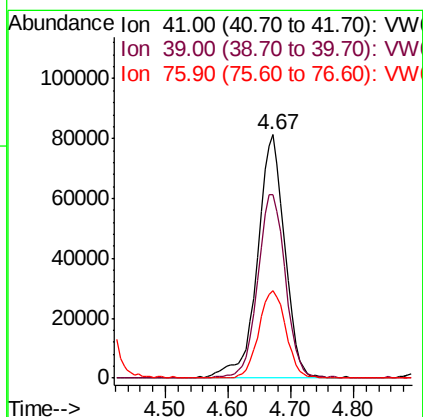
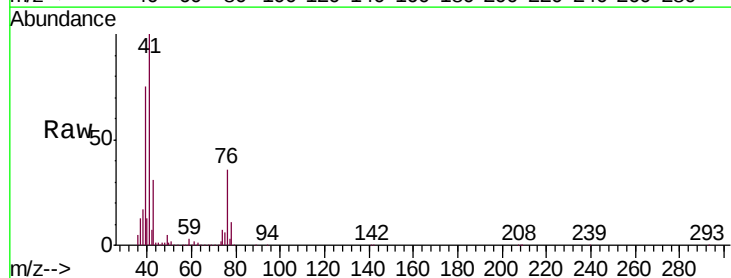
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 69294
Ion Ratio Lower Upper
56 100
55 71.1 56.9 85.3



#14
Allyl chloride
Concen: 48.072 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Tgt Ion: 41 Resp: 245239
Ion Ratio Lower Upper
41 100
39 75.8 60.6 91.0
76 35.7 28.6 42.8





#15

Acrylonitrile

Concen: 235.644 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

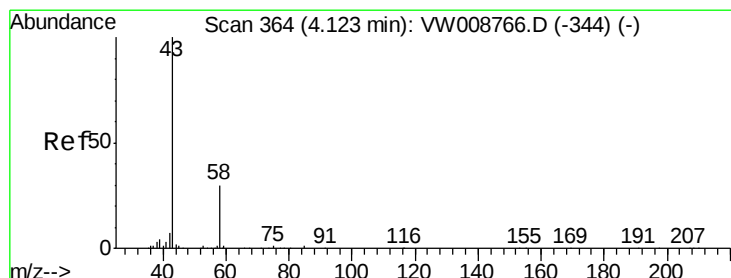
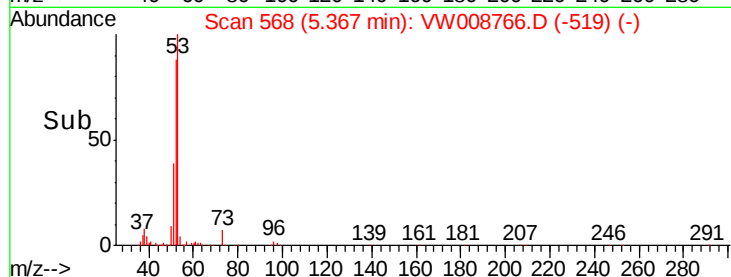
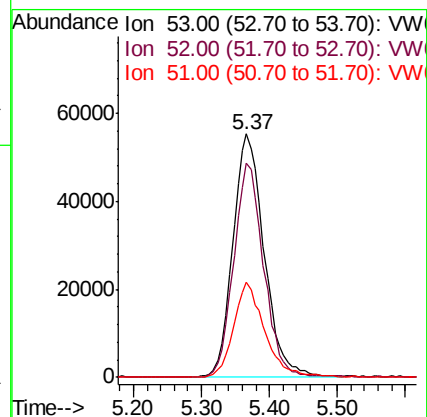
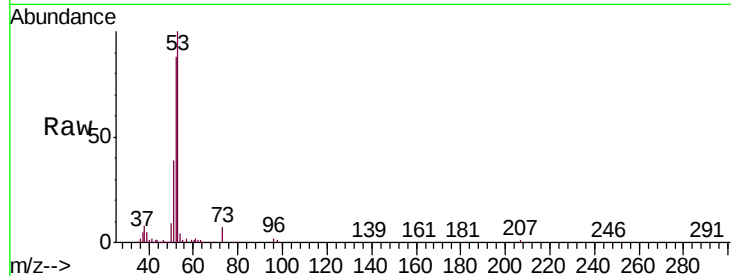
Tgt Ion: 53 Resp: 176462

Ion Ratio Lower Upper

53 100

52 84.0 67.2 100.8

51 38.9 31.1 46.7



#16

Acetone

Concen: 251.116 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW008766.D

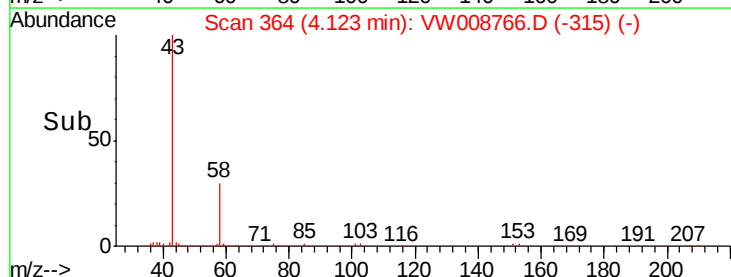
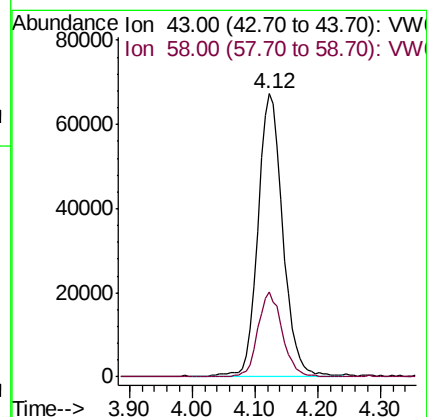
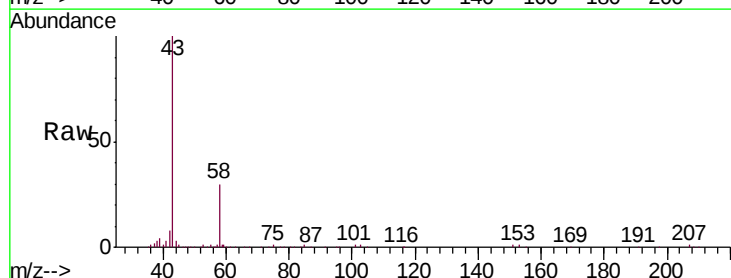
Acq: 21 Feb 2019 12:13

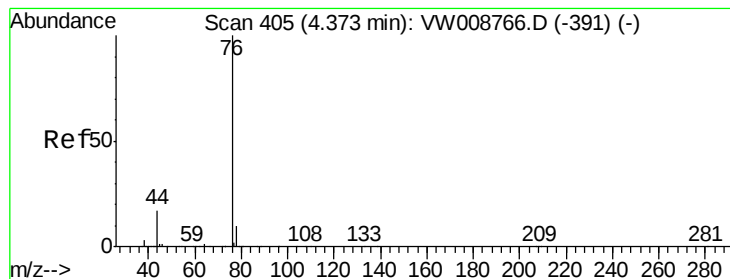
Tgt Ion: 43 Resp: 184299

Ion Ratio Lower Upper

43 100

58 29.7 23.8 35.6





#17

Carbon Disulfide

Concen: 50.328 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

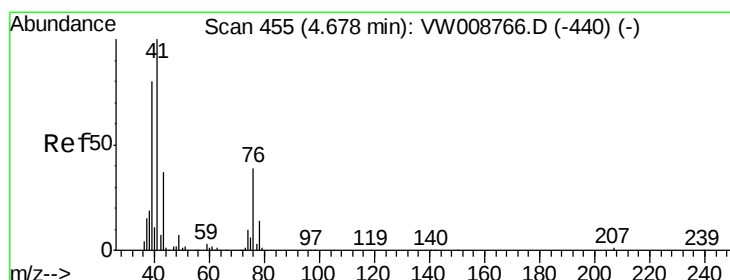
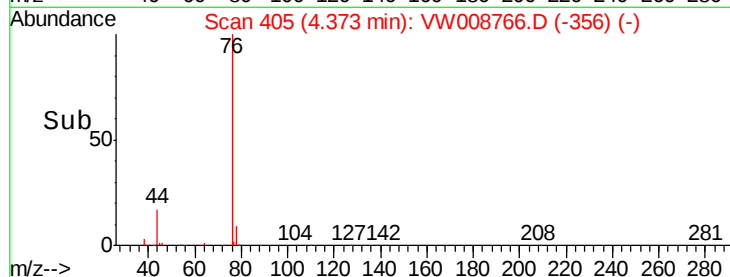
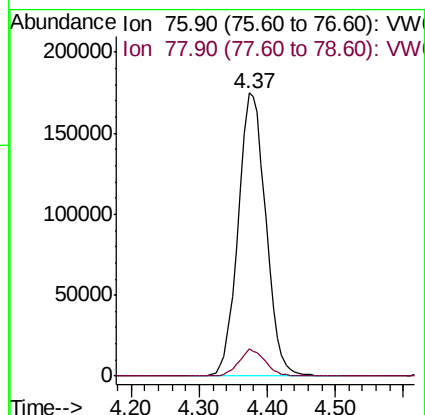
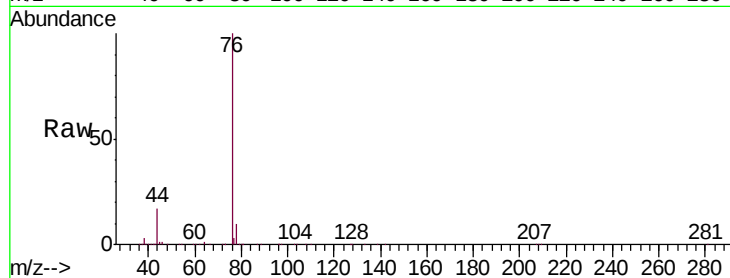
VSTDICCC050

Tgt Ion: 76 Resp: 493565

Ion Ratio Lower Upper

76 100

78 9.8 7.8 11.8



#18

Methyl Acetate

Concen: 42.835 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW008766.D

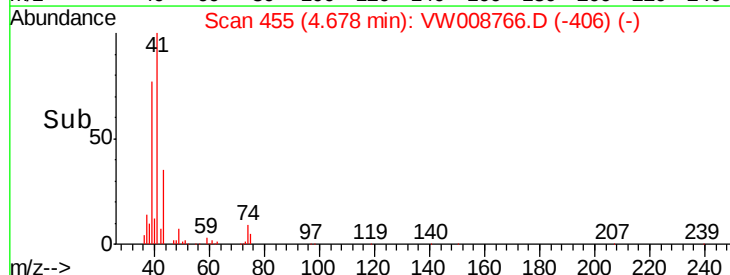
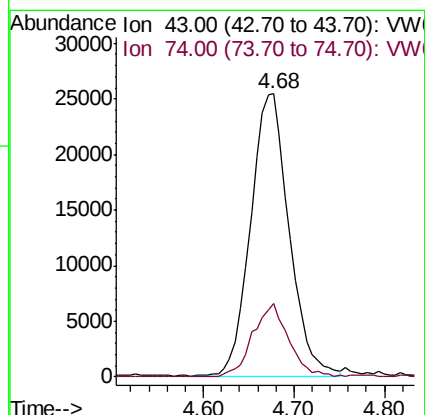
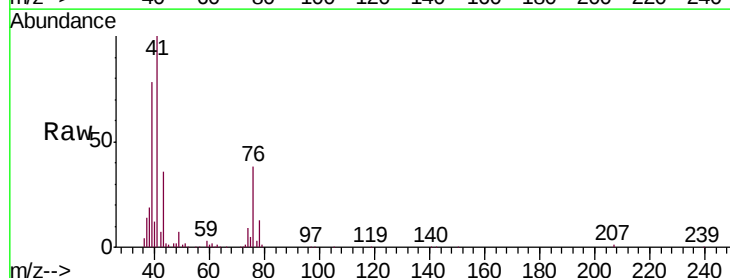
Acq: 21 Feb 2019 12:13

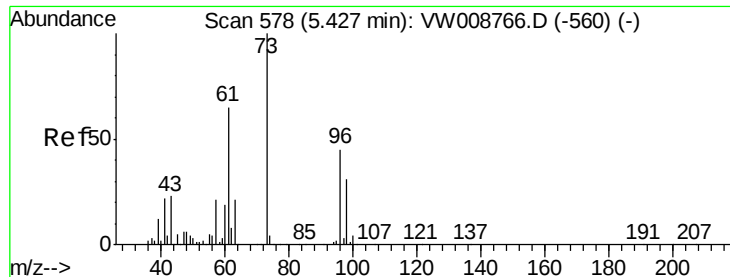
Tgt Ion: 43 Resp: 74567

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.2

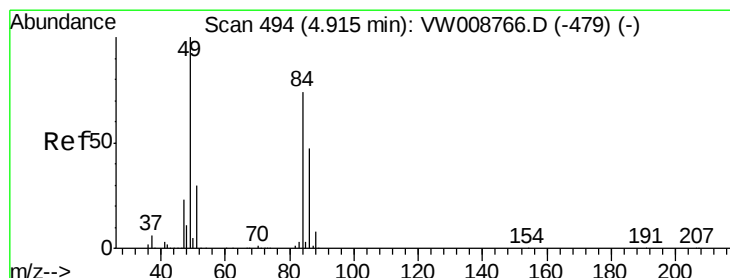
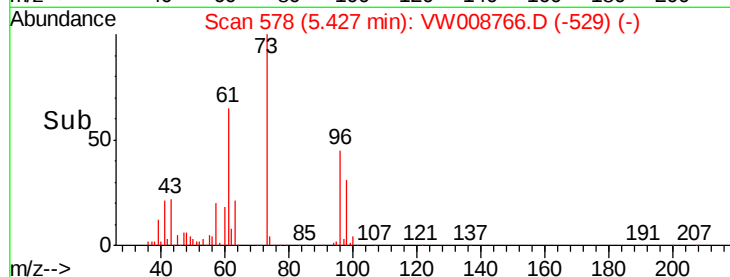
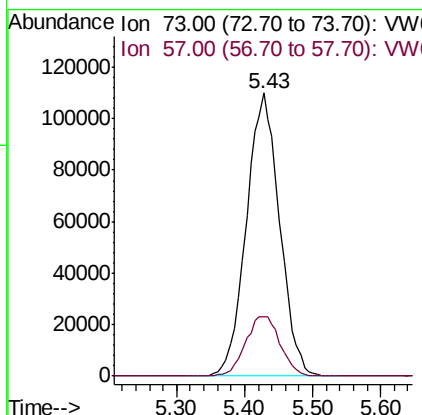
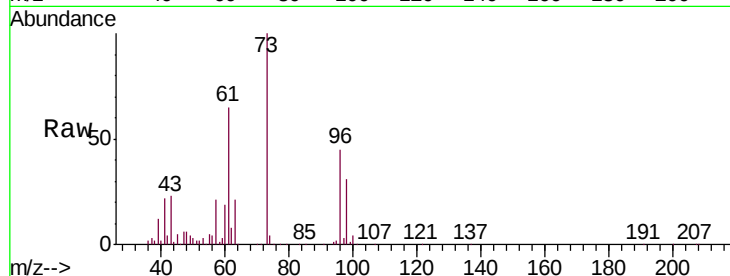




#19
Methyl tert-butyl Ether
Concen: 46.730 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

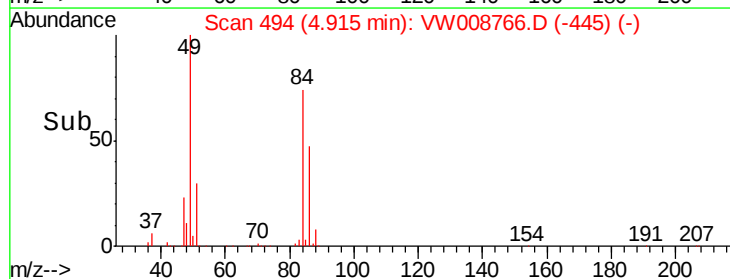
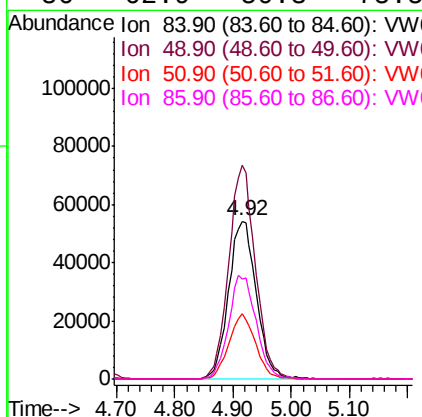
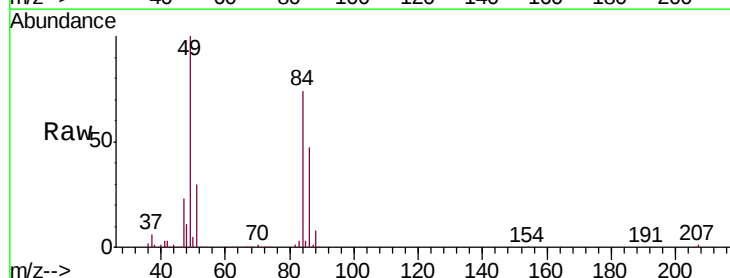
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

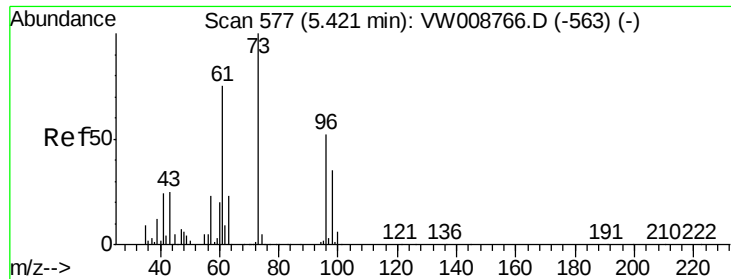
Tgt Ion: 73 Resp: 373861
Ion Ratio Lower Upper
73 100
57 21.0 16.8 25.2



#20
Methylene Chloride
Concen: 41.527 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Tgt Ion: 84 Resp: 179691
Ion Ratio Lower Upper
84 100
49 135.2 108.2 162.2
51 40.9 32.7 49.1
86 62.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 47.157 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

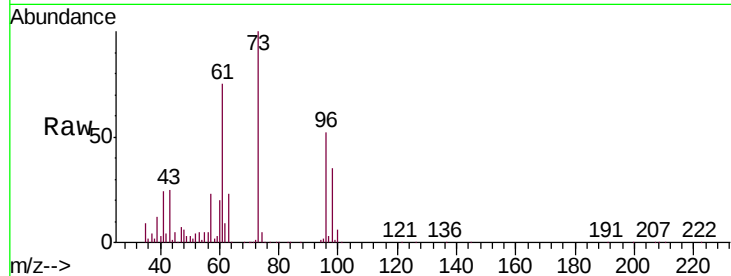
Tgt Ion: 96 Resp: 161235

Ion Ratio Lower Upper

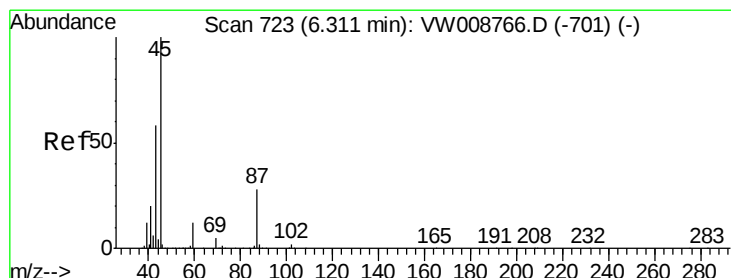
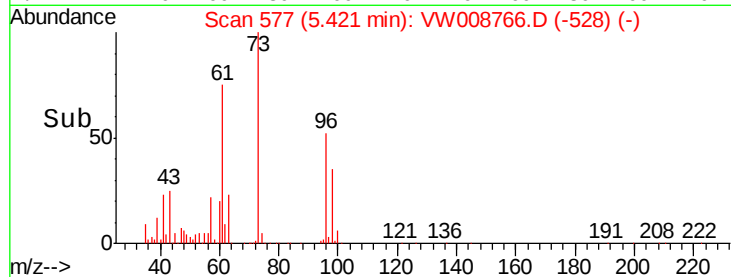
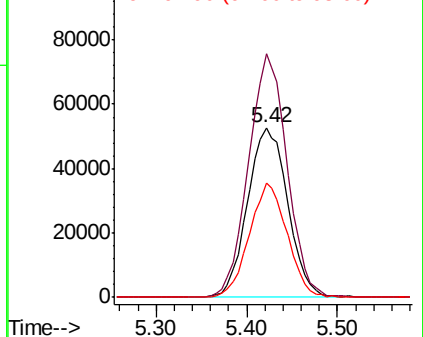
96 100

61 143.2 114.6 171.8

98 67.5 54.0 81.0



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: 48.184 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Tgt Ion: 45 Resp: 490346

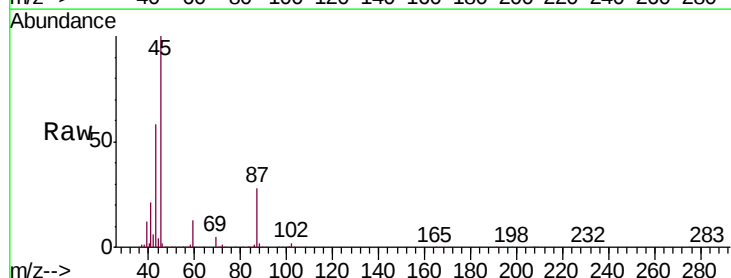
Ion Ratio Lower Upper

45 100

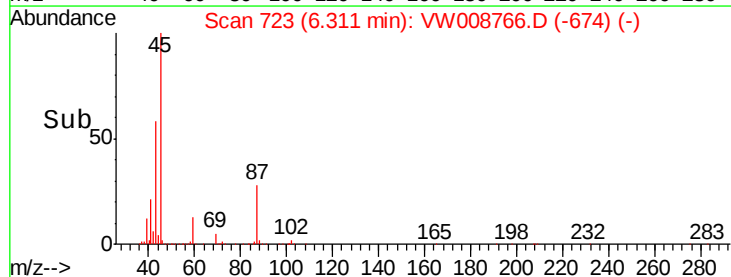
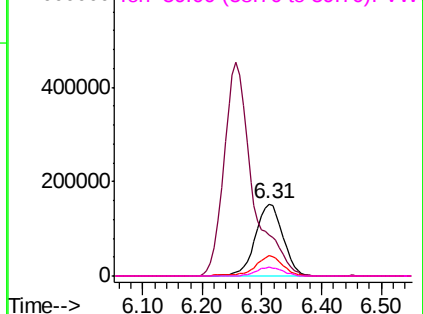
43 57.6 46.1 69.1

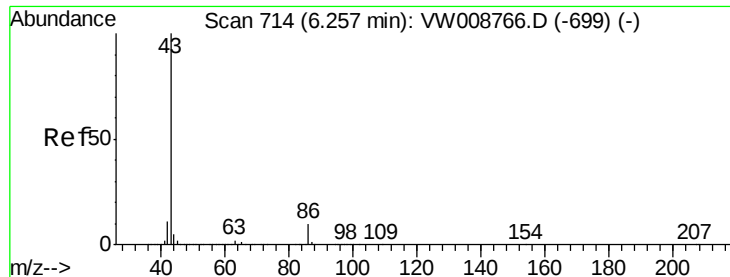
87 27.8 22.2 33.4

59 12.5 10.0 15.0



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

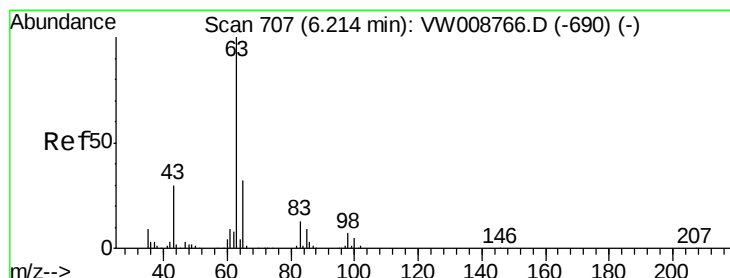
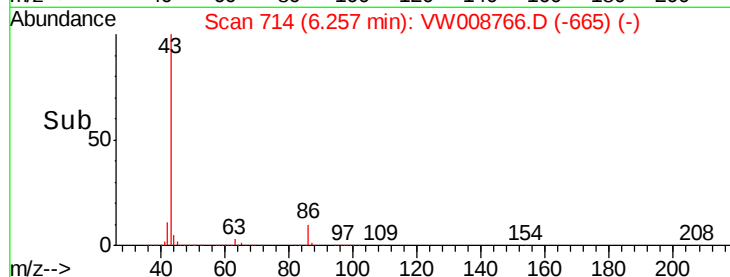
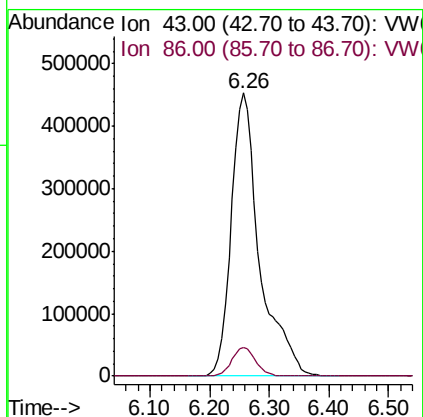
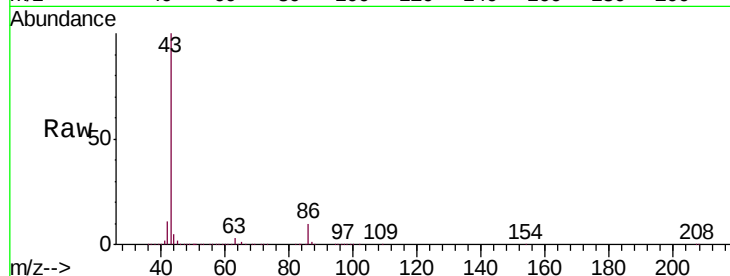




#23
 Vinyl Acetate
 Concen: 238.877 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

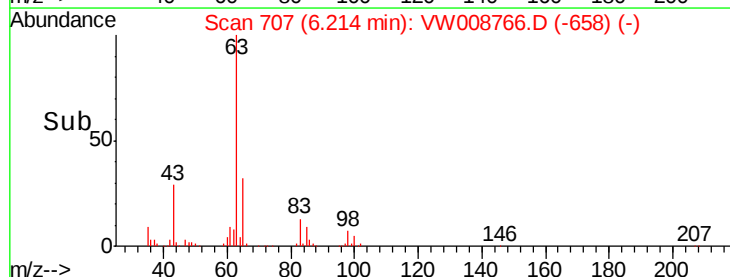
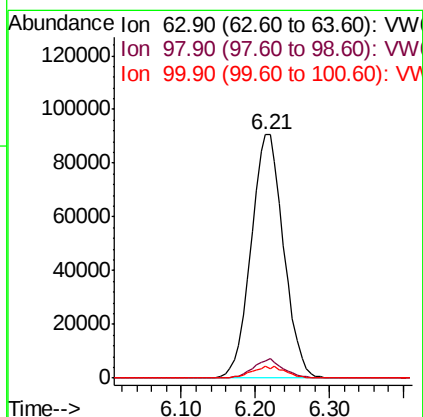
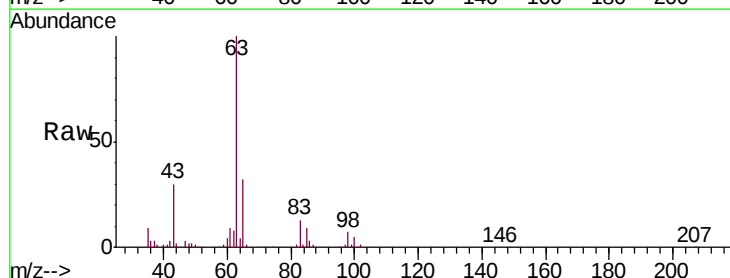
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

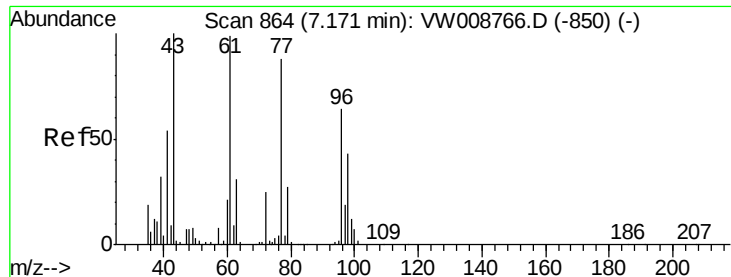
Tgt Ion: 43 Resp: 1501974
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 46.841 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Tgt Ion: 63 Resp: 276227
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 242.905 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

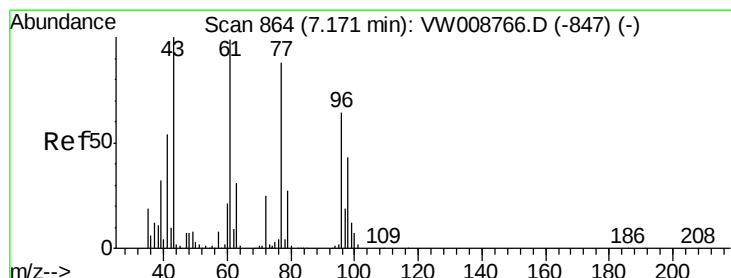
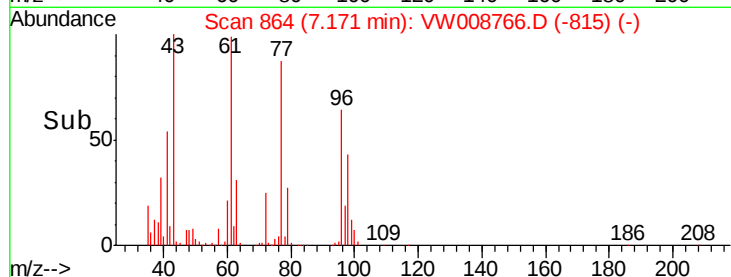
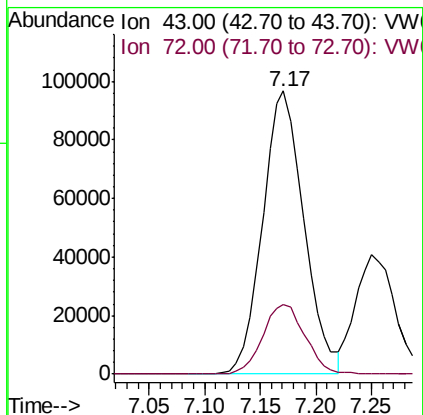
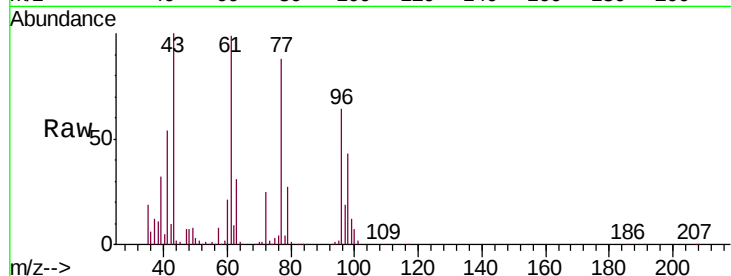
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion: 43 Resp: 249237

Ion Ratio Lower Upper

43 100

72 24.6 19.7 29.5



#26

2,2-Dichloropropane

Concen: 45.529 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008766.D

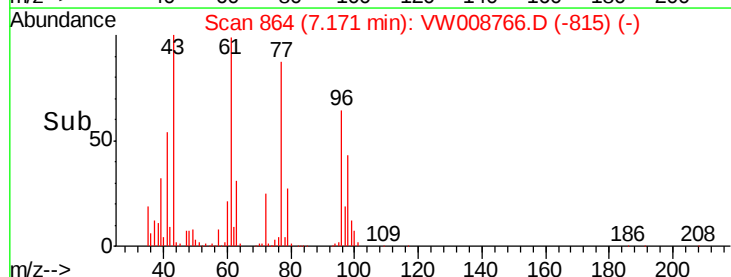
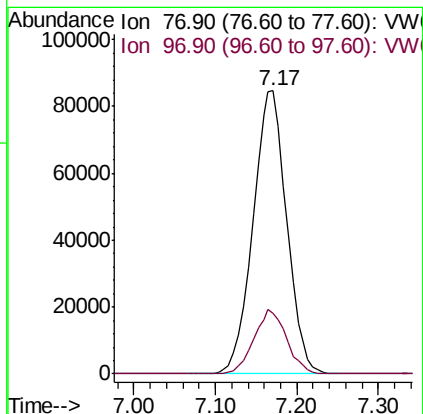
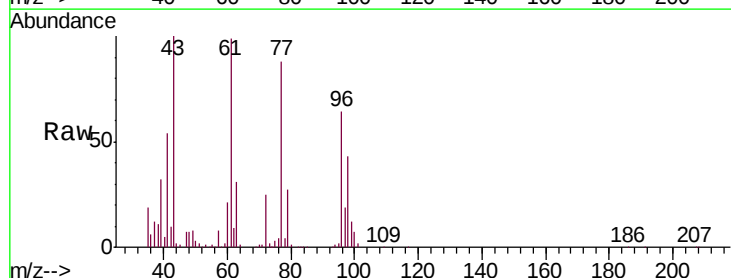
Acq: 21 Feb 2019 12:13

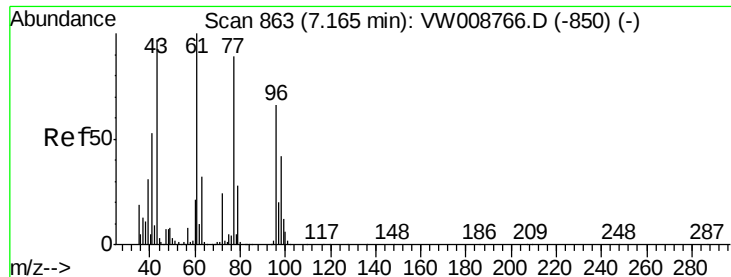
Tgt Ion: 77 Resp: 243756

Ion Ratio Lower Upper

77 100

97 22.0 11.0 33.0



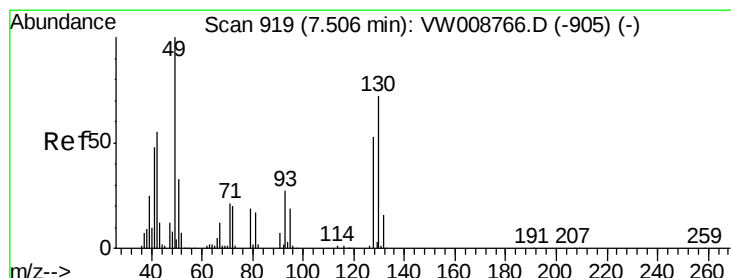
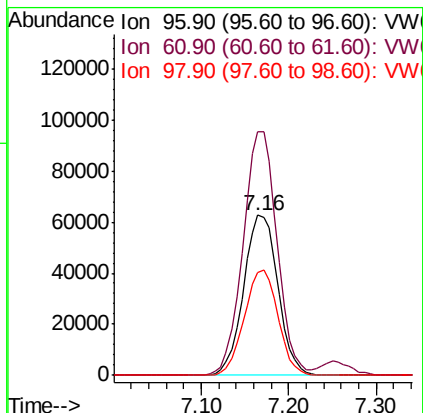
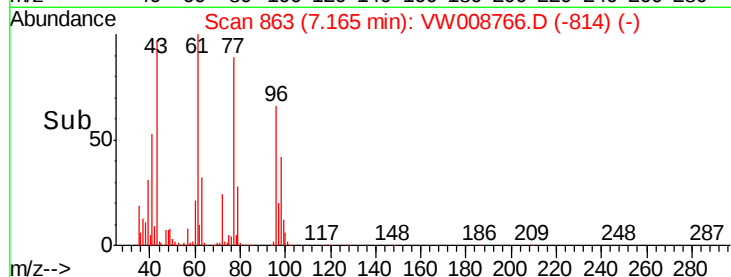
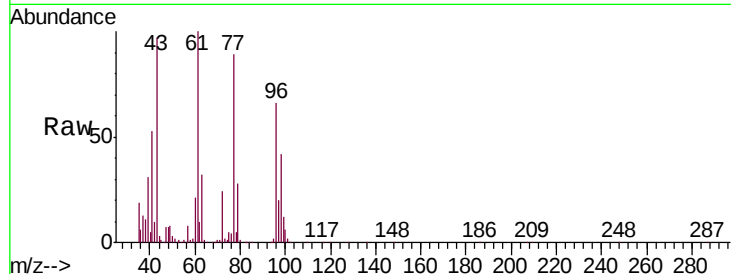


#27

cis-1,2-Dichloroethene
Concen: 46.605 ug/l
RT: 7.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

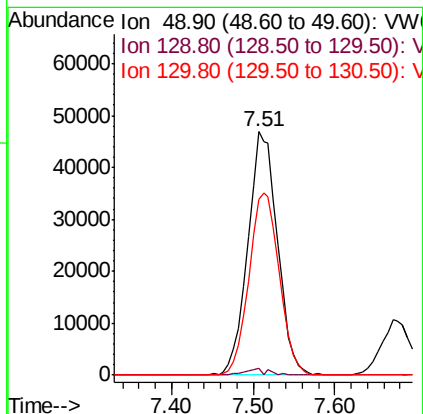
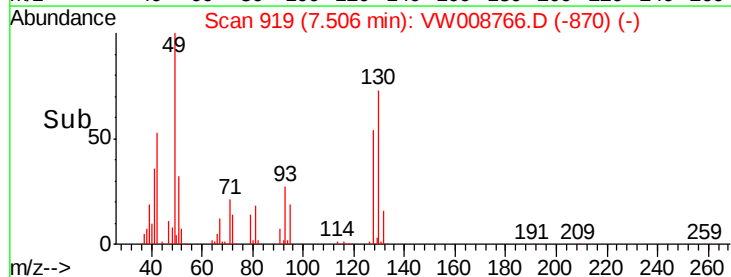
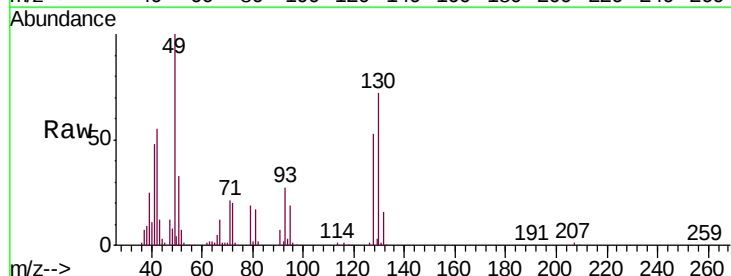
Tgt Ion	Resp	Lower	Upper
96	170453		
61	151.3	0.0	302.6
98	65.0	0.0	130.0

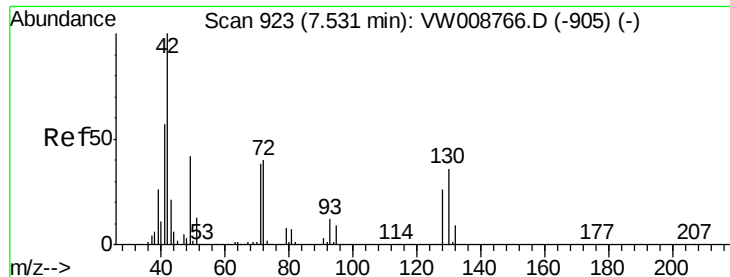


#28

Bromochloromethane
Concen: 48.136 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Tgt Ion	Resp	Lower	Upper
49	118787		
129	1.3	0.0	2.6
130	76.6	61.3	91.9





#29

Tetrahydrofuran

Concen: 233.759 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

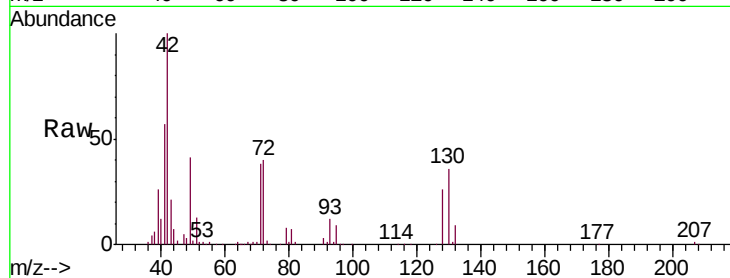
Tgt Ion: 42 Resp: 152851

Ion Ratio Lower Upper

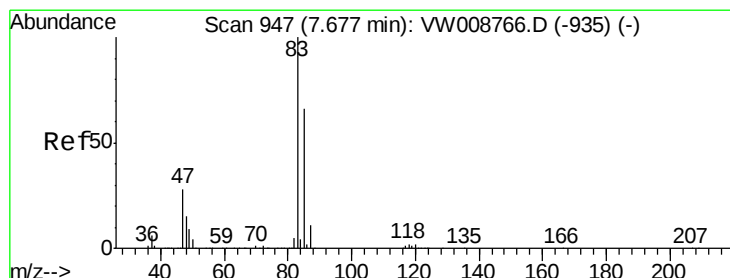
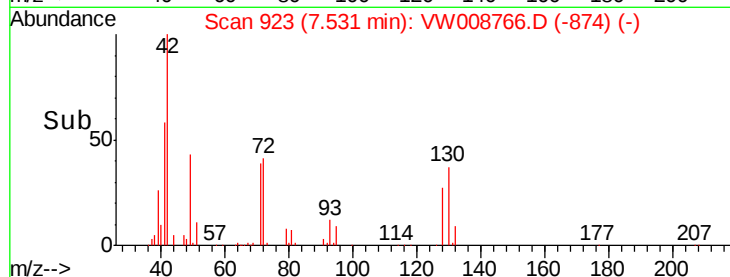
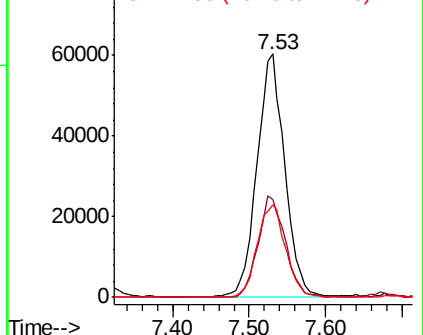
42 100

72 40.9 32.7 49.1

71 39.1 31.3 46.9



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 46.706 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW008766.D

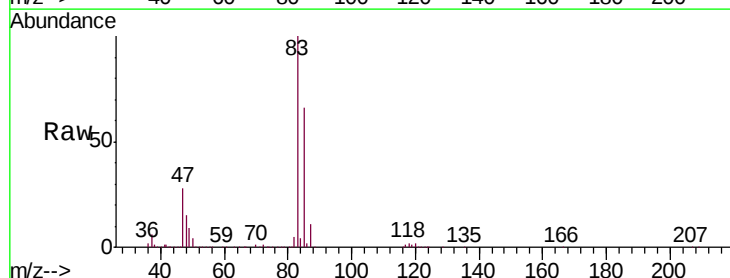
Acq: 21 Feb 2019 12:13

Tgt Ion: 83 Resp: 282555

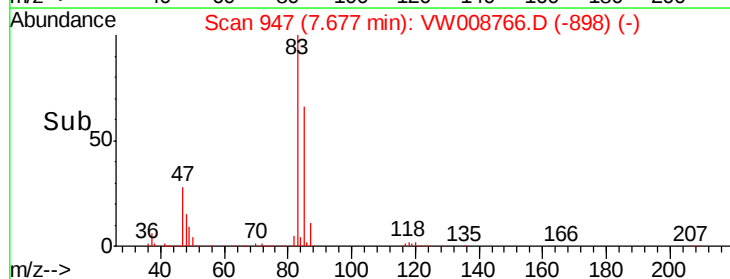
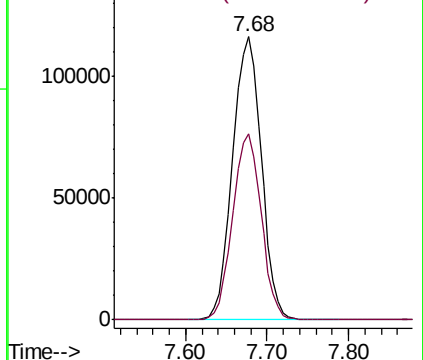
Ion Ratio Lower Upper

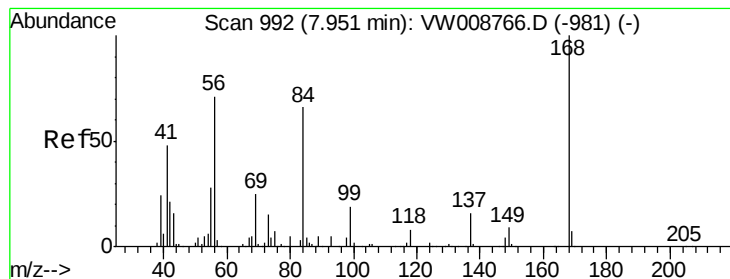
83 100

85 65.8 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 45.581 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

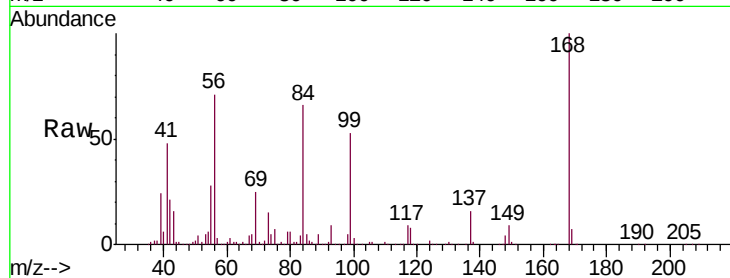
Tgt Ion: 56 Resp: 272081

Ion Ratio Lower Upper

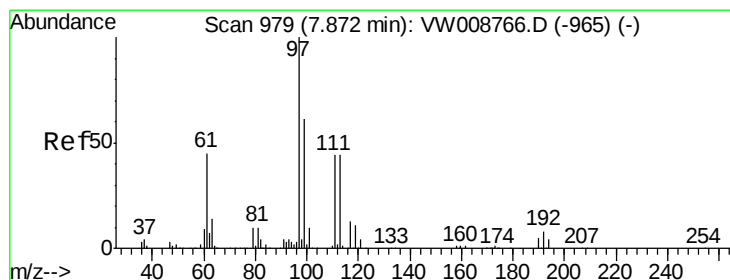
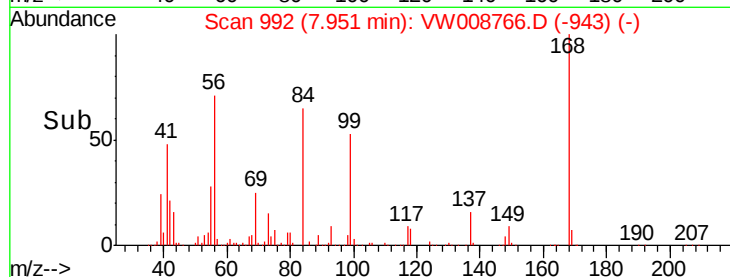
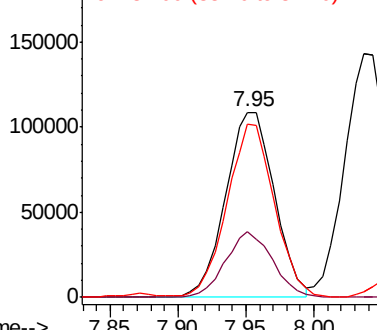
56 100

69 35.3 28.2 42.4

84 92.6 74.1 111.1



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: 47.011 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

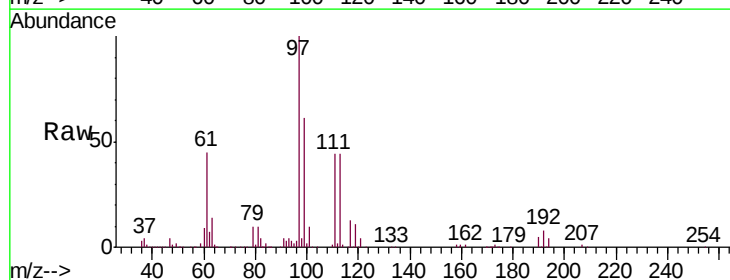
Tgt Ion: 97 Resp: 258638

Ion Ratio Lower Upper

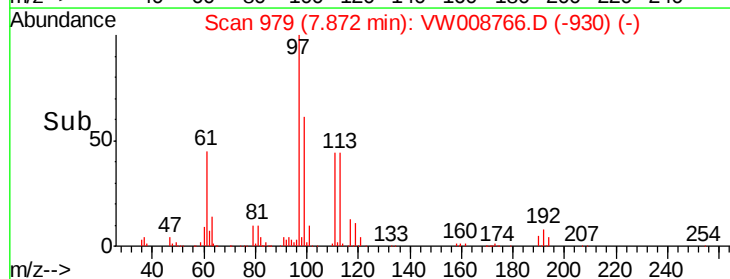
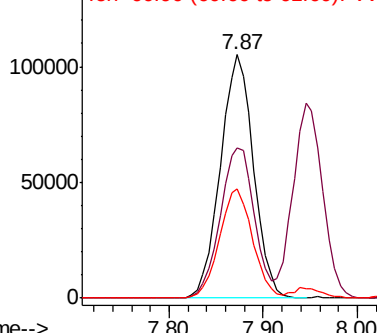
97 100

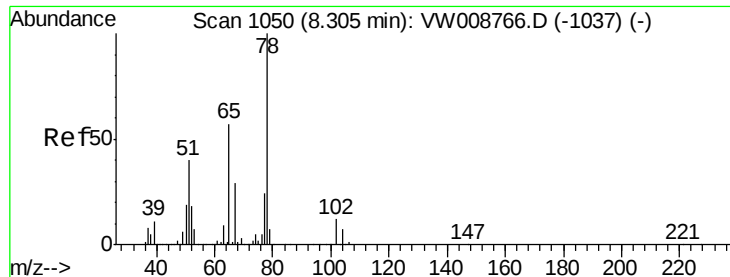
99 63.5 50.8 76.2

61 45.0 36.0 54.0



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

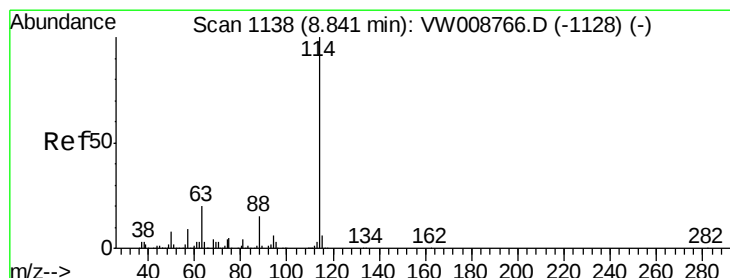
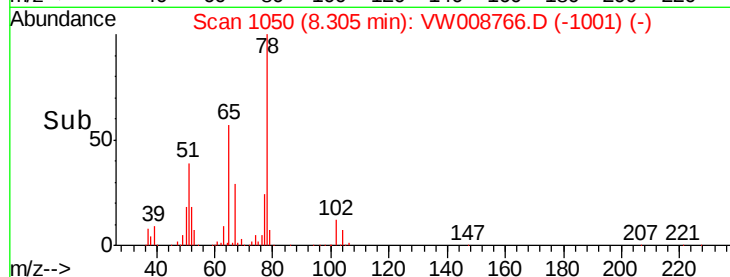
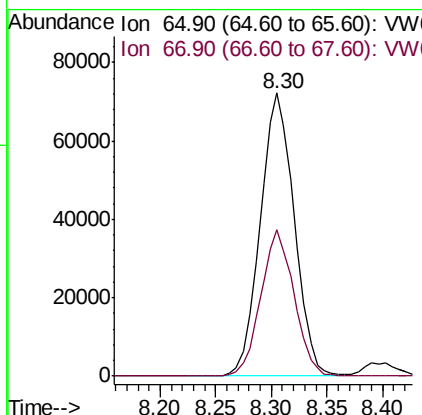
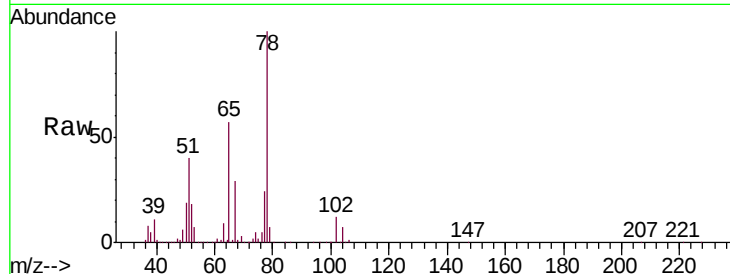




#33
 1,2-Dichloroethane-d4
 Concen: 48.423 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

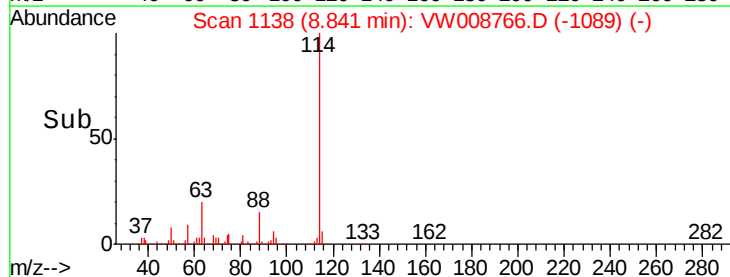
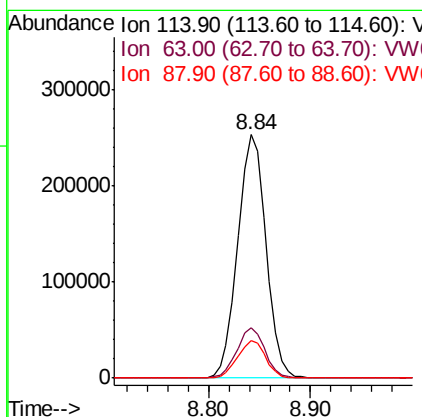
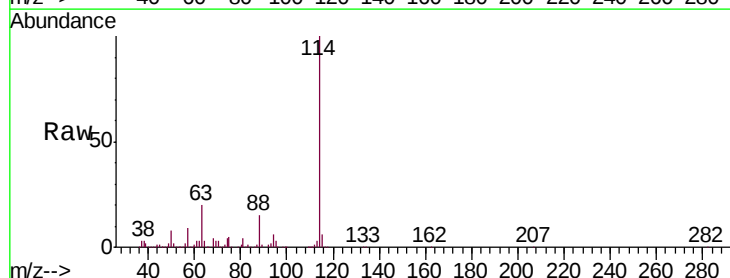
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

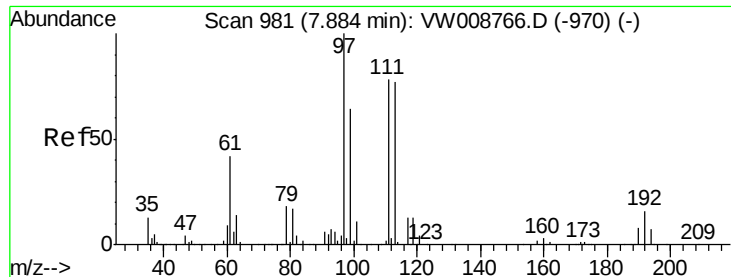
Tgt Ion: 65 Resp: 153321
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Tgt Ion: 114 Resp: 486015
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 15.2 0.0 30.4

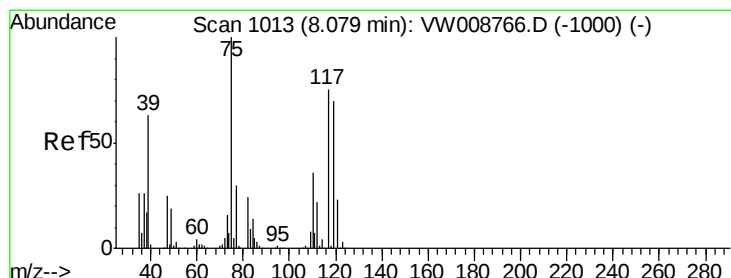
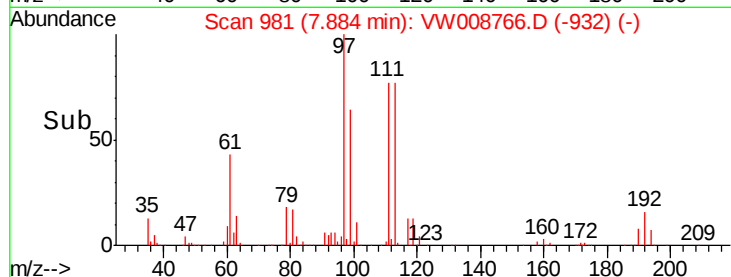
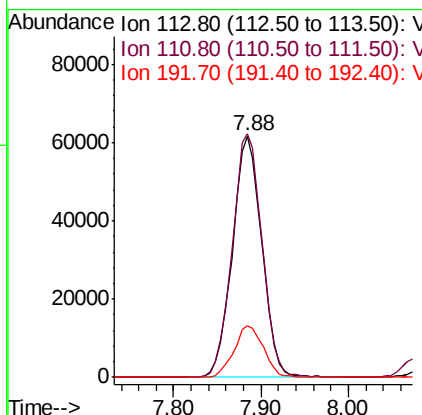
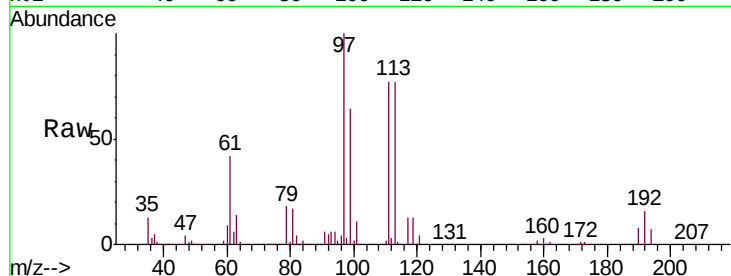




#35
 Dibromofluoromethane
 Concen: 49.252 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

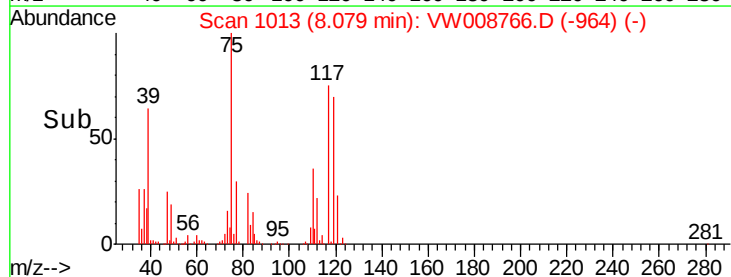
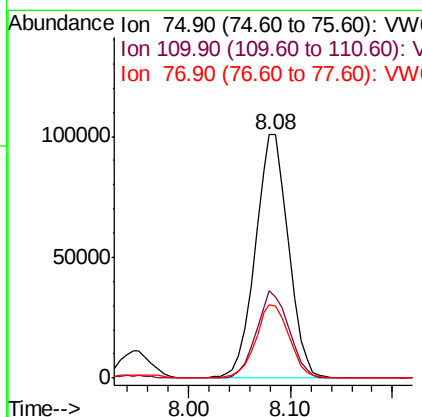
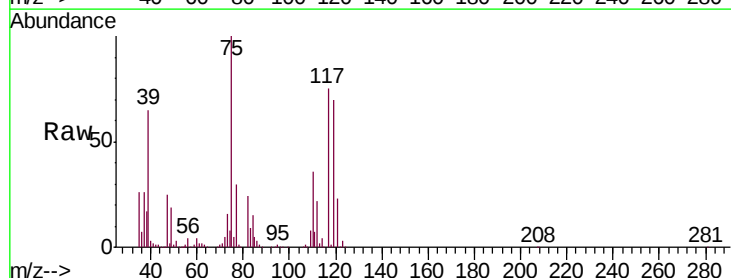
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

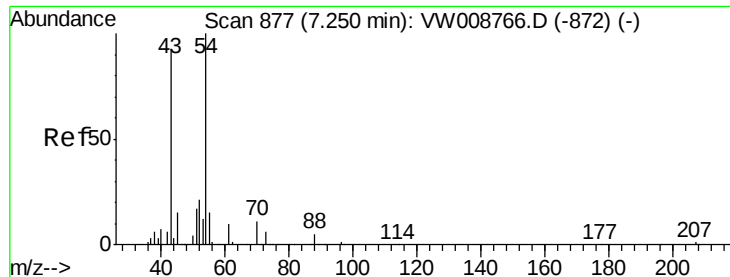
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	21.4	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 48.144 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.1	17.5	52.6
77	30.6	24.5	36.7

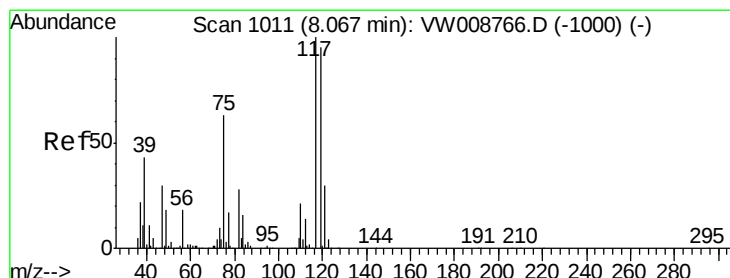
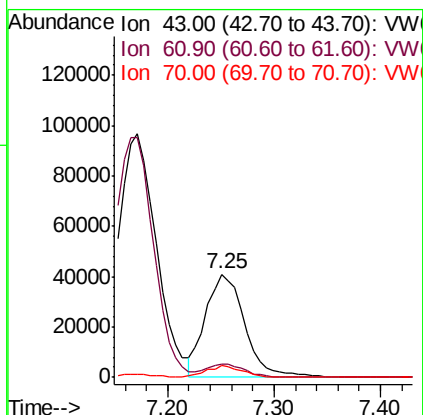
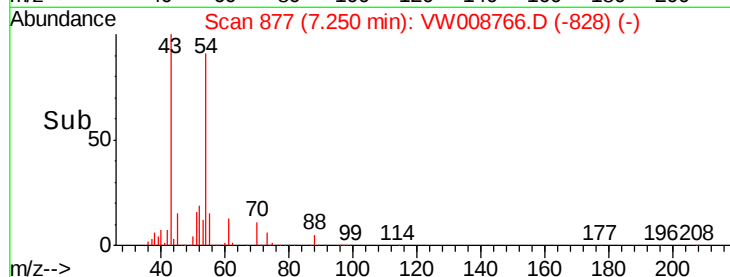
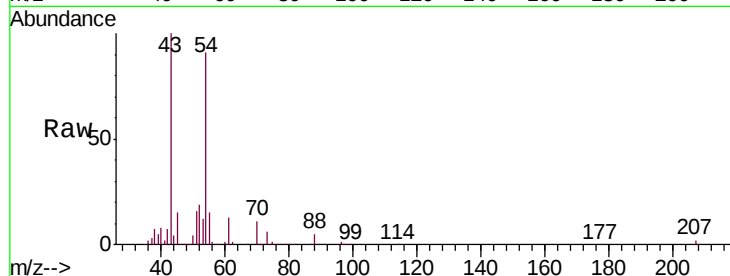




#37
Ethyl Acetate
Concen: 46.666 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

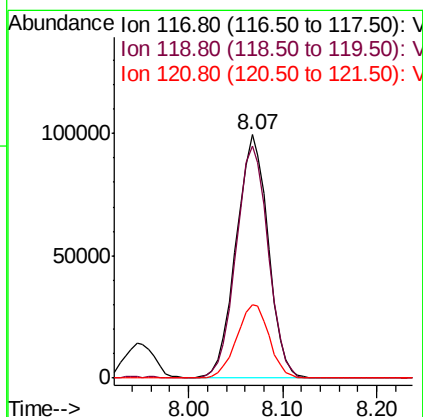
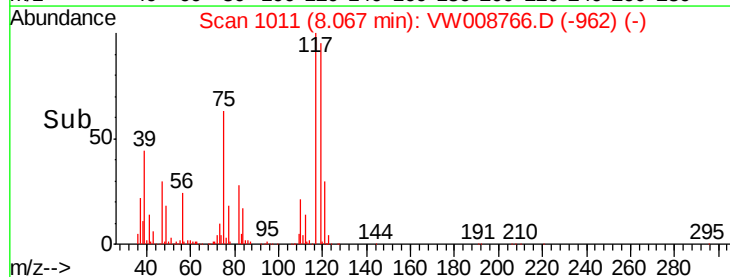
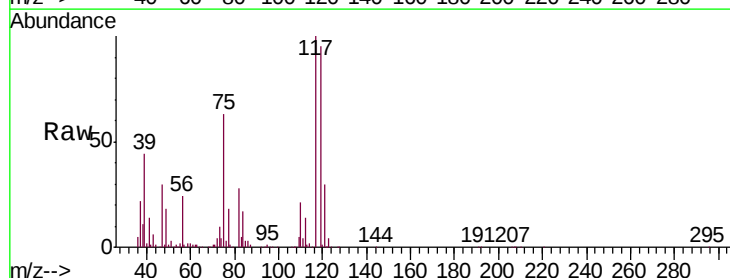
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

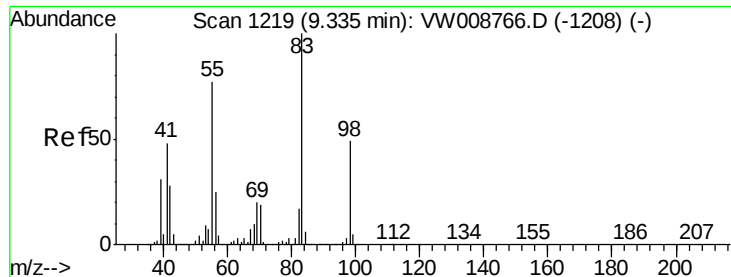
Tgt Ion: 43 Resp: 102668
Ion Ratio Lower Upper
43 100
61 12.3 9.8 14.8
70 10.5 8.4 12.6



#38
Carbon Tetrachloride
Concen: 47.408 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Tgt Ion: 117 Resp: 236535
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 30.0 24.0 36.0

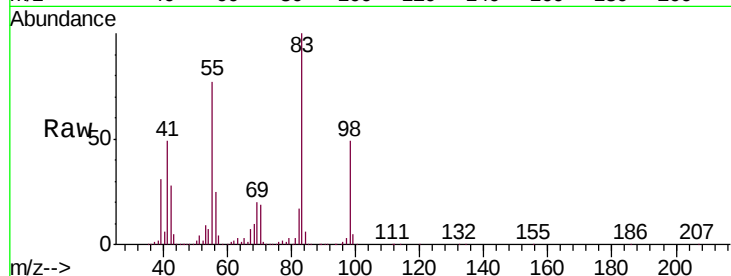




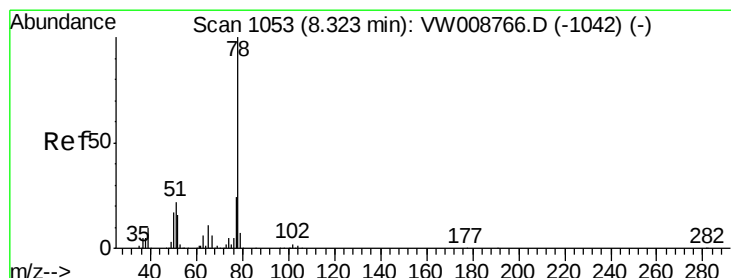
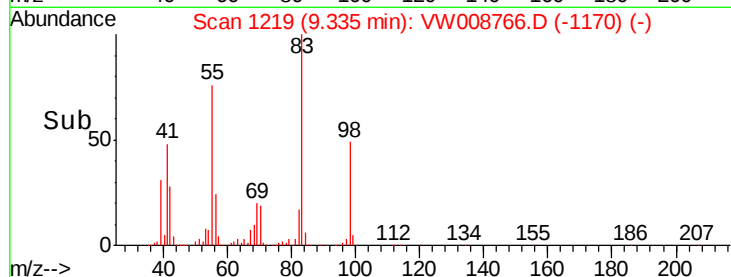
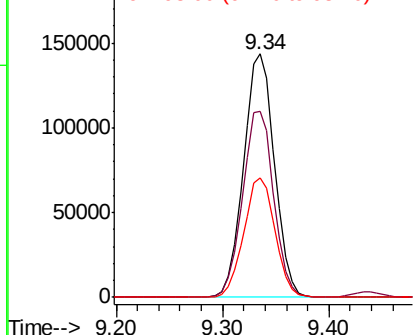
#39
Methylcyclohexane
Concen: 49.577 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 292562
Ion Ratio Lower Upper
83 100
55 76.5 61.2 91.8
98 49.3 39.4 59.2

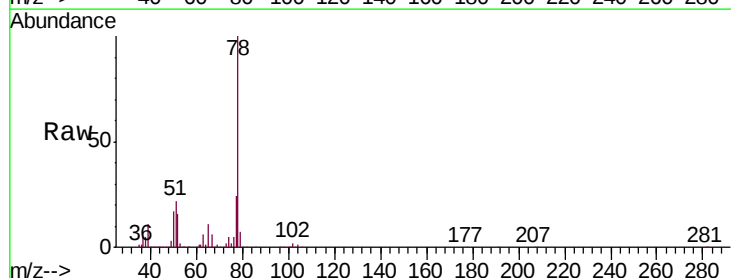


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

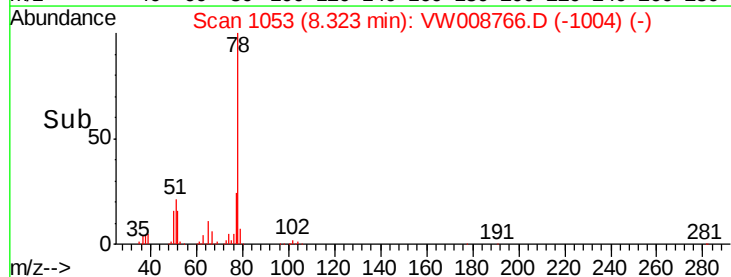
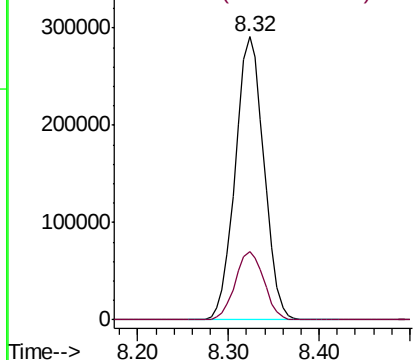


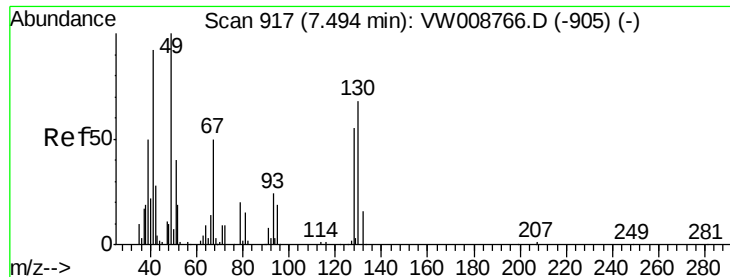
#40
Benzene
Concen: 49.290 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Tgt Ion: 78 Resp: 636689
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

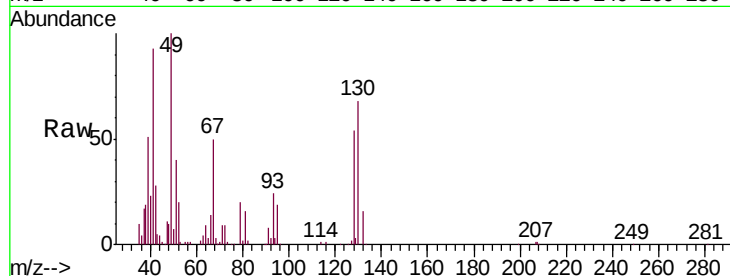




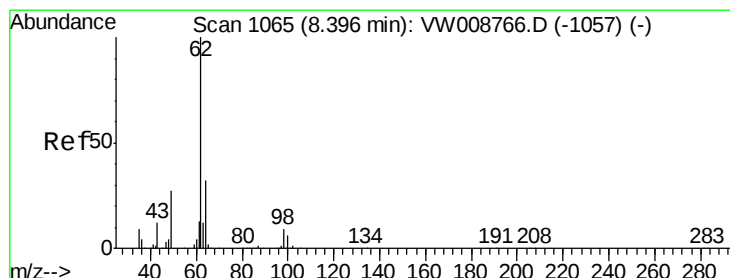
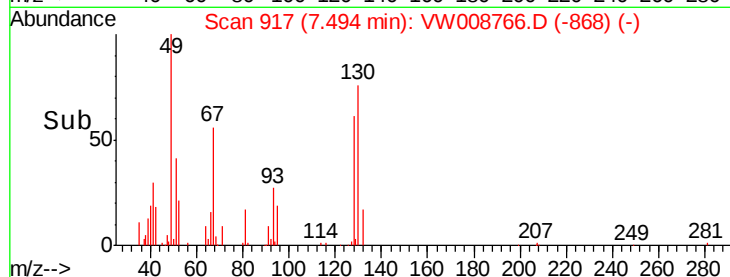
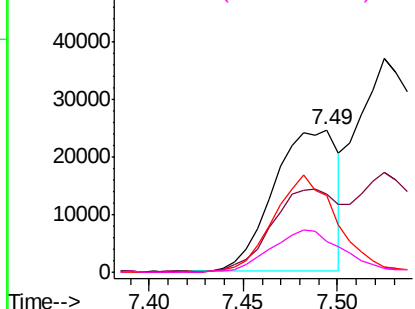
#41
Methacrylonitrile
Concen: 44.974 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	58160
Ion	Ratio	Lower	Upper
41	100		
39	65.6	52.5	78.7
67	68.8	55.0	82.6
52	33.6	26.9	40.3

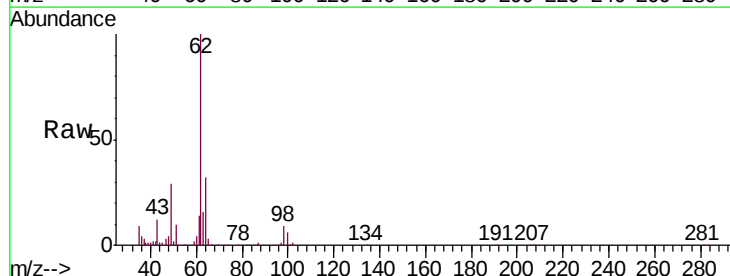


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

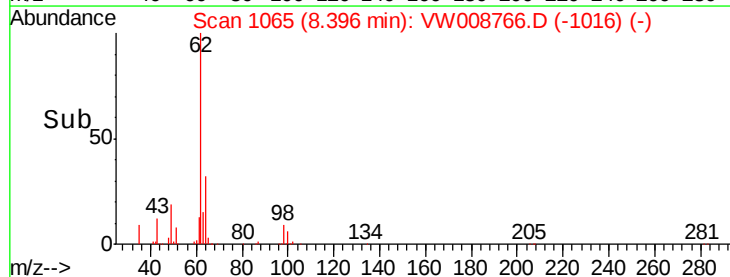
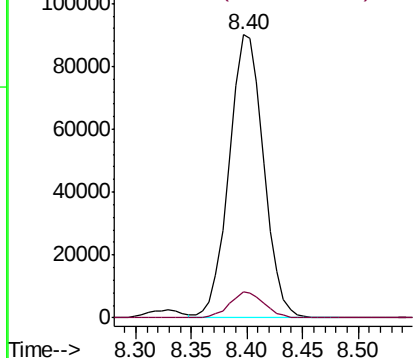


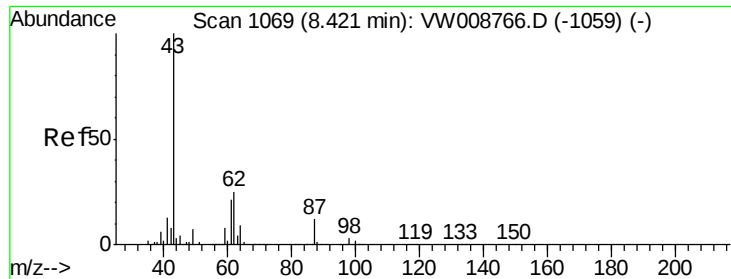
#42
1,2-Dichloroethane
Concen: 47.378 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Tgt Ion:	62	Resp:	193864
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2



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

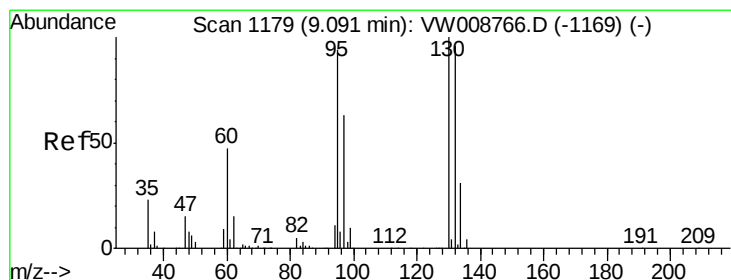
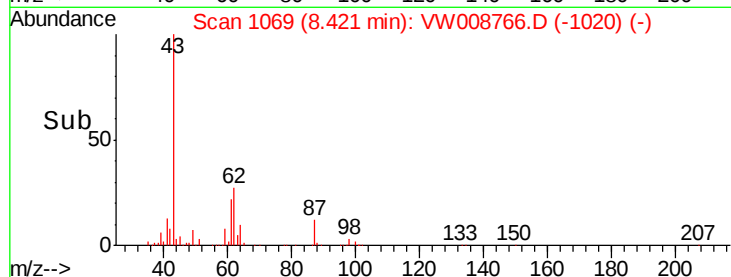
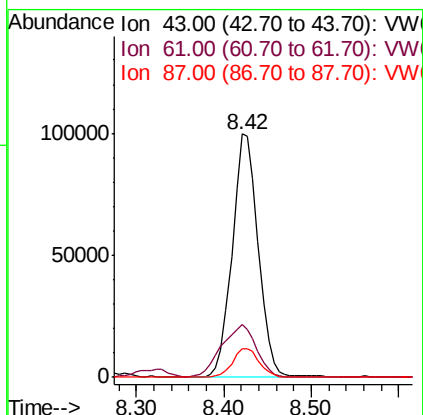
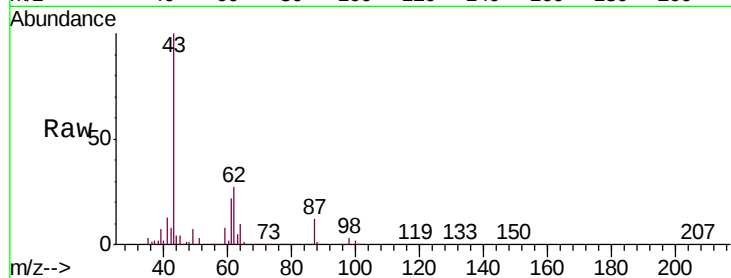




#43
Isopropyl Acetate
Concen: 46.984 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

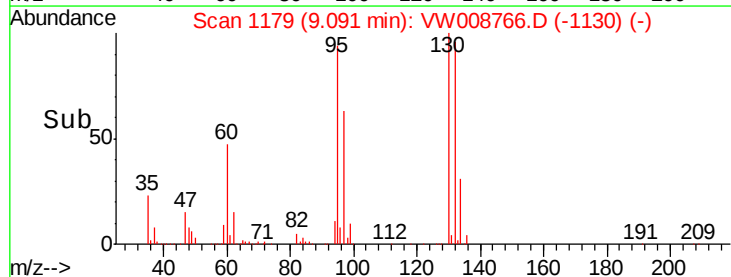
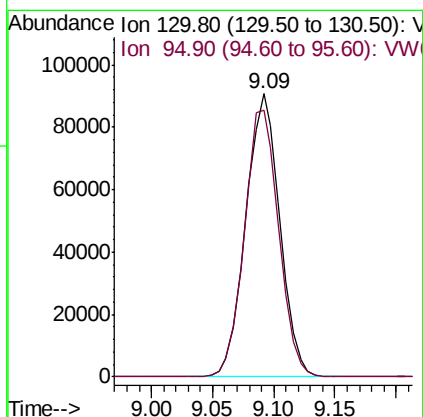
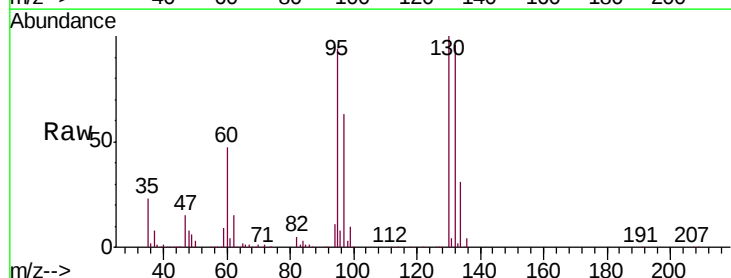
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

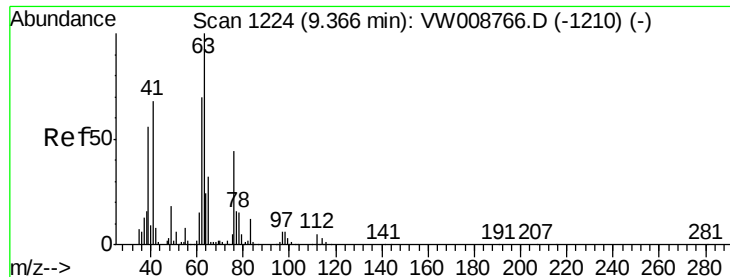
Tgt Ion: 43 Resp: 206299
Ion Ratio Lower Upper
43 100
61 29.0 23.2 34.8
87 12.4 9.9 14.9



#44
Trichloroethene
Concen: 48.203 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Tgt Ion: 130 Resp: 175405
Ion Ratio Lower Upper
130 100
95 94.3 0.0 188.6

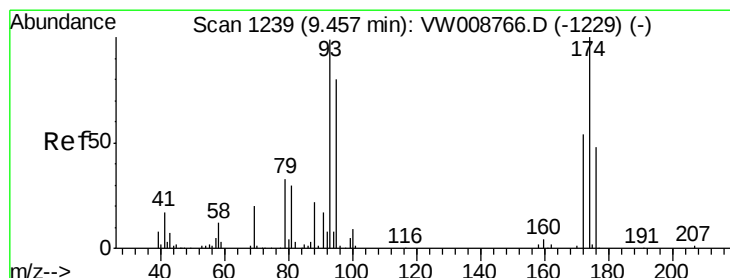
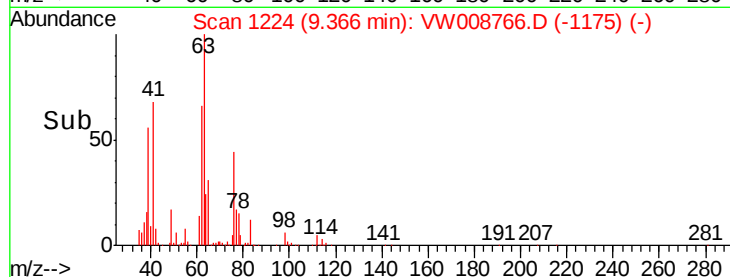
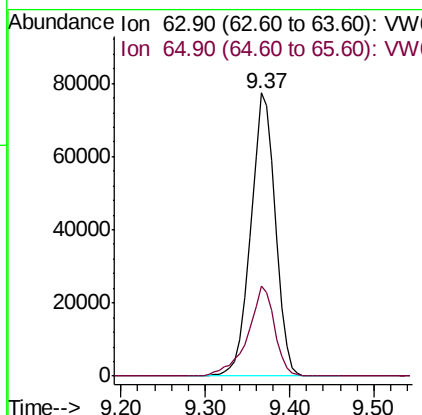
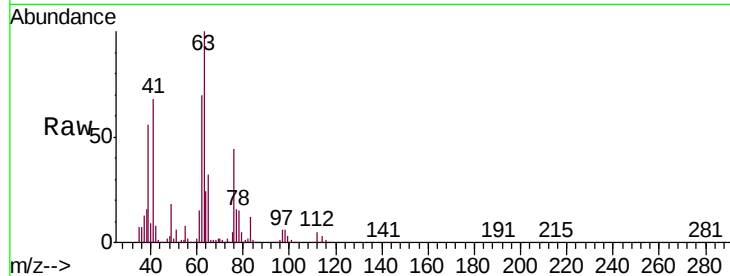




#45
 1,2-Dichloropropane
 Concen: 47.701 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

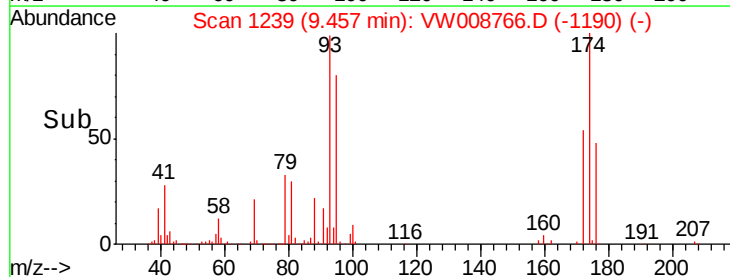
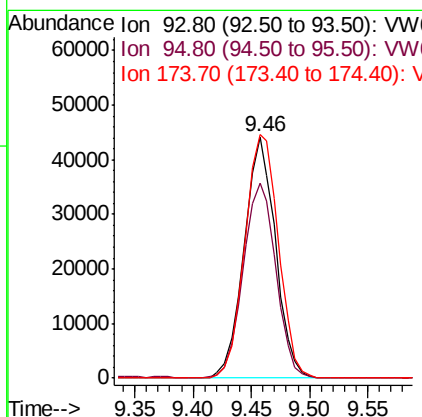
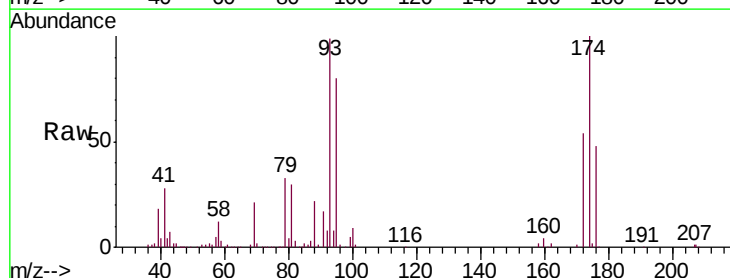
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

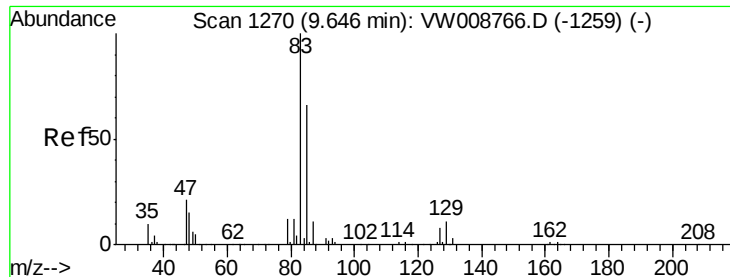
Tgt Ion: 63 Resp: 152262
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.5 38.3



#46
 Dibromomethane
 Concen: 46.813 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Tgt Ion: 93 Resp: 83117
 Ion Ratio Lower Upper
 93 100
 95 84.6 67.7 101.5
 174 108.4 86.7 130.1





#47

Bromodichloromethane

Concen: 47.616 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

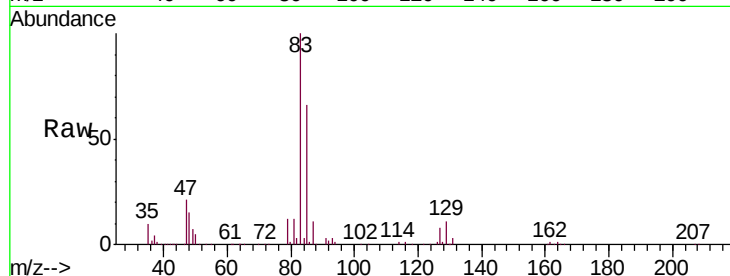
Tgt Ion: 83 Resp: 205698

Ion Ratio Lower Upper

83 100

85 65.6 52.5 78.7

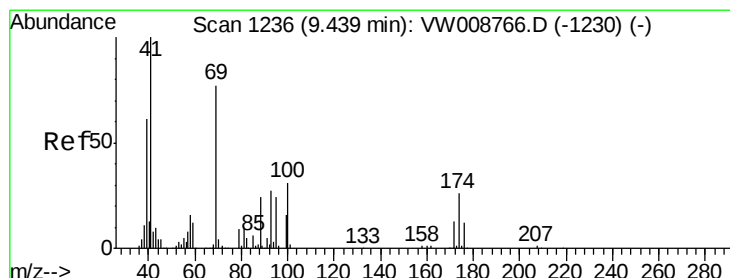
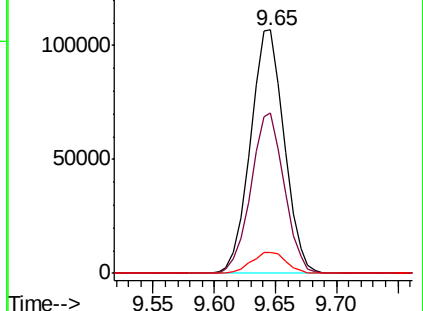
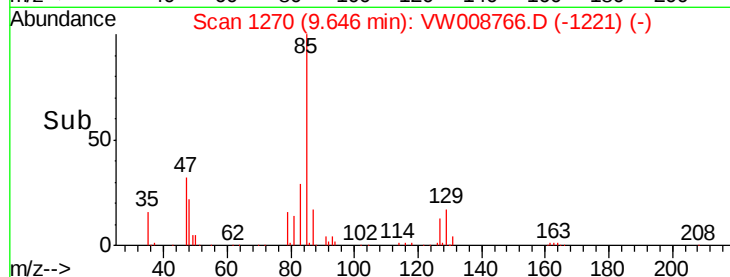
127 8.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.946 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

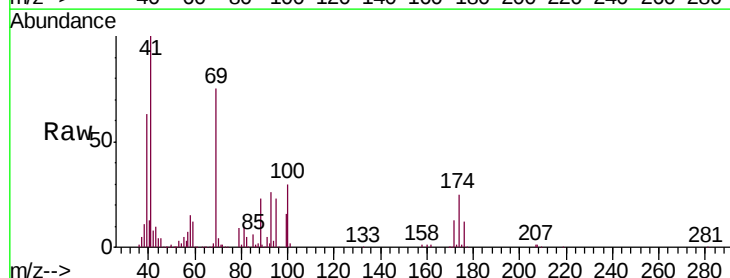
Tgt Ion: 41 Resp: 98726

Ion Ratio Lower Upper

41 100

69 79.5 63.6 95.4

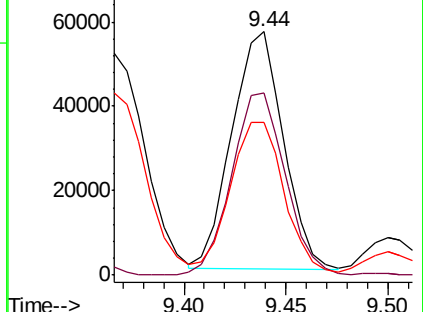
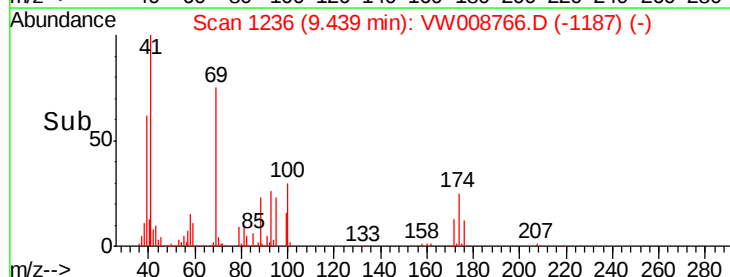
39 65.1 52.1 78.1

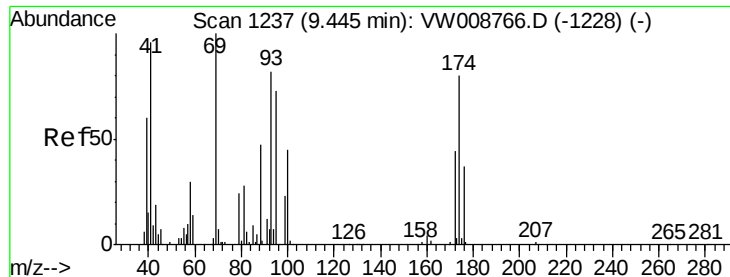


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

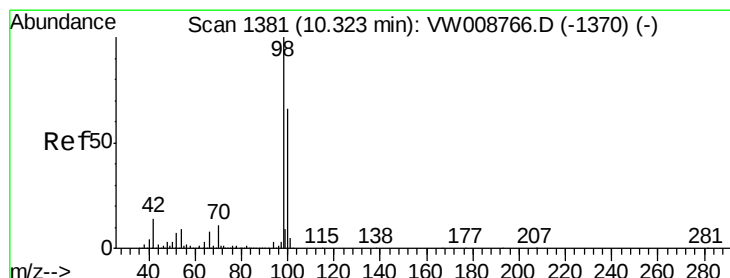
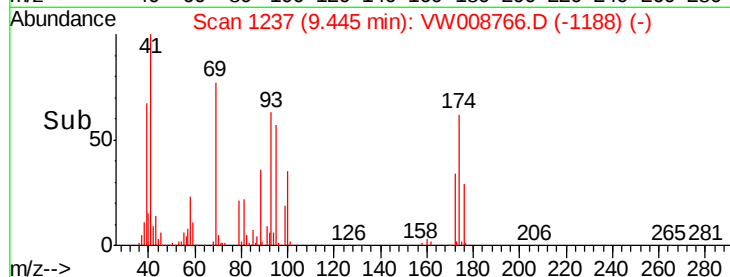
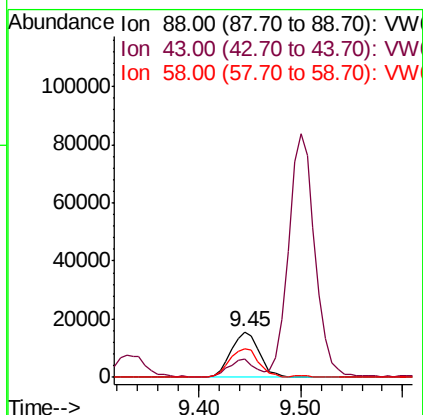
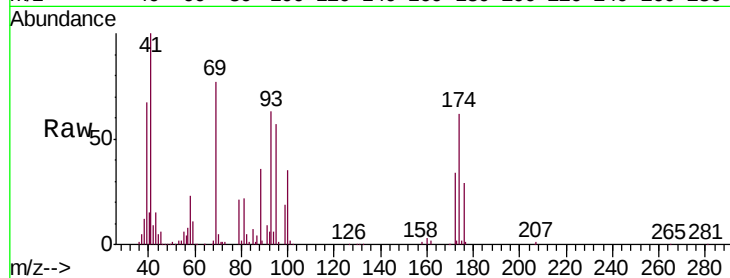




#49
1,4-Dioxane
Concen: 1061.988 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

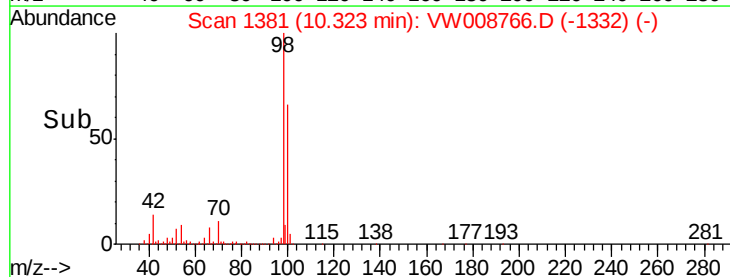
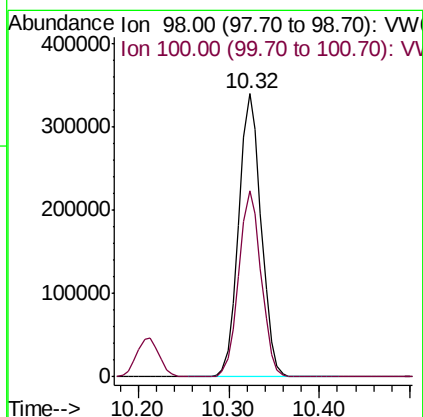
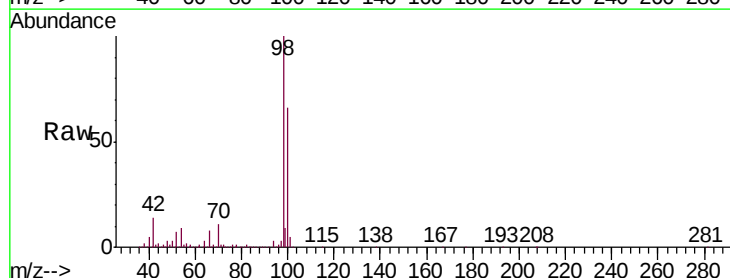
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

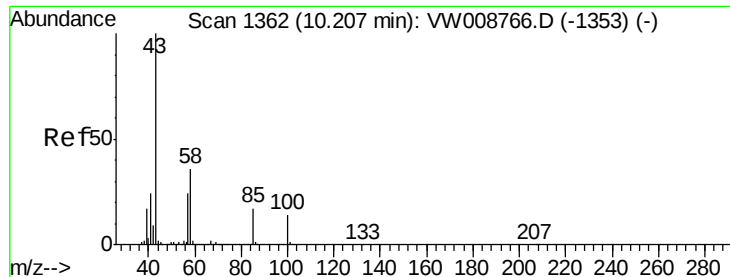
Tgt Ion: 88 Resp: 30196
Ion Ratio Lower Upper
88 100
43 36.2 29.0 43.4
58 65.0 52.0 78.0



#50
Toluene-d8
Concen: 51.918 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Tgt Ion: 98 Resp: 584838
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

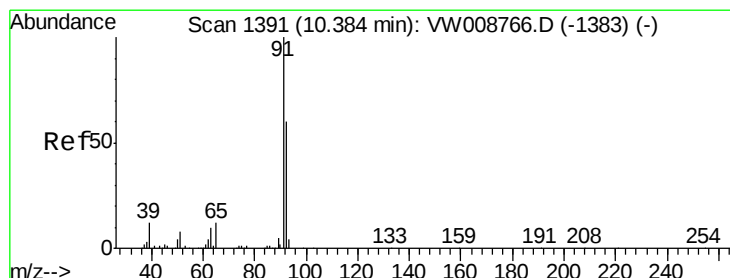
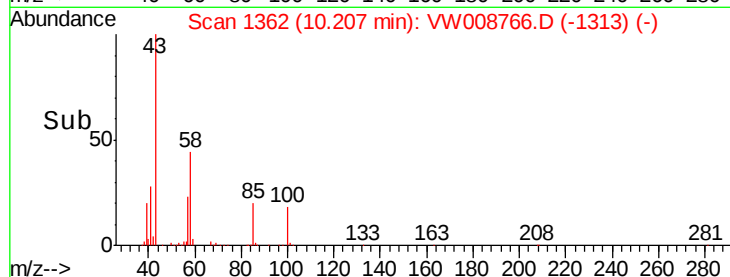
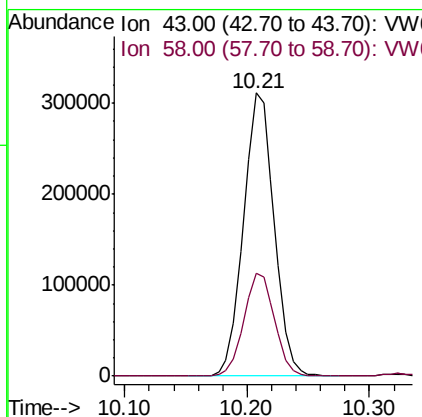
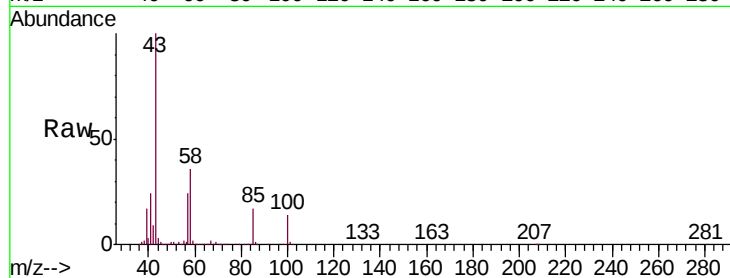




#51
 4-Methyl-2-Pentanone
 Concen: 243.053 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

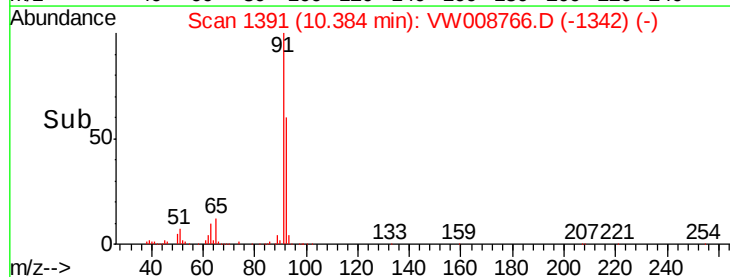
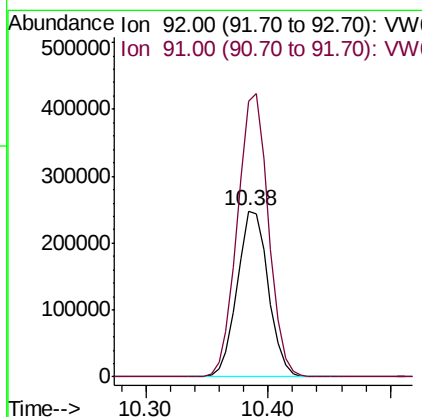
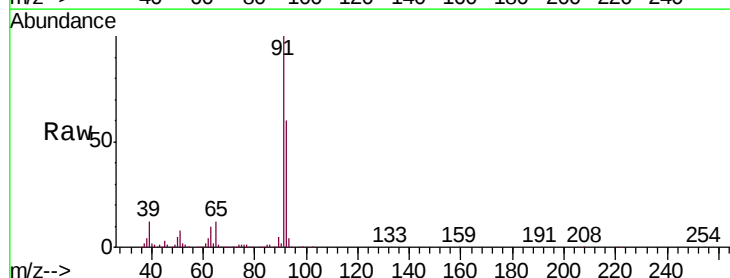
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

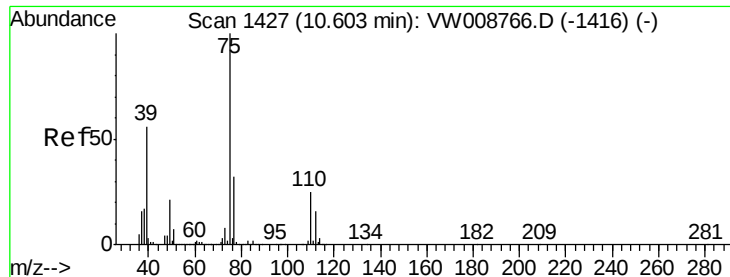
Tgt Ion: 43 Resp: 541823
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.1 43.7



#52
 Toluene
 Concen: 49.689 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Tgt Ion: 92 Resp: 435599
 Ion Ratio Lower Upper
 92 100
 91 171.1 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 48.829 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

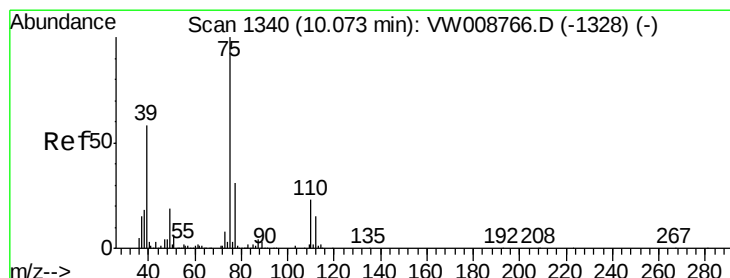
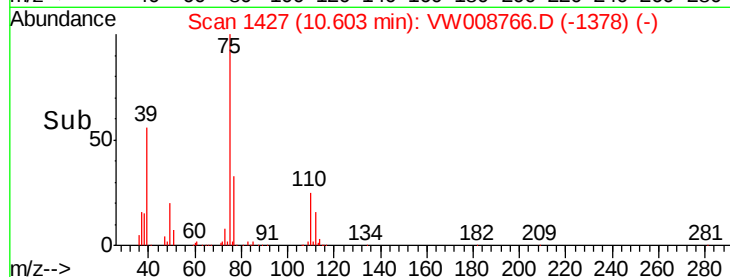
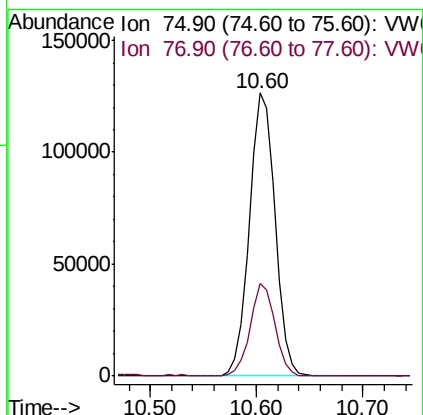
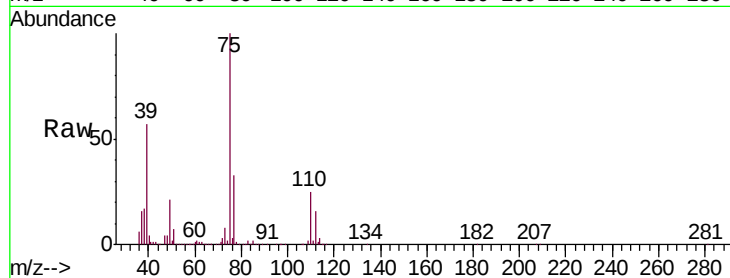
VSTDICCC050

Tgt Ion: 75 Resp: 214998

Ion Ratio Lower Upper

75 100

77 32.6 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 48.681 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

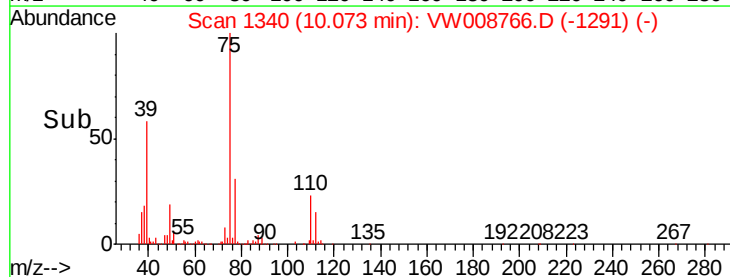
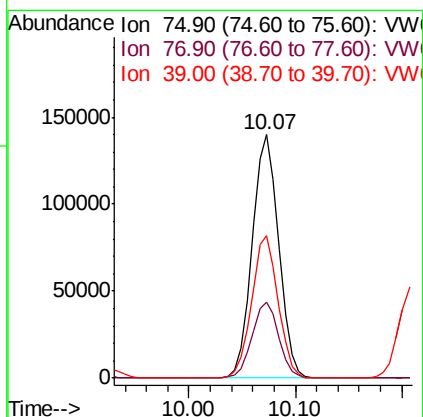
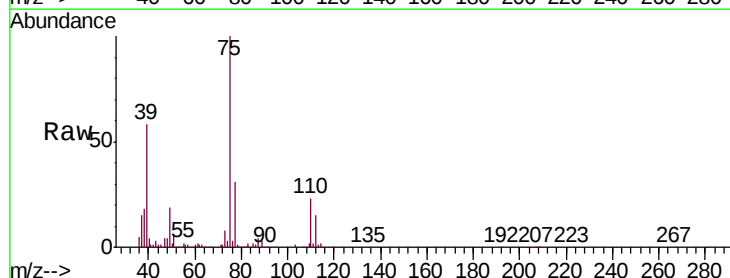
Tgt Ion: 75 Resp: 244466

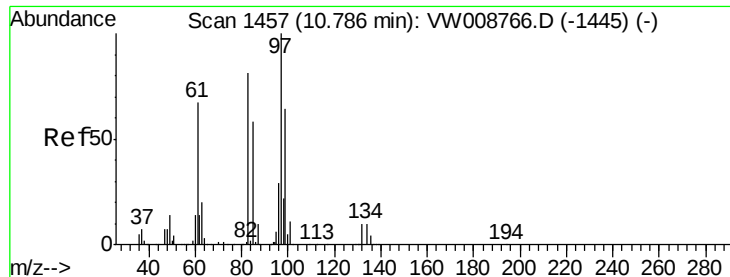
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4

39 58.3 46.6 70.0

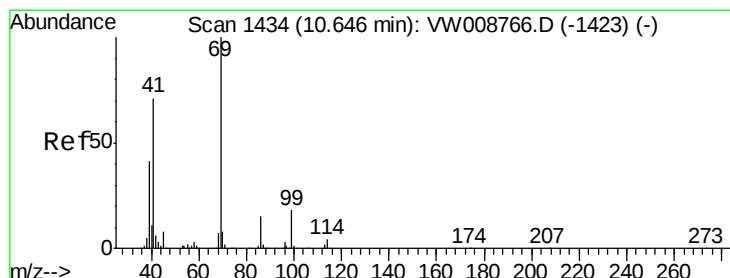
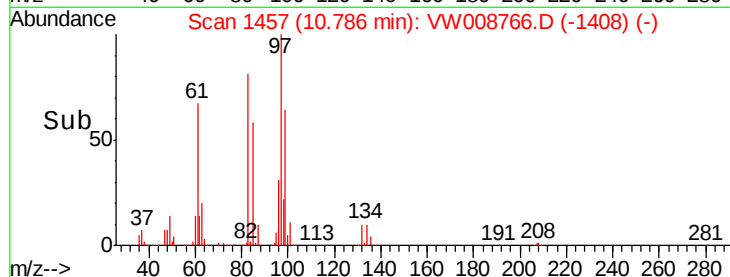
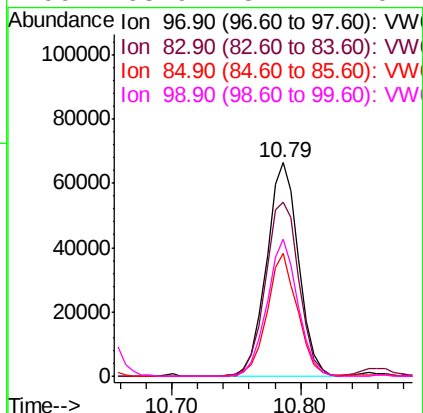
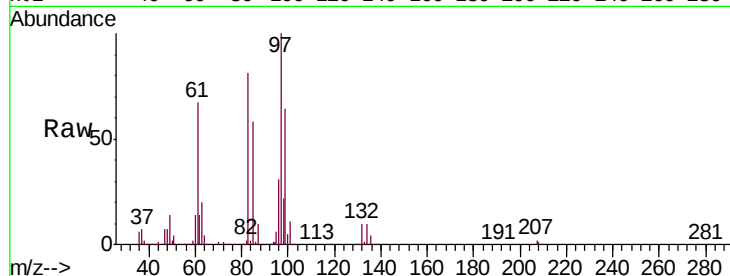




#55
 1,1,2-Trichloroethane
 Concen: 47.610 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

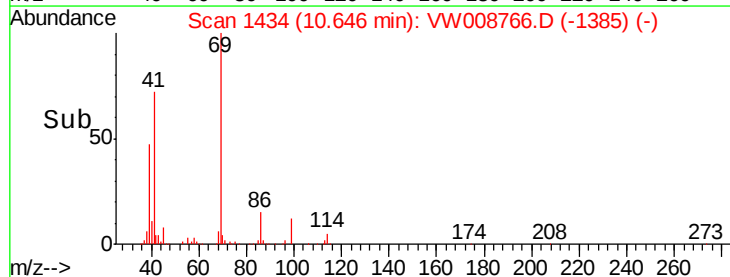
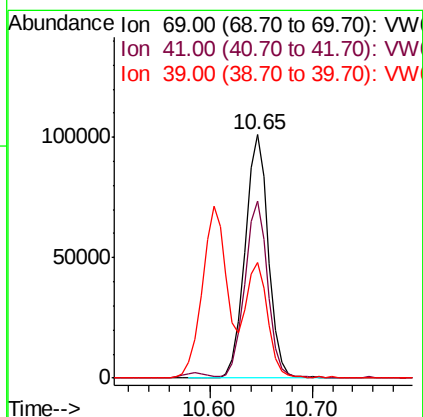
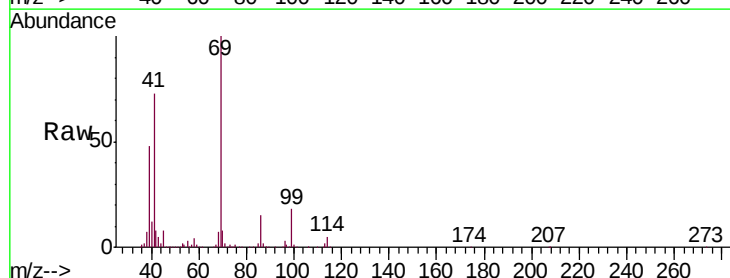
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

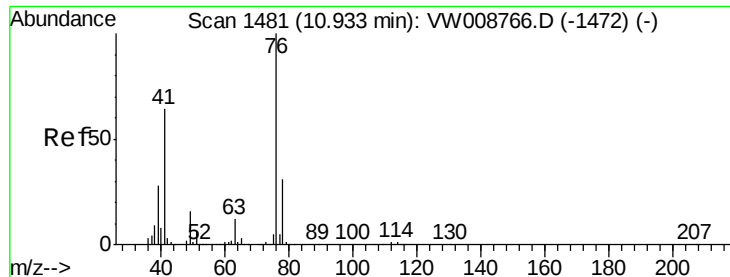
Tgt Ion: 97 Resp: 114641
 Ion Ratio Lower Upper
 97 100
 83 81.3 65.0 97.6
 85 57.5 46.0 69.0
 99 63.9 51.1 76.7



#56
 Ethyl methacrylate
 Concen: 51.088 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Tgt Ion: 69 Resp: 159822
 Ion Ratio Lower Upper
 69 100
 41 71.7 57.4 86.0
 39 43.5 34.8 52.2

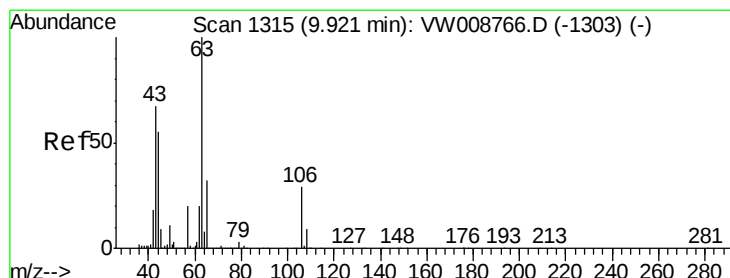
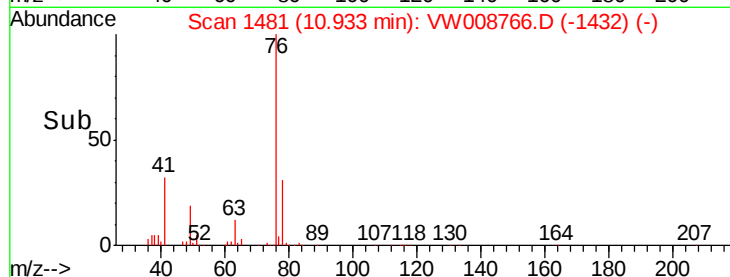
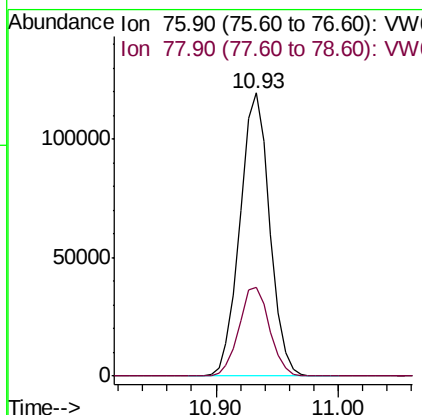
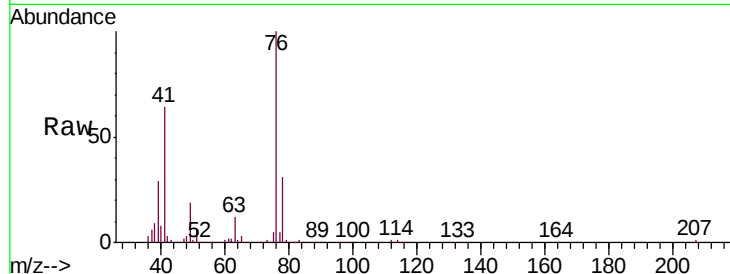




#57
 1,3-Dichloropropane
 Concen: 47.332 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

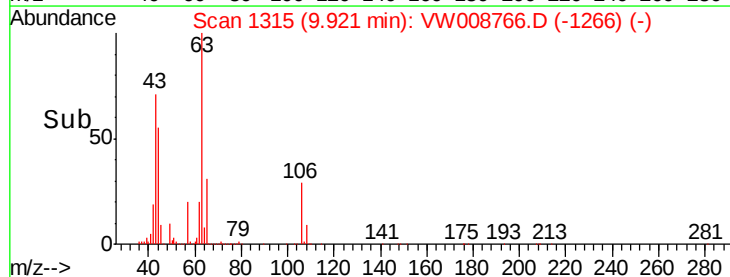
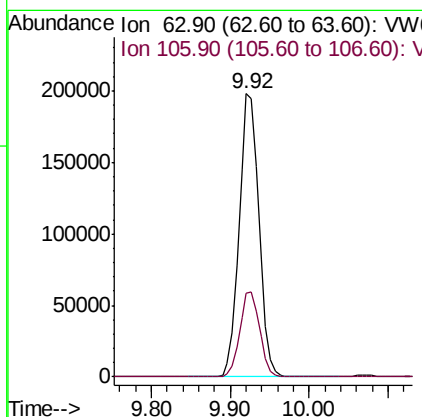
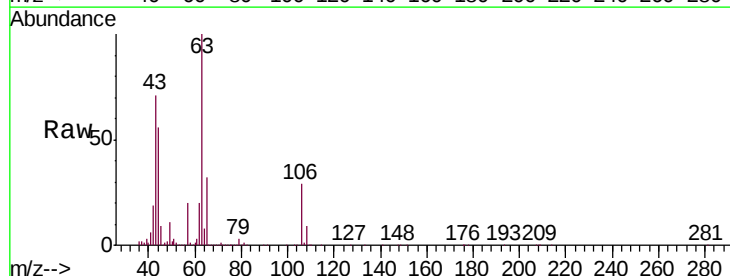
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

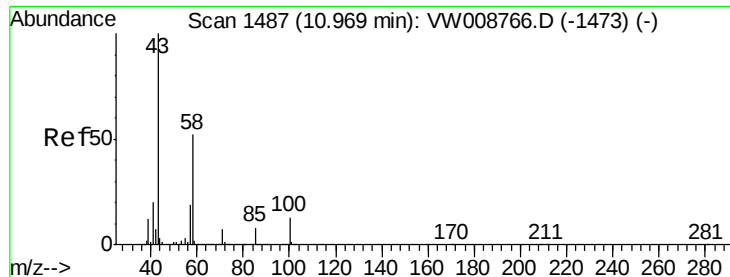
Tgt Ion: 76 Resp: 201228
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 219.383 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Tgt Ion: 63 Resp: 345177
 Ion Ratio Lower Upper
 63 100
 106 30.0 24.0 36.0

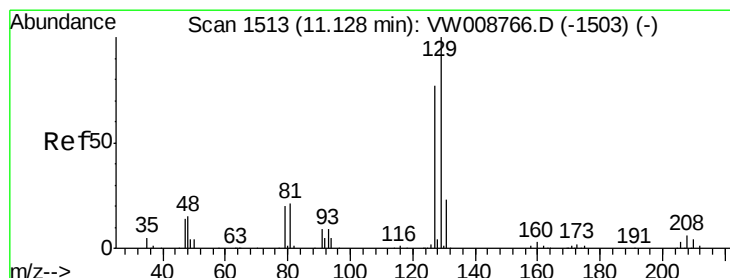
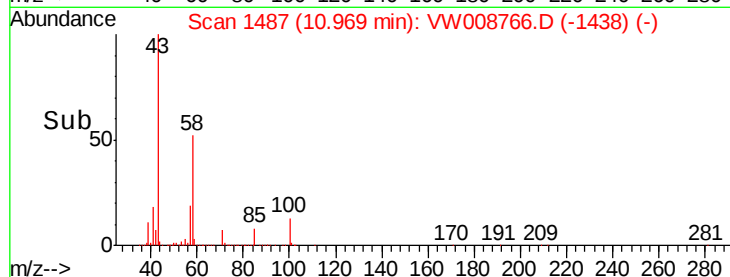
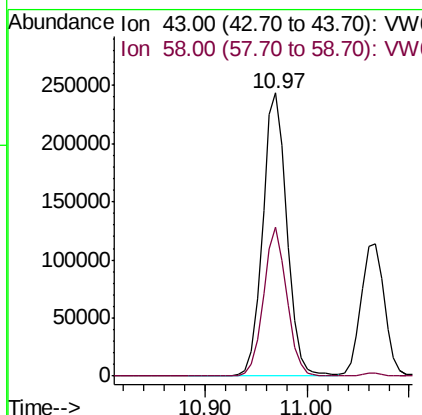
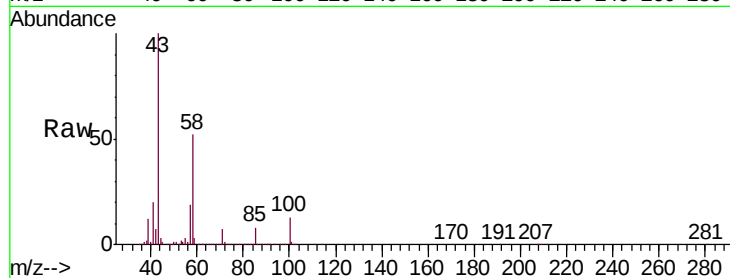




#59
2-Hexanone
Concen: 252.453 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

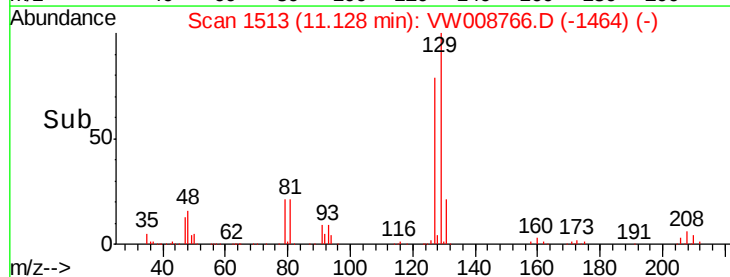
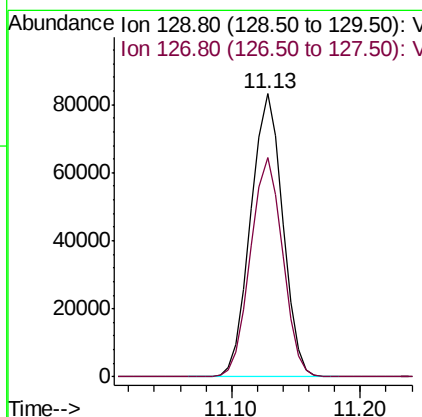
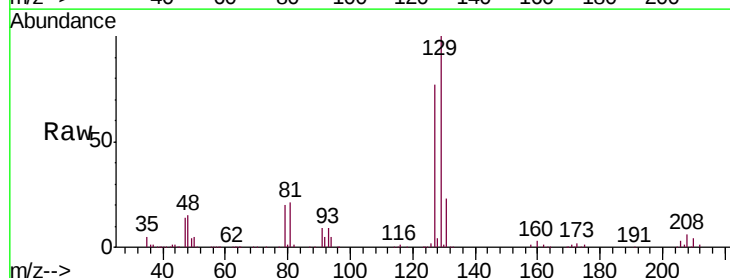
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

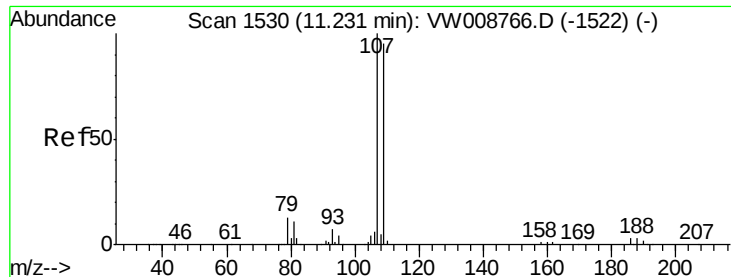
Tgt Ion: 43 Resp: 400608
Ion Ratio Lower Upper
43 100
58 50.5 25.3 75.8



#60
Dibromochloromethane
Concen: 48.510 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Tgt Ion: 129 Resp: 142473
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9

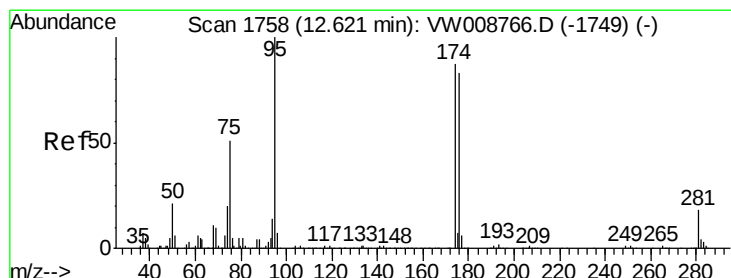
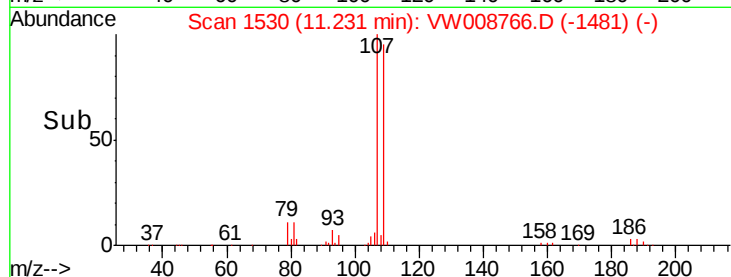
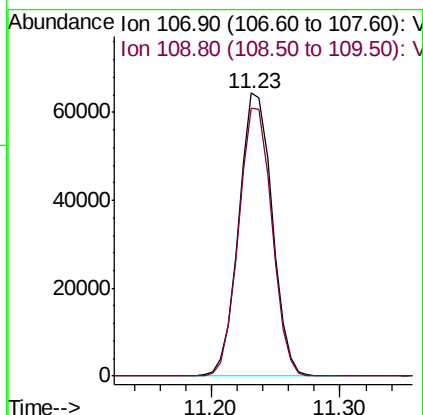
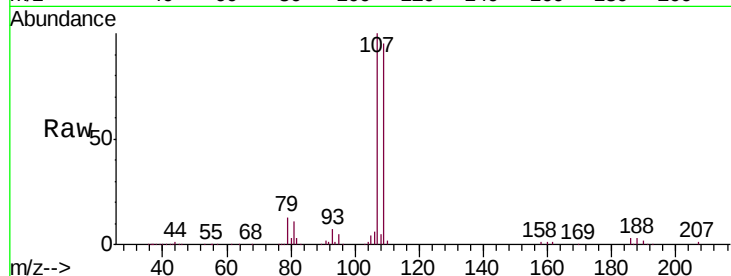




#61
 1,2-Dibromoethane
 Concen: 48.356 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

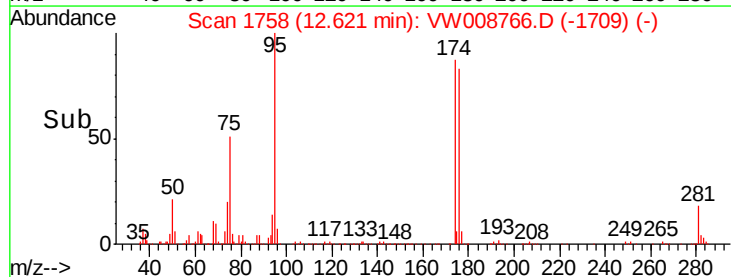
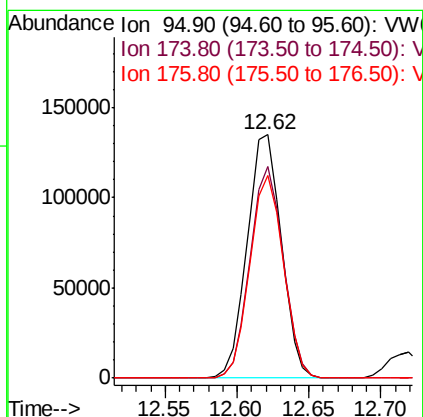
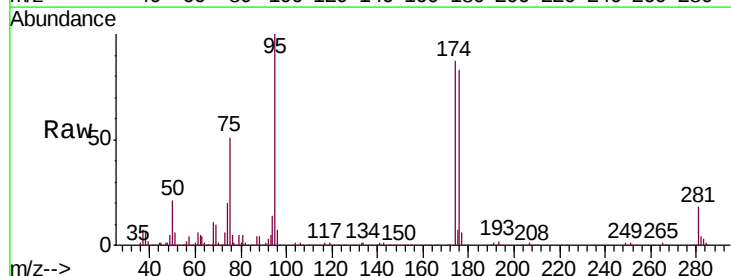
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

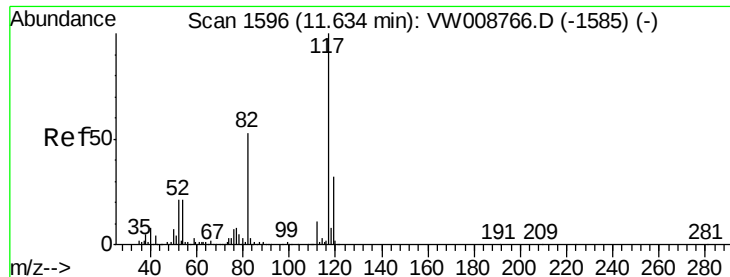
Tgt Ion: 107 Resp: 115253
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.240 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Tgt Ion: 95 Resp: 221587
 Ion Ratio Lower Upper
 95 100
 174 84.6 0.0 169.2
 176 81.8 0.0 163.6

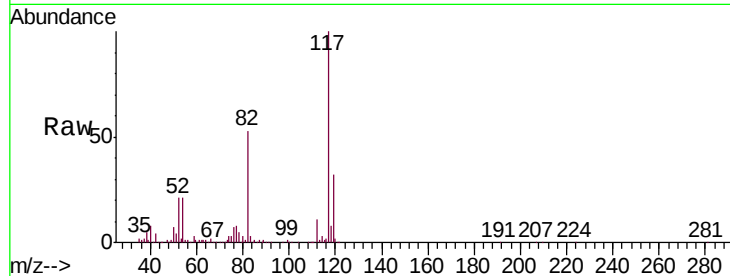




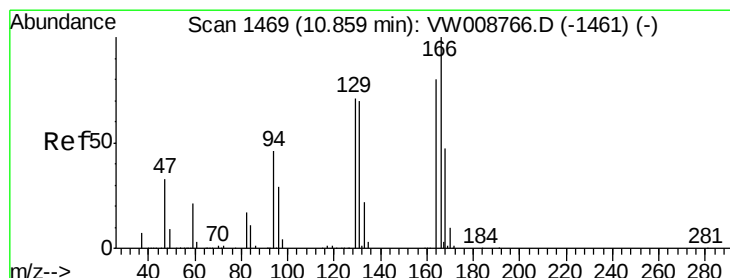
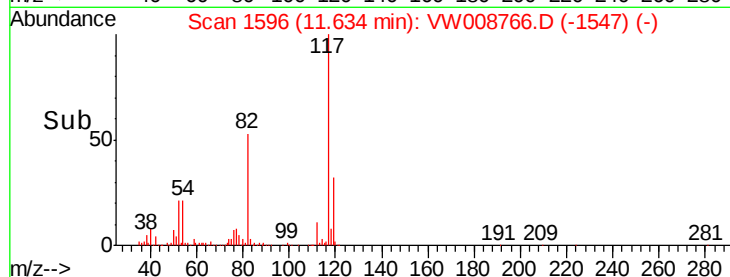
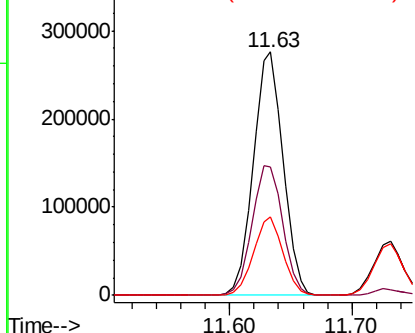
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 468274
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 32.4 25.9 38.9

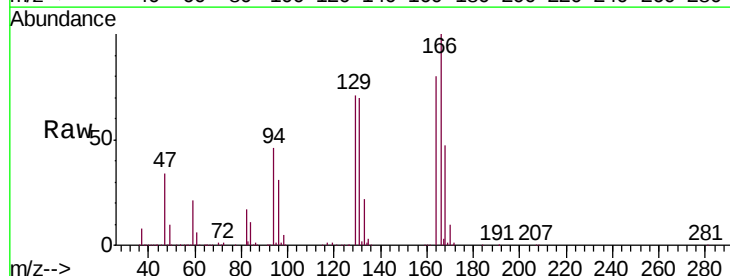


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

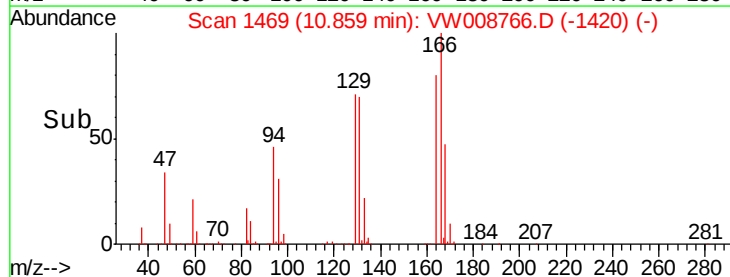
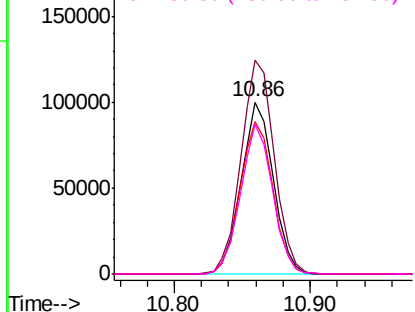


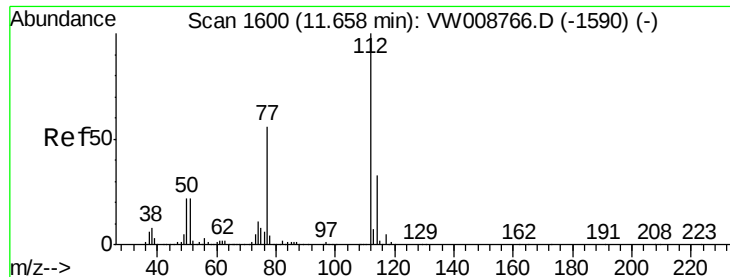
#64
Tetrachloroethene
Concen: 49.329 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Tgt Ion:164 Resp: 165351
Ion Ratio Lower Upper
164 100
166 124.4 99.5 149.3
129 88.9 71.1 106.7
131 87.3 69.8 104.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.798 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

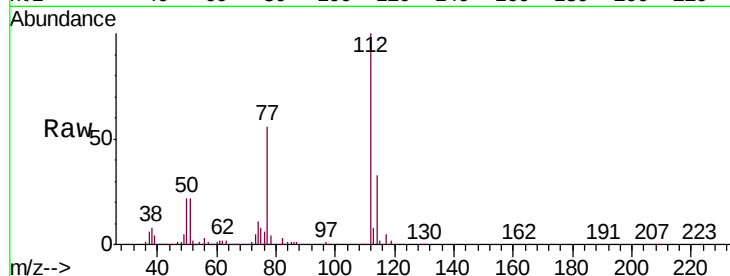
VSTDICCC050

Tgt Ion:112 Resp: 480485

Ion Ratio Lower Upper

112 100

114 33.3 26.6 40.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

300000

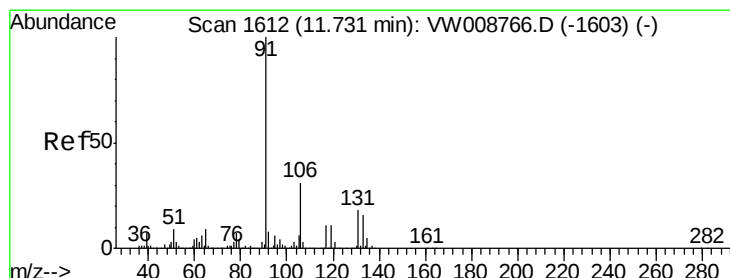
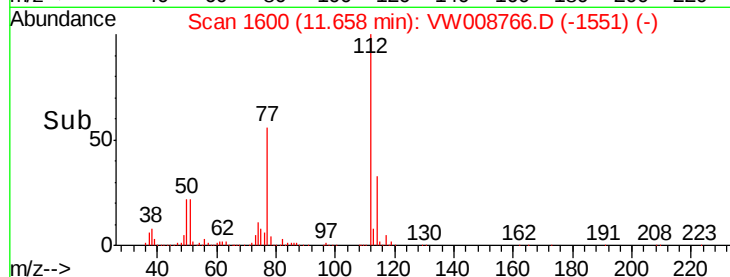
200000

100000

0

Time-->

11.60 11.70 11.80



#66

1,1,1,2-Tetrachloroethane

Concen: 48.168 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

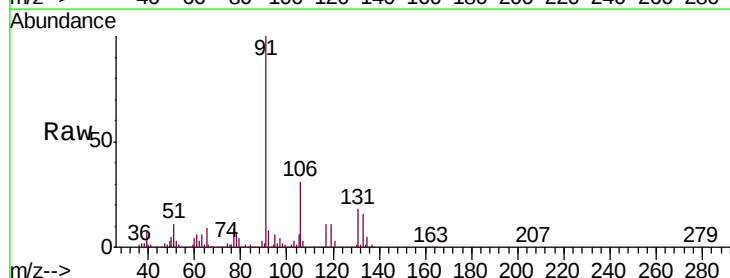
Tgt Ion:131 Resp: 160366

Ion Ratio Lower Upper

131 100

133 93.3 46.7 140.0

119 61.6 30.8 92.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.73

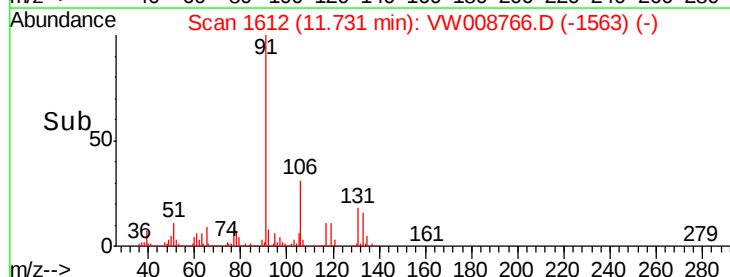
100000

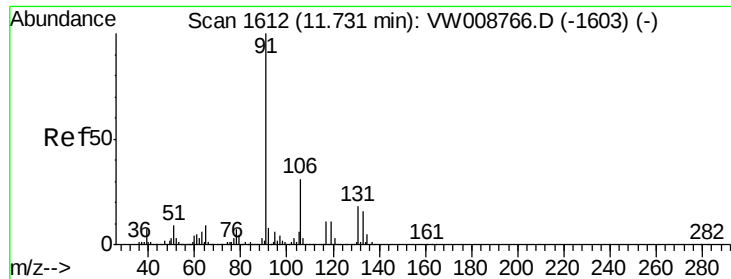
50000

0

Time-->

11.65 11.75 11.80

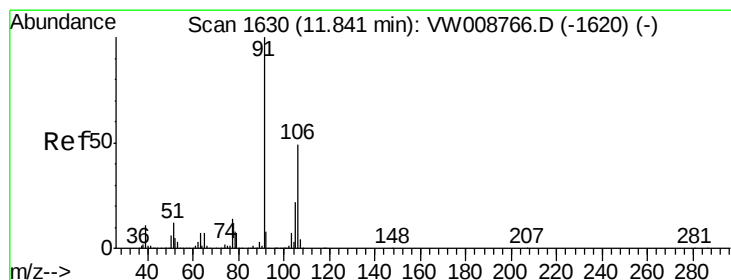
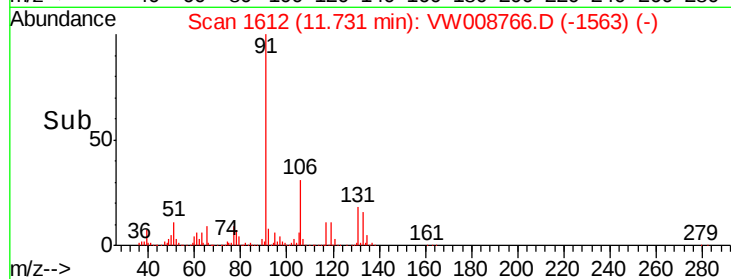
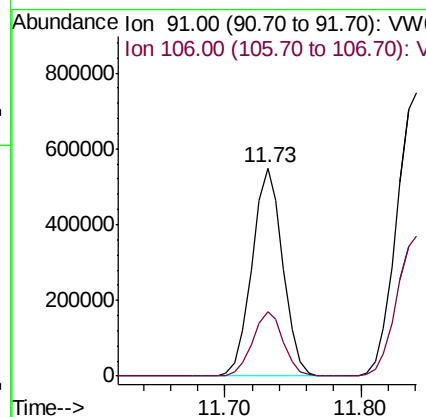
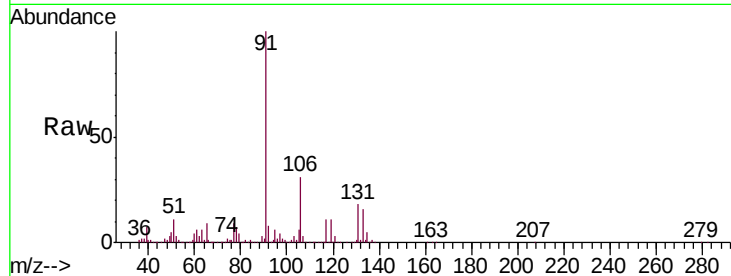




#67
Ethyl Benzene
Concen: 49.388 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

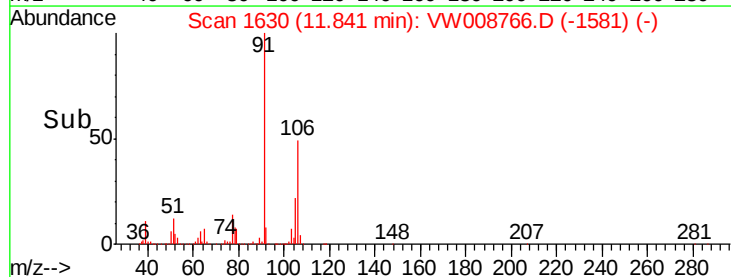
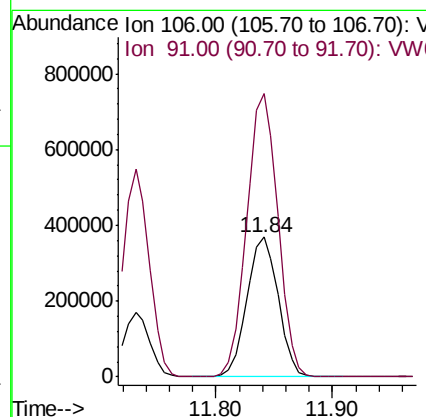
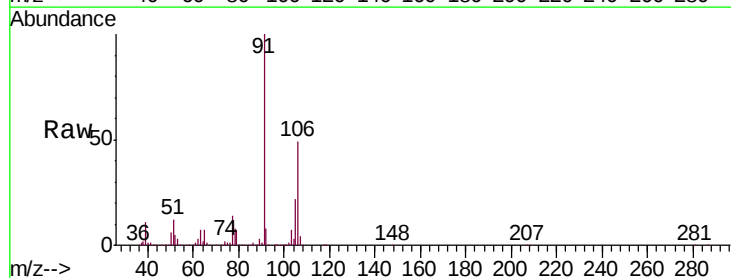
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

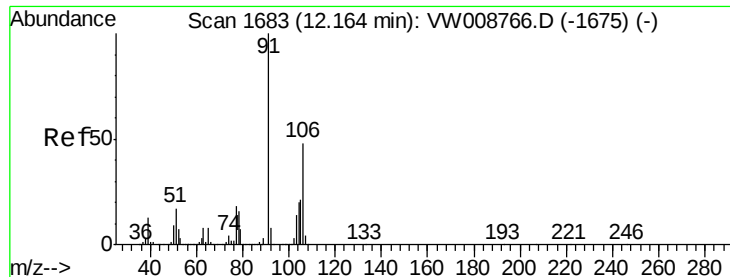
Tgt Ion: 91 Resp: 869323
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 98.427 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Tgt Ion: 106 Resp: 692228
Ion Ratio Lower Upper
106 100
91 201.9 161.5 242.3

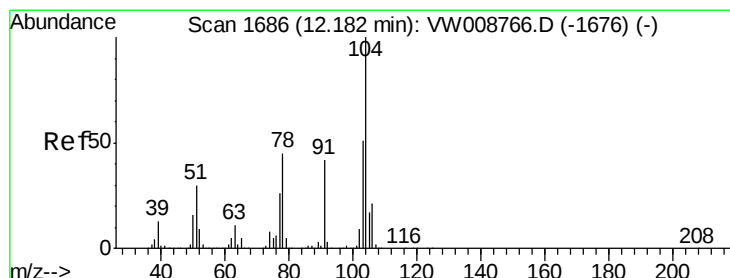
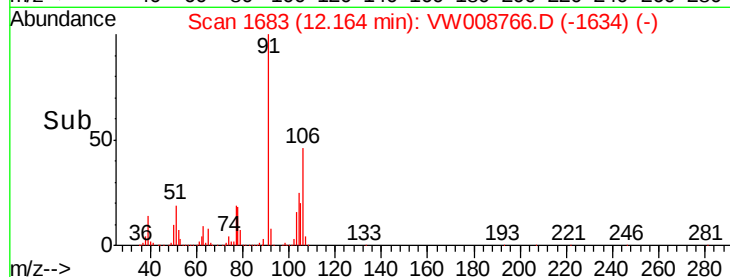
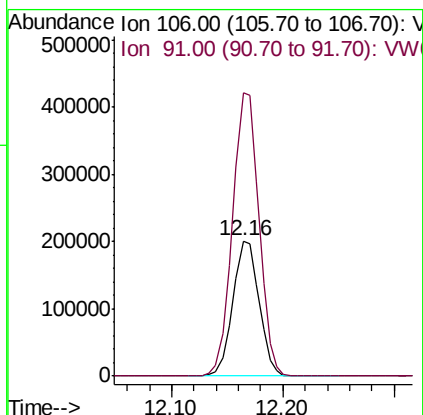
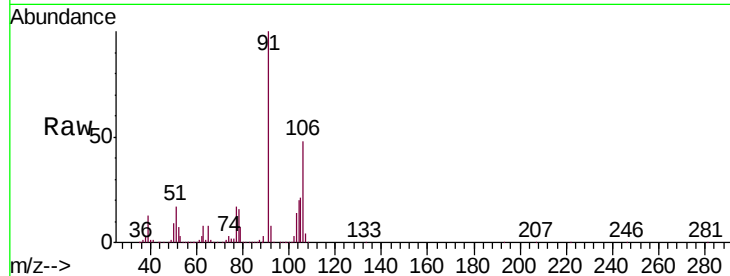




#69
o-Xylene
Concen: 49.403 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

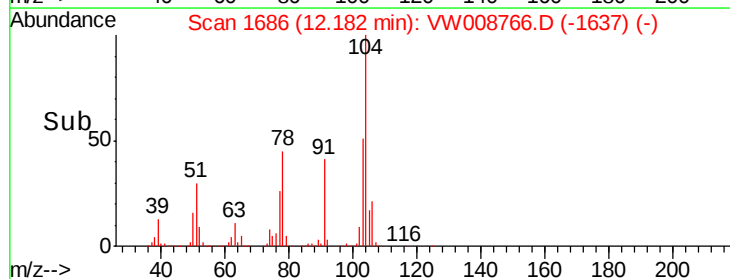
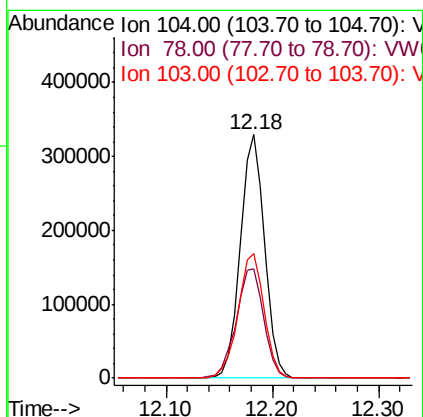
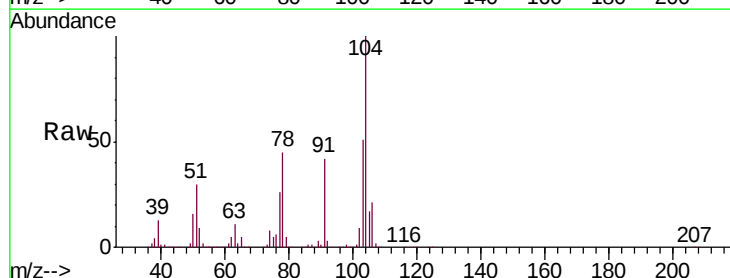
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 326120
Ion Ratio Lower Upper
106 100
91 212.4 106.2 318.6



#70
Styrene
Concen: 49.655 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Tgt Ion:104 Resp: 527350
Ion Ratio Lower Upper
104 100
78 51.0 40.8 61.2
103 55.2 44.2 66.2

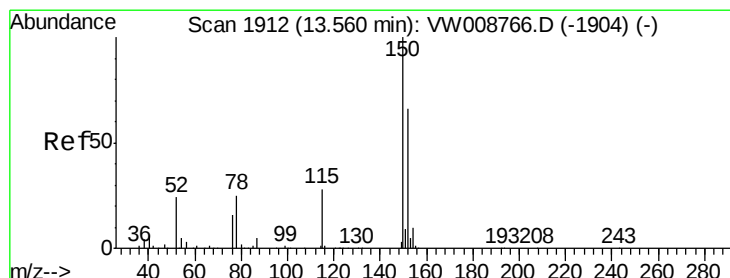
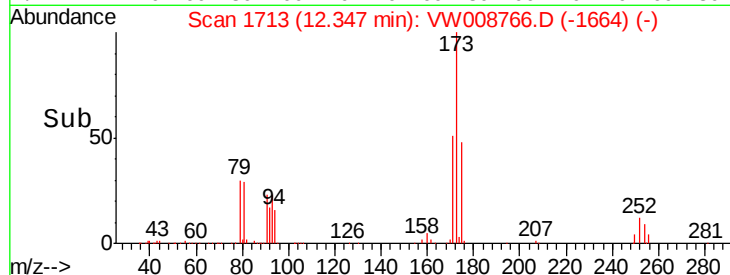
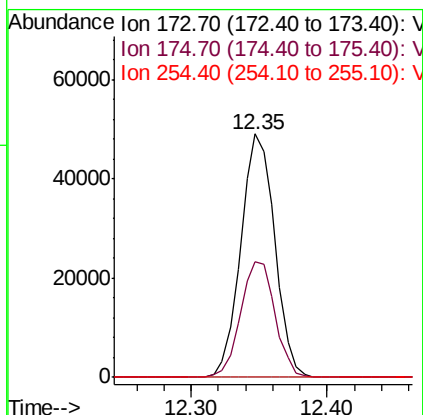
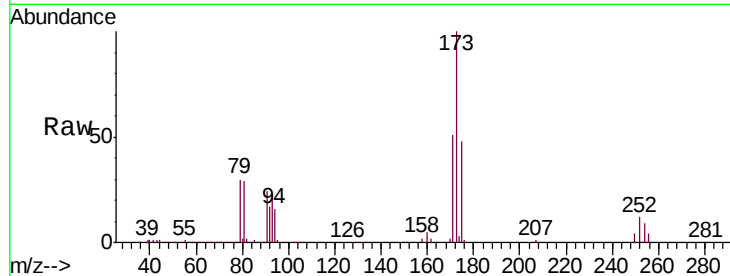




#71
Bromoform
Concen: 47.645 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

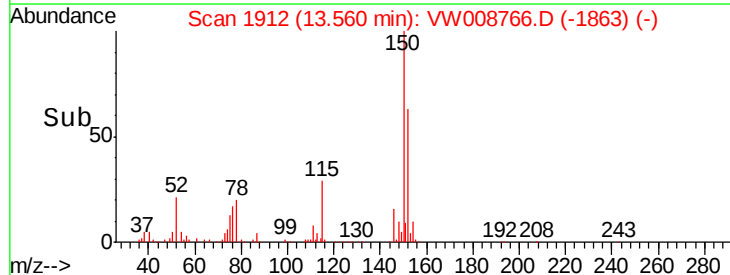
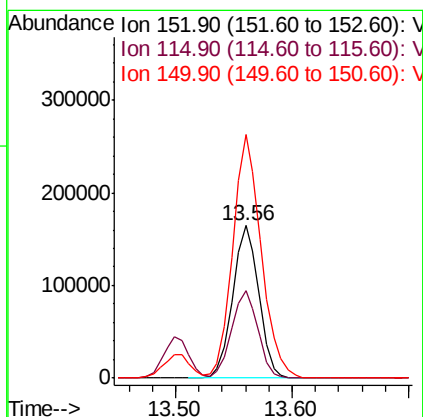
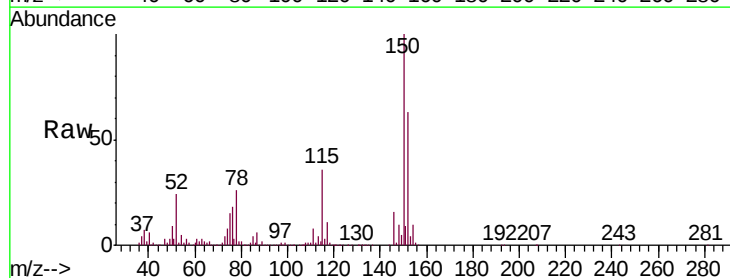
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

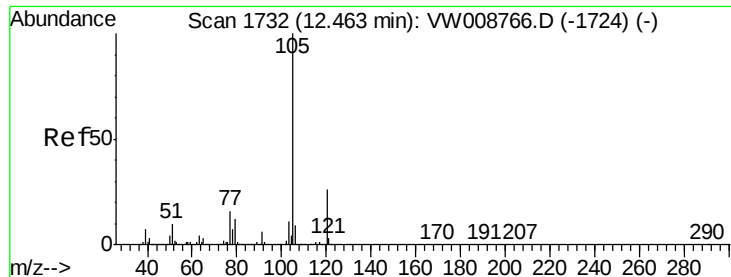
Tgt Ion:173 Resp: 85266
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.3 0.2 0.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Tgt Ion:152 Resp: 255801
Ion Ratio Lower Upper
152 100
115 57.2 28.6 85.8
150 174.0 0.0 348.0





#73

Isopropylbenzene

Concen: 50.604 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

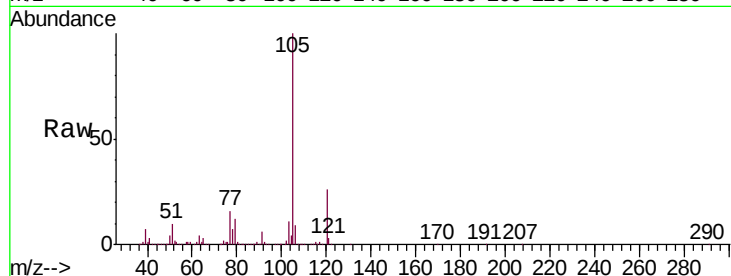
VSTDICCC050

Tgt Ion: 105 Resp: 887397

Ion Ratio Lower Upper

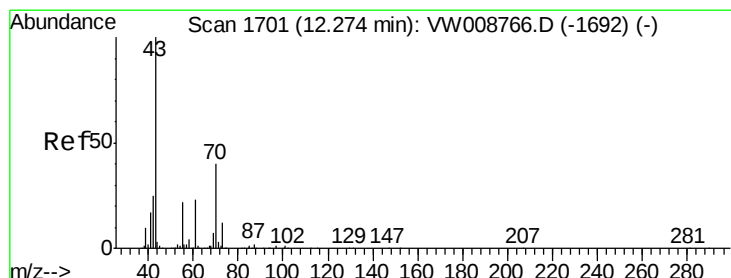
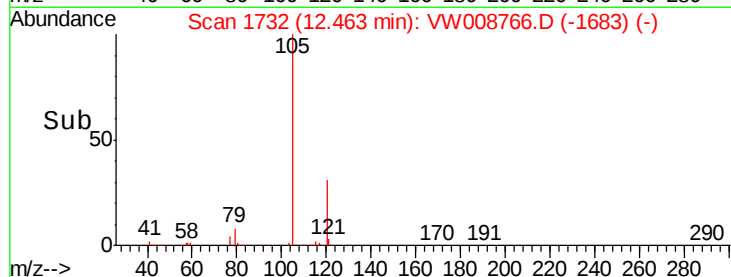
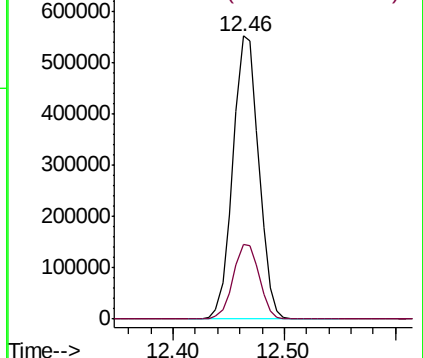
105 100

120 26.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.457 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Tgt Ion: 43 Resp: 222882

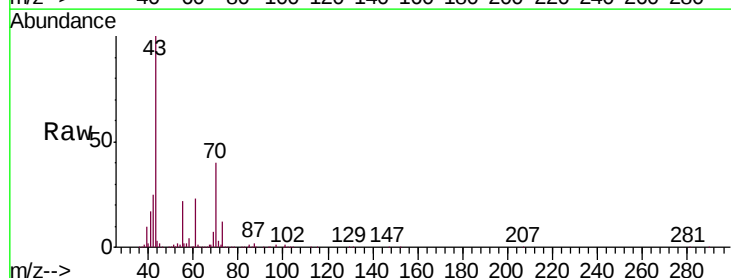
Ion Ratio Lower Upper

43 100

70 38.8 31.0 46.6

55 23.4 18.7 28.1

61 22.6 18.1 27.1

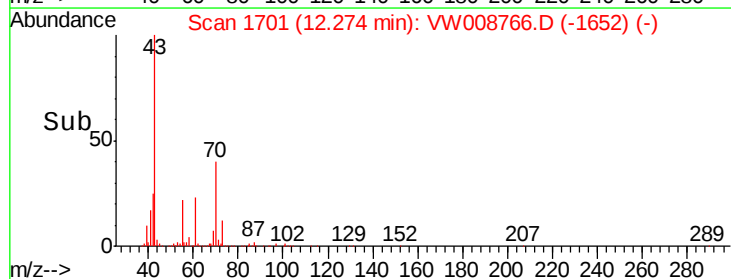
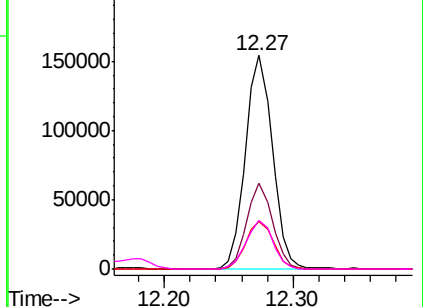


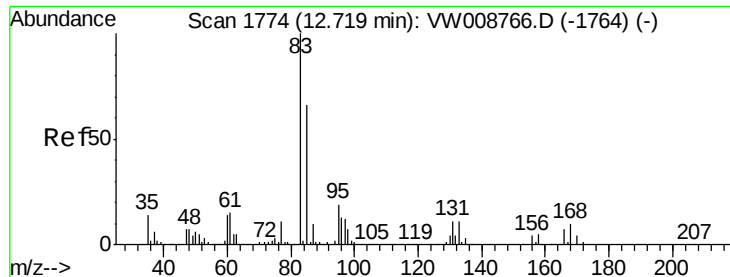
Abundance Ion 43.00 (42.70 to 43.70): VW

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: 47.085 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

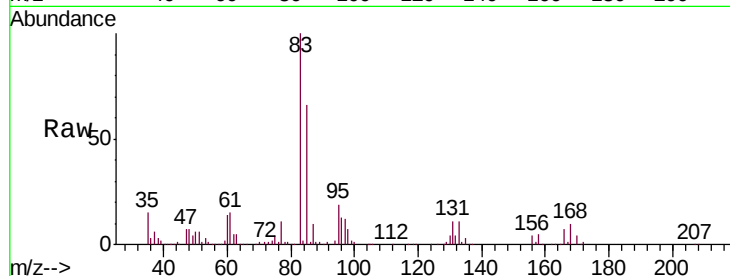
Tgt Ion: 83 Resp: 134915

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.7

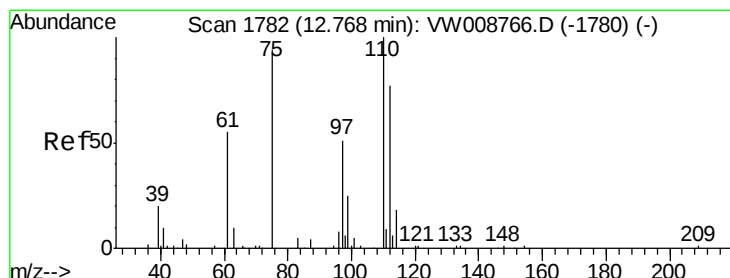
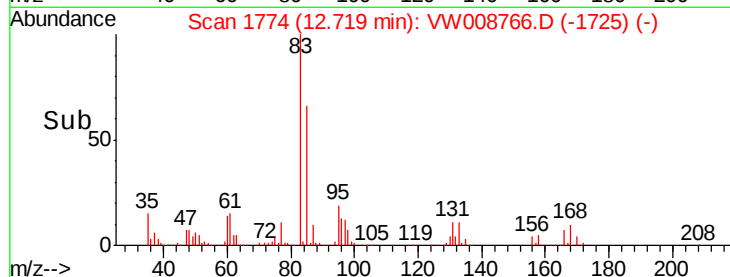
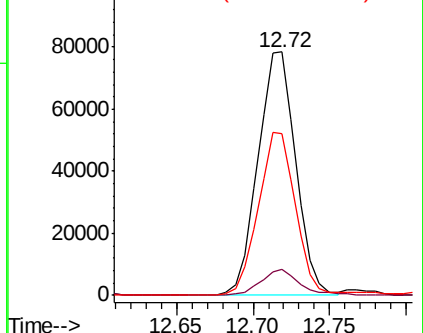
85 65.9 33.0 98.9



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: 86.971 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW008766.D

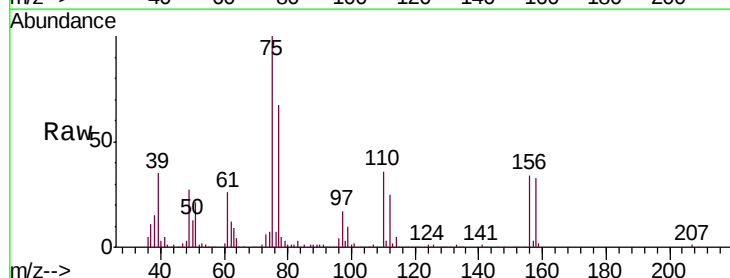
Acq: 21 Feb 2019 12:13

Tgt Ion: 75 Resp: 192476

Ion Ratio Lower Upper

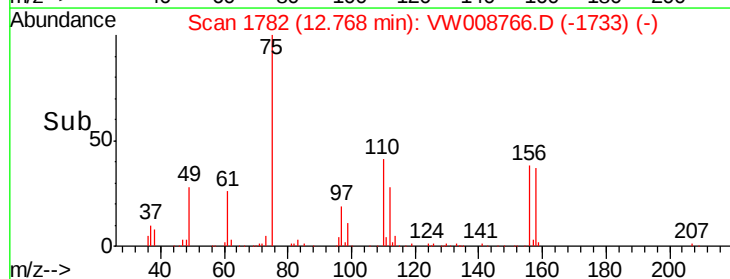
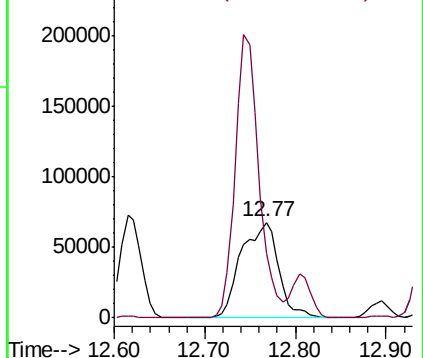
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 49.522 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

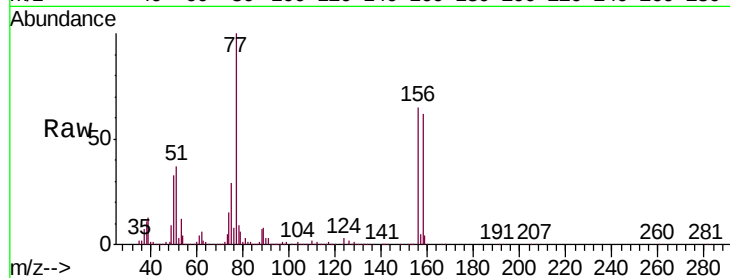
Tgt Ion:156 Resp: 205219

Ion Ratio Lower Upper

156 100

77 178.3 89.1 267.4

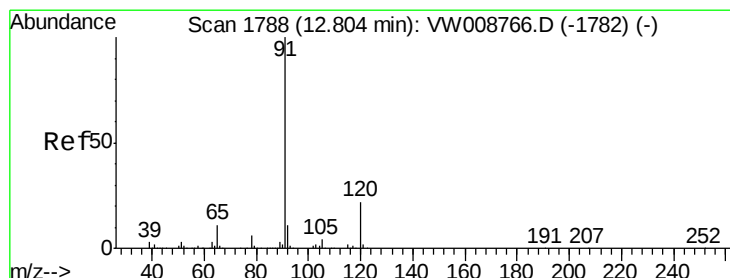
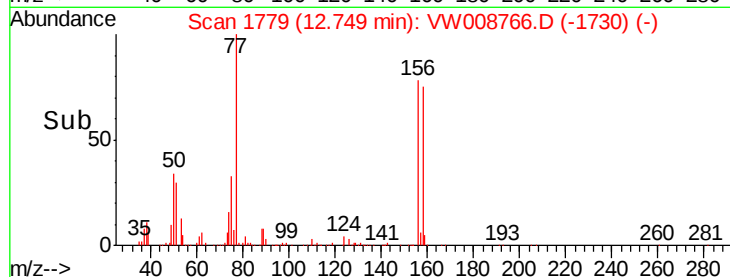
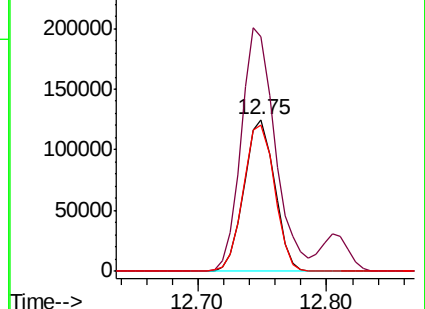
158 98.4 49.2 147.6



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: 50.669 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW008766.D

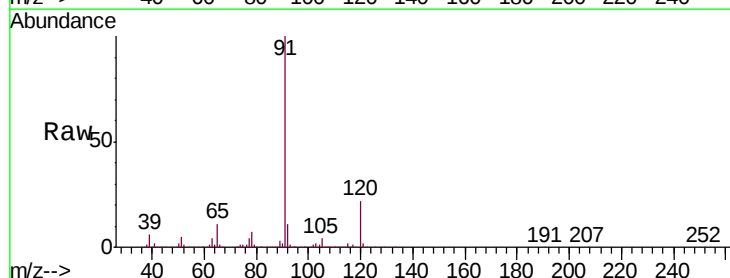
Acq: 21 Feb 2019 12:13

Tgt Ion: 91 Resp: 1086893

Ion Ratio Lower Upper

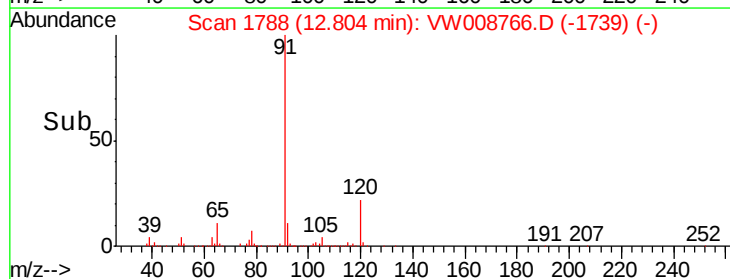
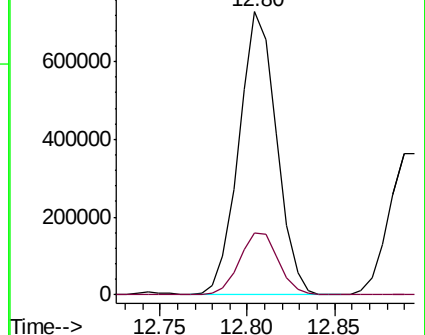
91 100

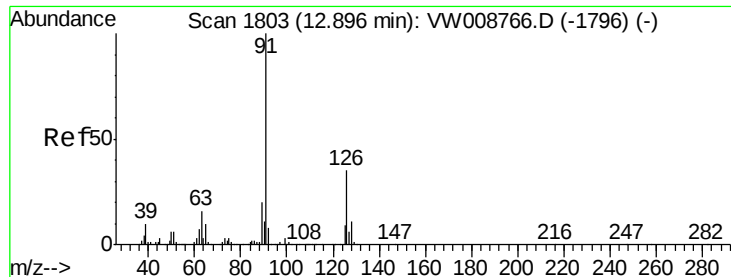
120 22.9 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

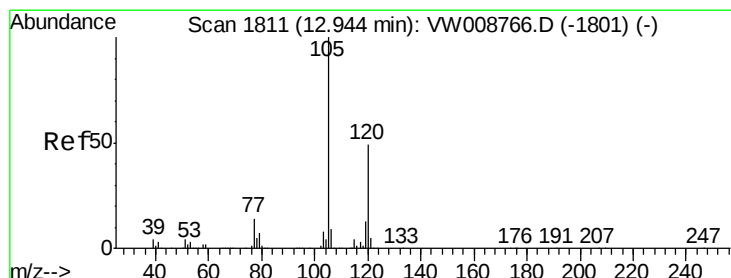
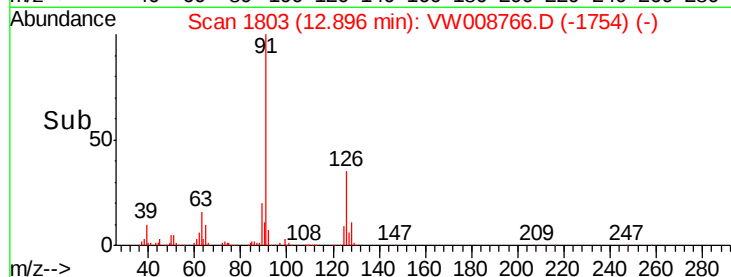
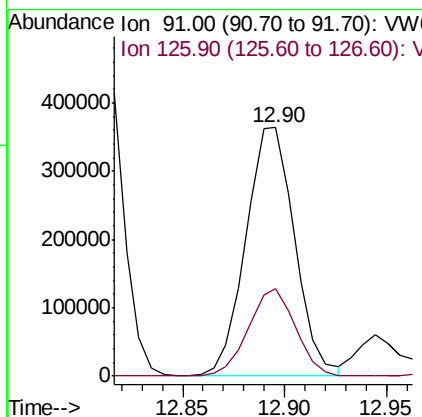
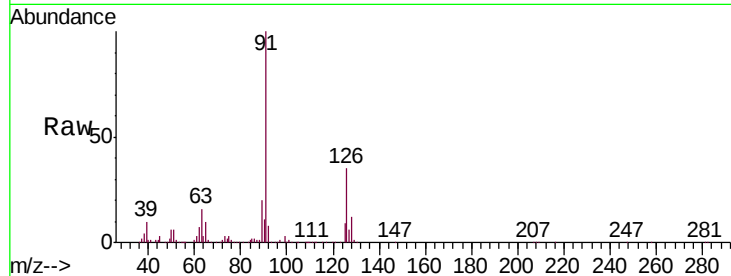




#79
 2-Chlorotoluene
 Concen: 49.799 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

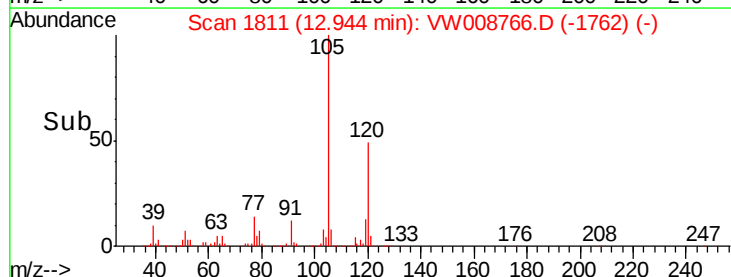
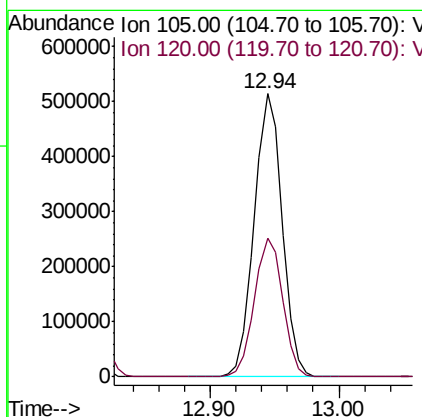
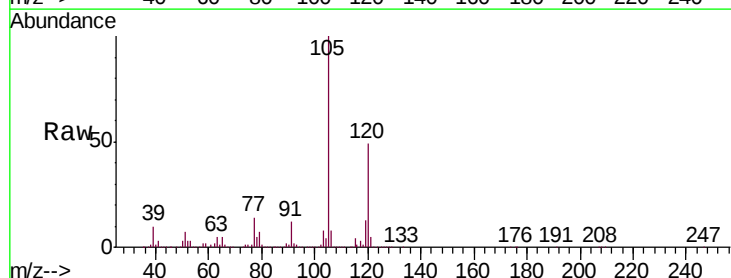
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

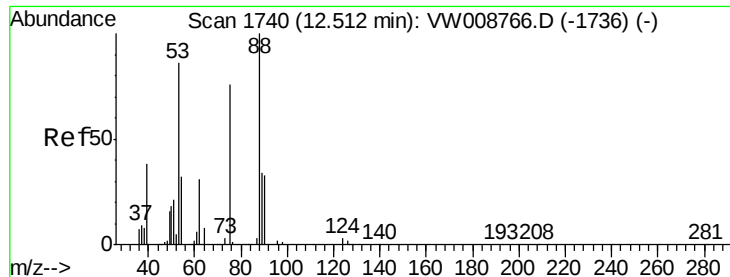
Tgt Ion: 91 Resp: 606502
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 50.239 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Tgt Ion: 105 Resp: 765601
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 47.495 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

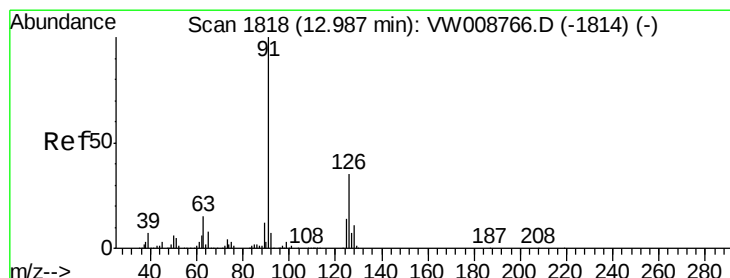
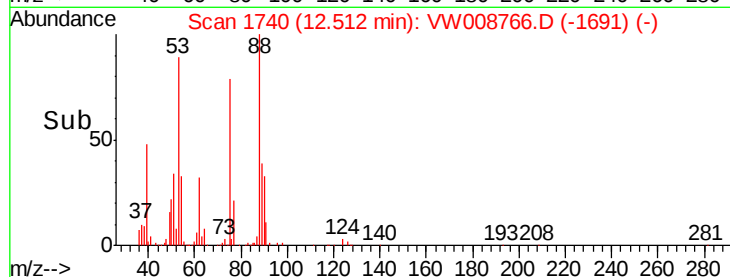
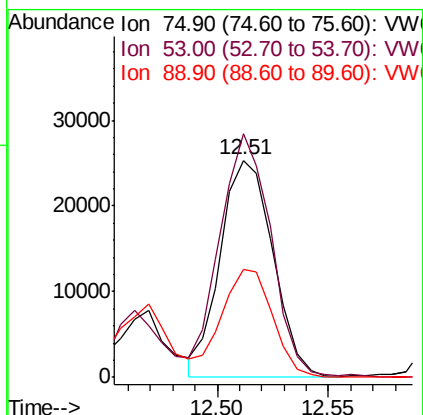
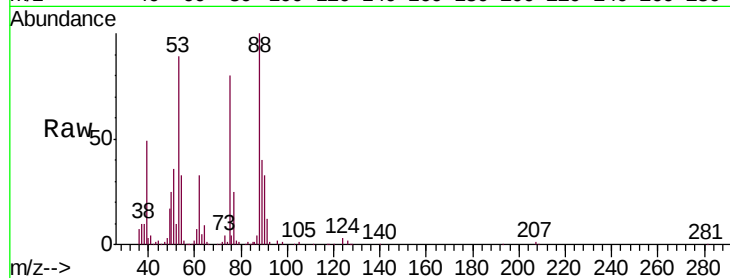
Tgt Ion: 75 Resp: 41261

Ion Ratio Lower Upper

75 100

53 110.2 88.2 132.2

89 49.4 39.5 59.3



#82

4-Chlorotoluene

Concen: 49.541 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW008766.D

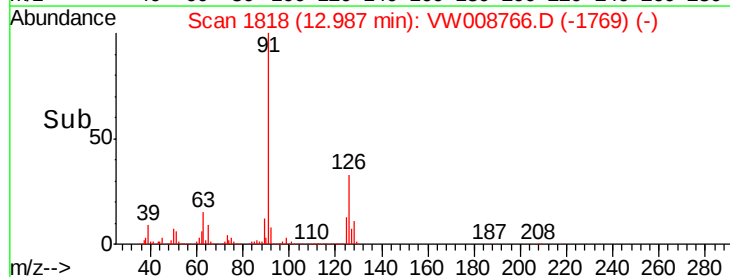
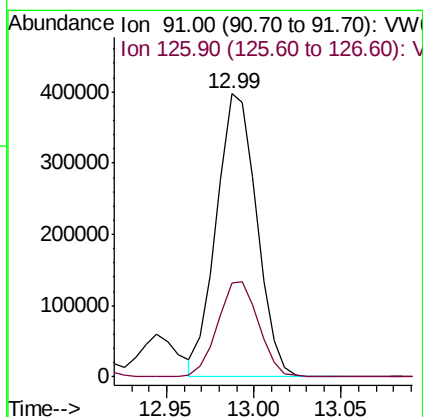
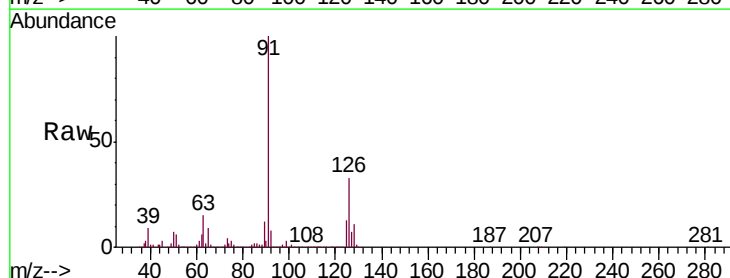
Acq: 21 Feb 2019 12:13

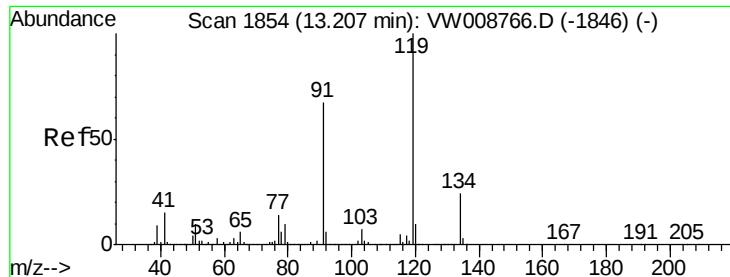
Tgt Ion: 91 Resp: 635822

Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.6

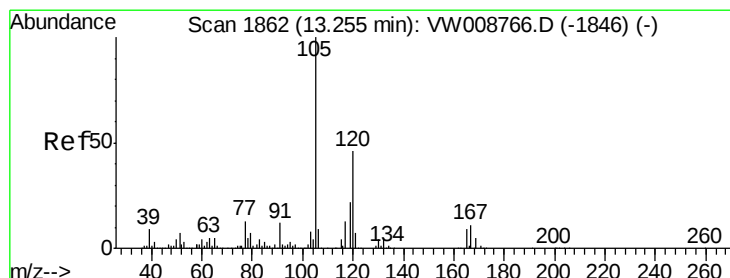
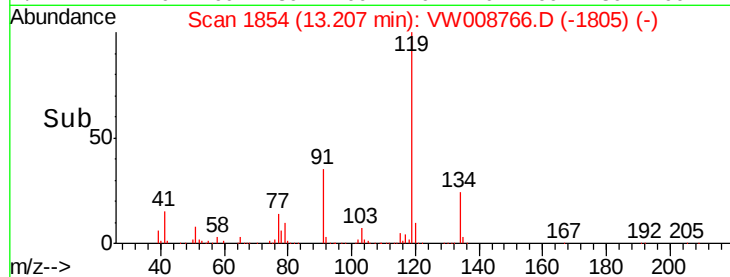
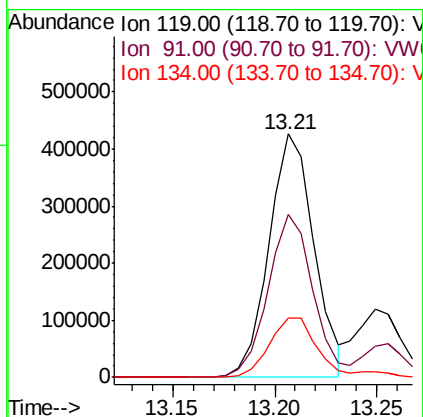
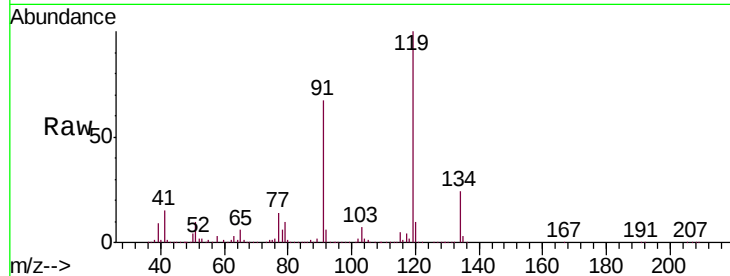




#83
 tert-Butylbenzene
 Concen: 49.896 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

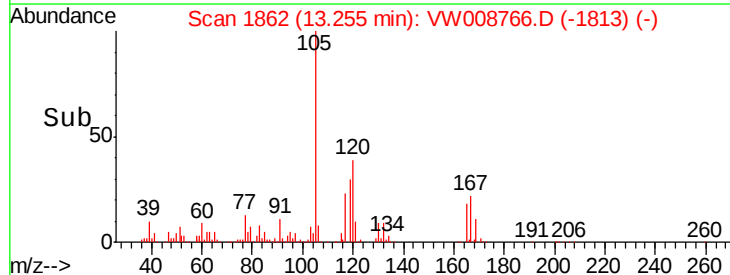
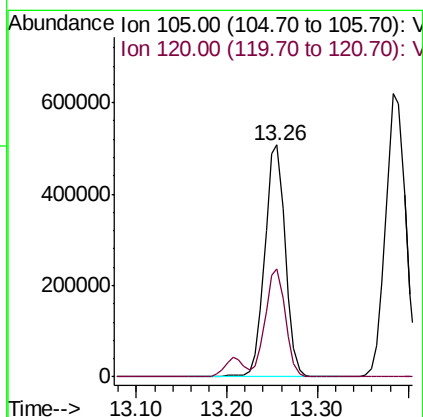
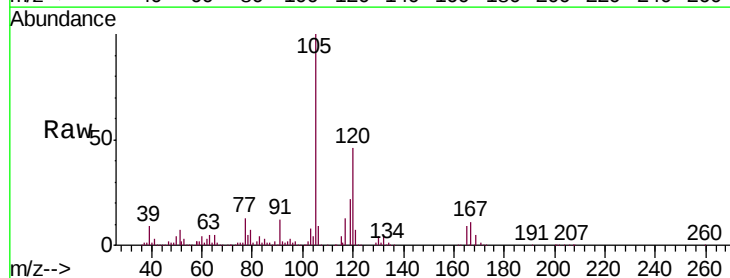
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

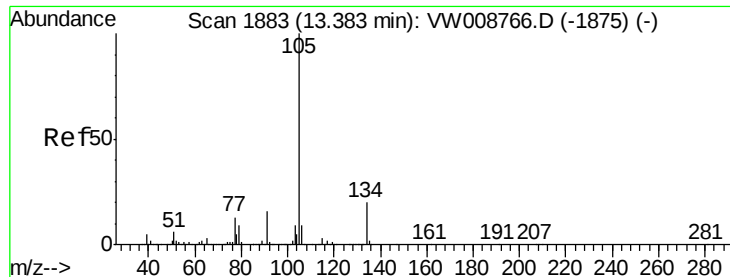
Tgt Ion:119 Resp: 657477
 Ion Ratio Lower Upper
 119 100
 91 67.2 33.6 100.8
 134 27.4 13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.168 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Tgt Ion:105 Resp: 791402
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.4

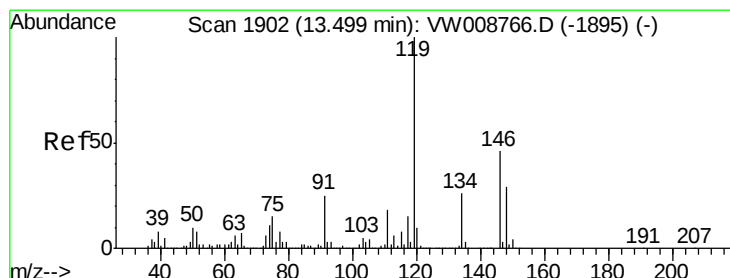
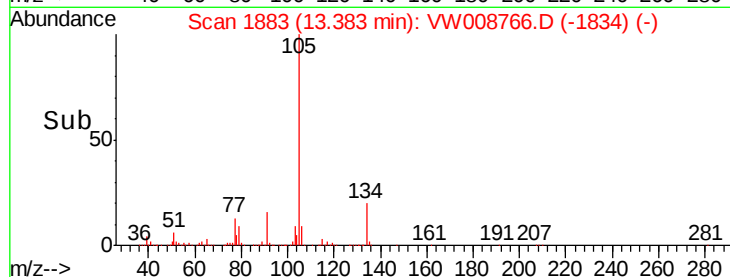
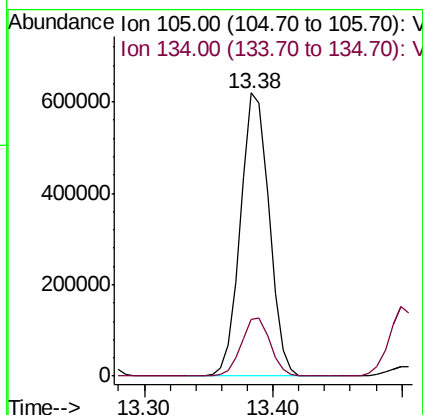
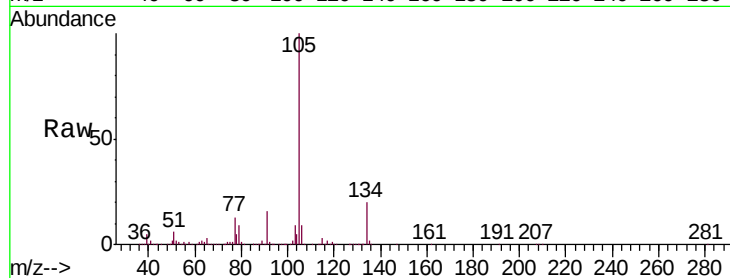




#85
 sec-Butylbenzene
 Concen: 50.236 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

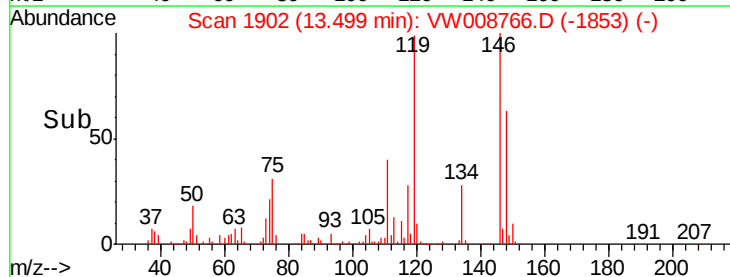
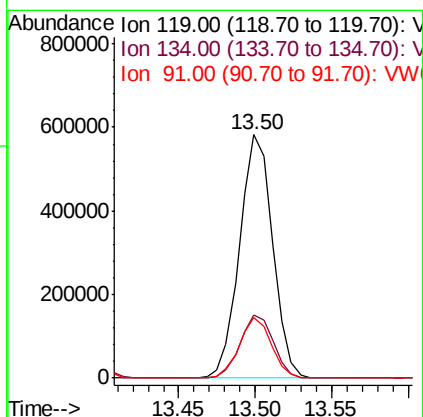
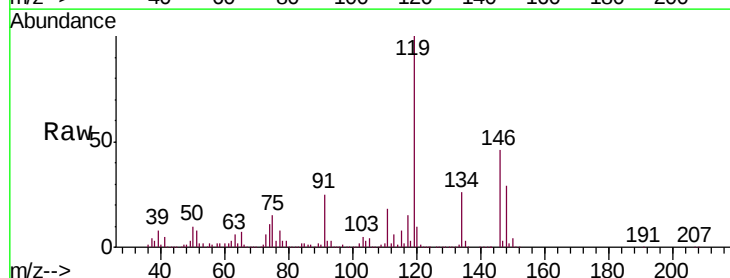
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

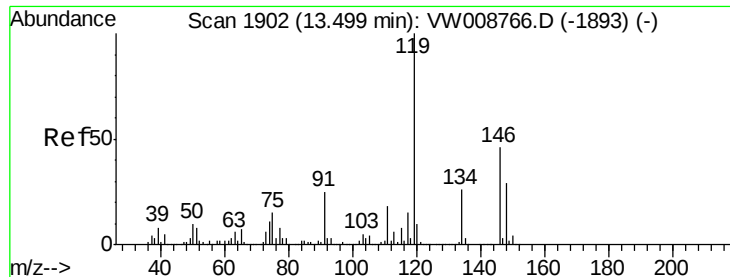
Tgt Ion:105 Resp: 951817
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 50.223 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Tgt Ion:119 Resp: 872351
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 24.2 12.1 36.3

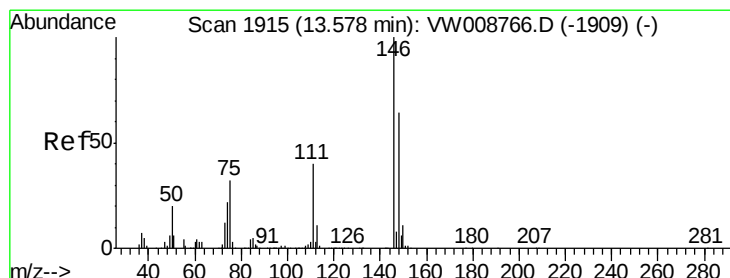
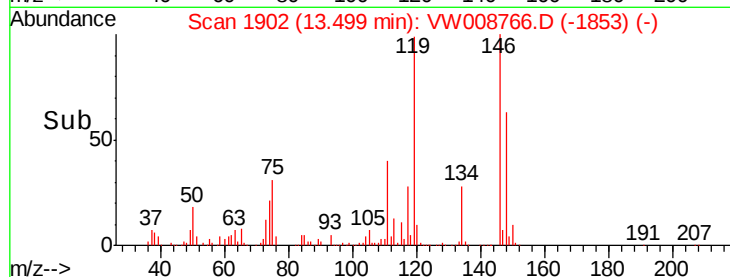
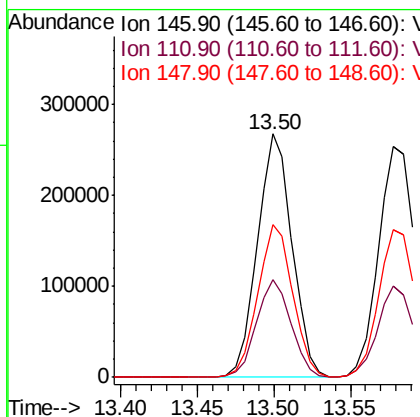
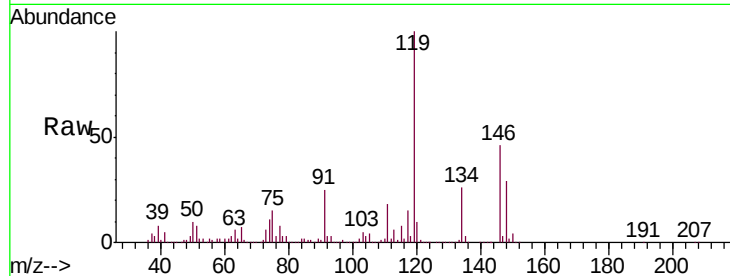




#87
 1,3-Dichlorobenzene
 Concen: 49.100 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

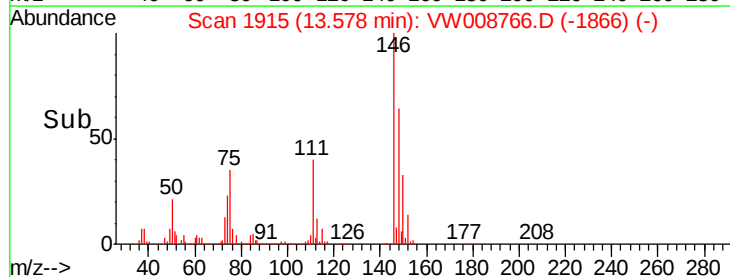
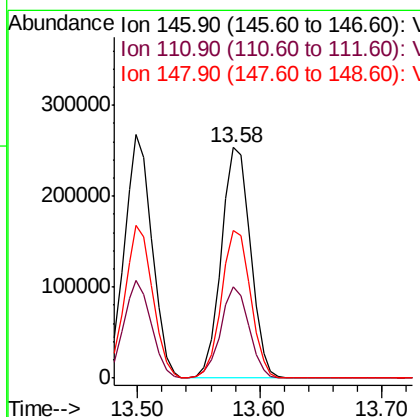
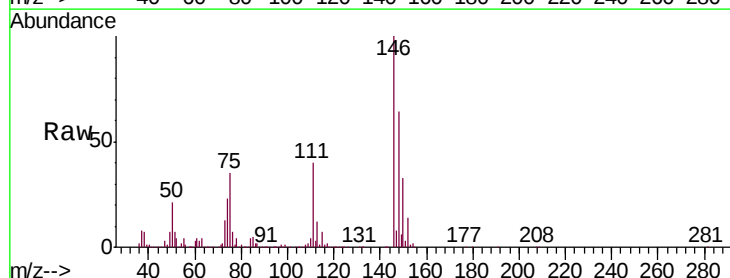
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

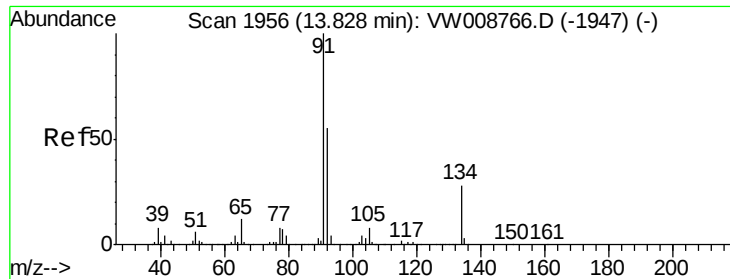
Tgt Ion:146 Resp: 422148
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.9 59.7
 148 63.2 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 49.324 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Tgt Ion:146 Resp: 417963
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.9
 148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 50.877 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008766.D

Acq: 21 Feb 2019 12:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

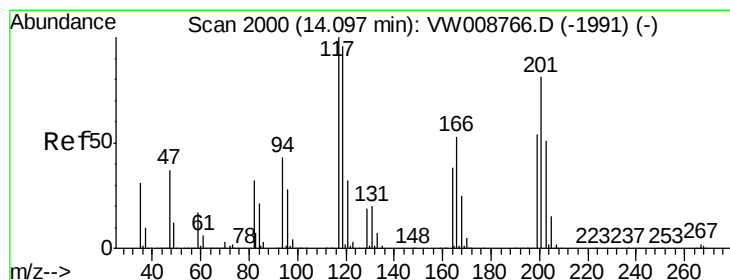
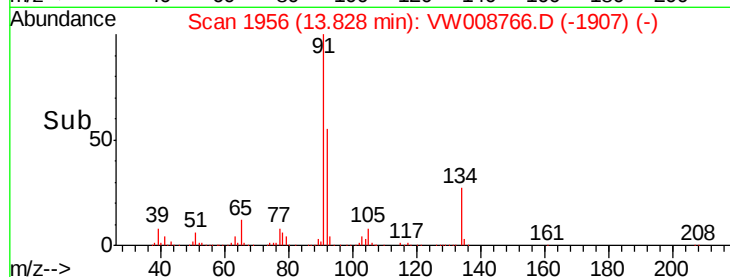
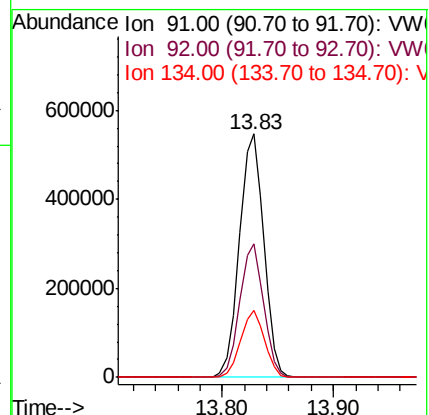
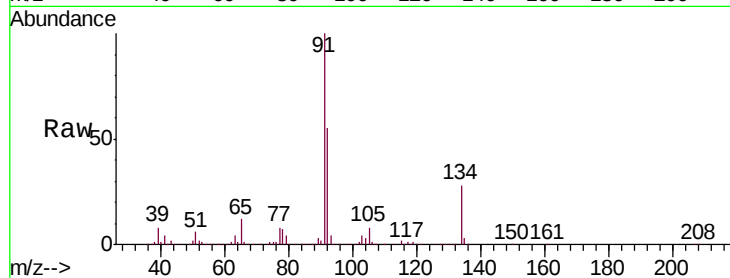
Tgt Ion: 91 Resp: 827890

Ion Ratio Lower Upper

91 100

92 53.6 26.8 80.4

134 26.9 13.5 40.4



#90

Hexachloroethane

Concen: 50.449 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008766.D

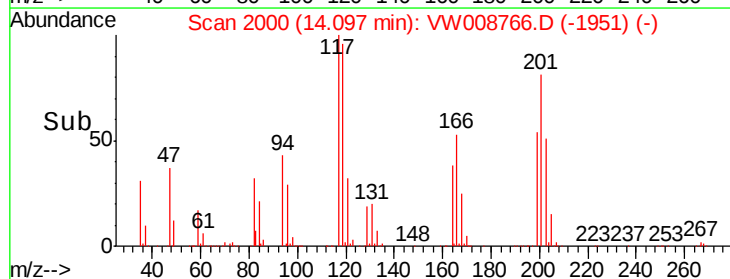
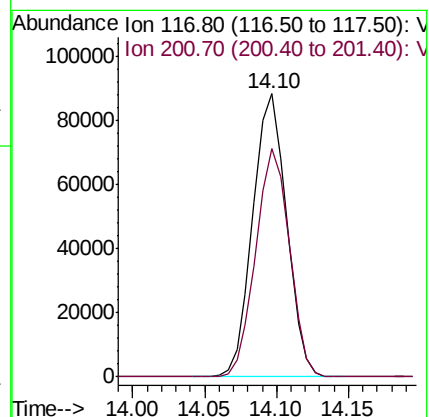
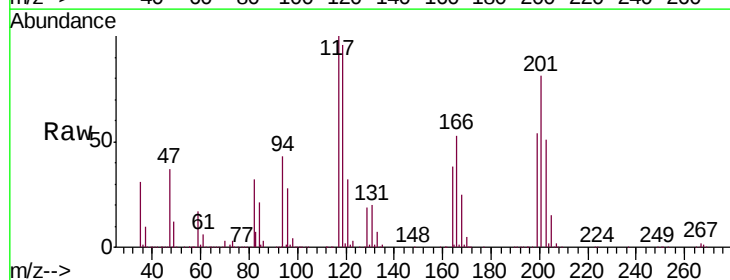
Acq: 21 Feb 2019 12:13

Tgt Ion: 117 Resp: 143450

Ion Ratio Lower Upper

117 100

201 80.5 40.3 120.8

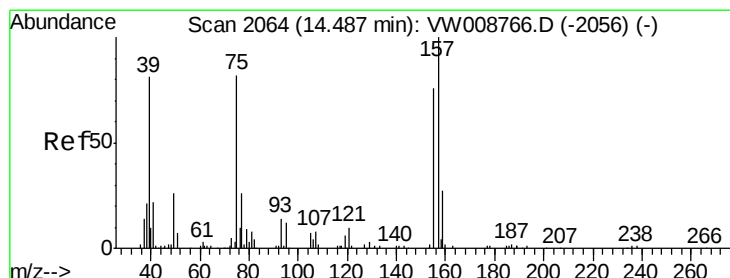
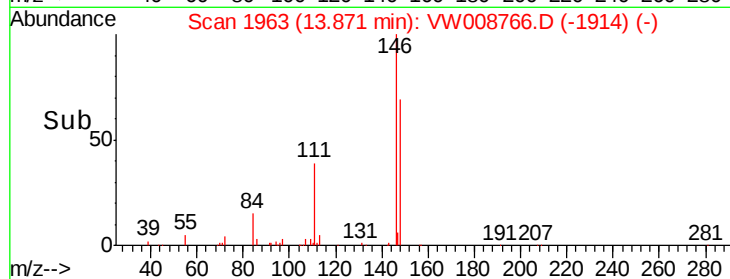
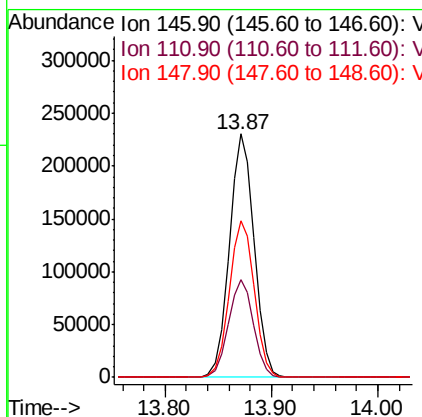
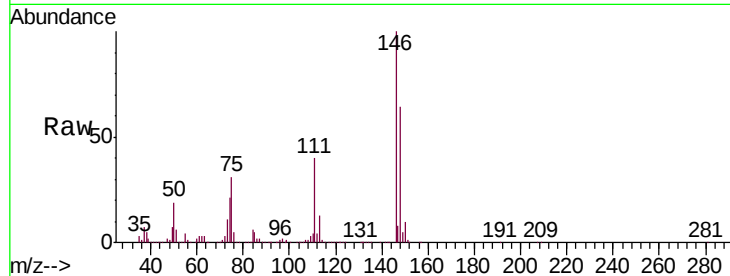




#91
 1,2-Dichlorobenzene
 Concen: 48.702 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

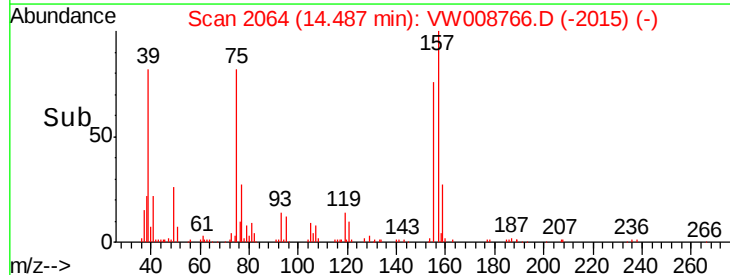
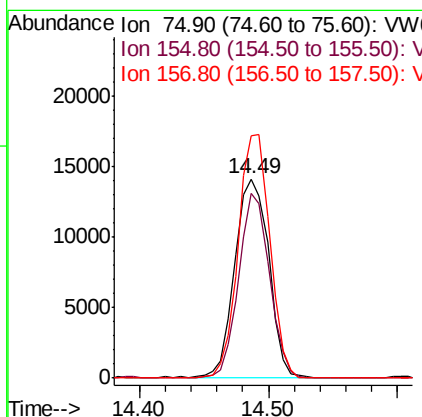
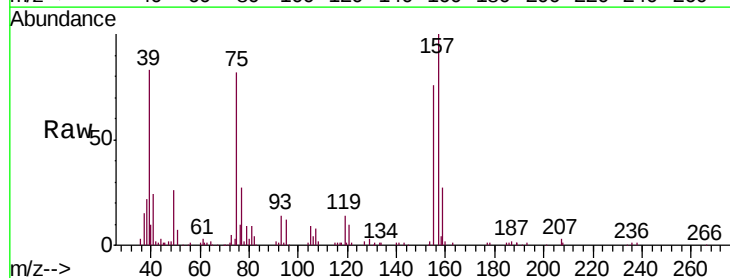
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

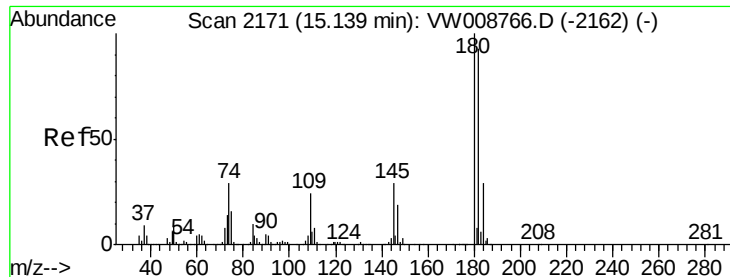
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.8
148	65.0	32.5	97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.826 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008766.D
 Acq: 21 Feb 2019 12:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.6	41.8	125.4
157	113.3	56.6	169.9

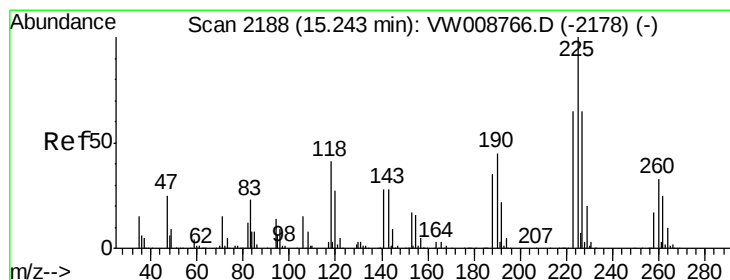
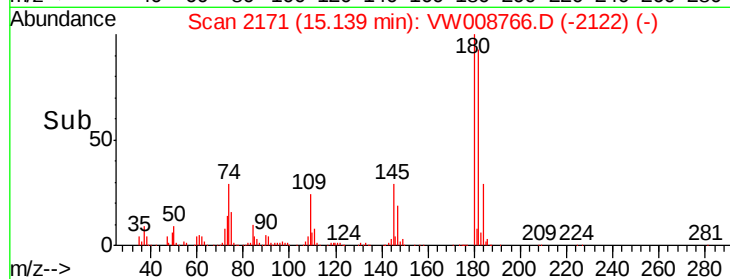
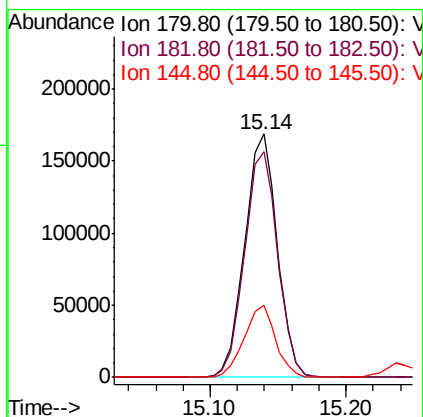
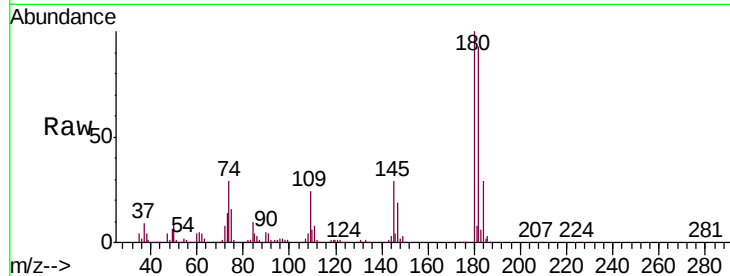




#93
1,2,4-Trichlorobenzene
Concen: 51.152 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

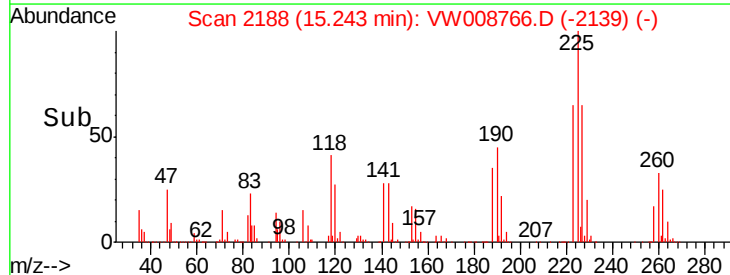
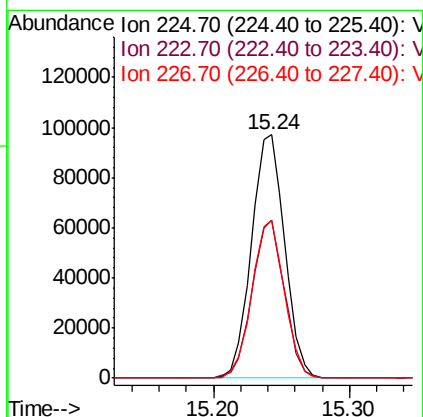
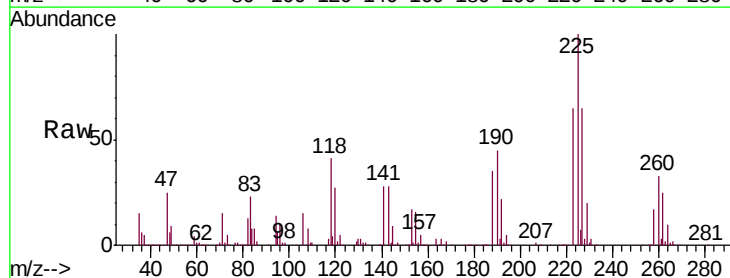
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

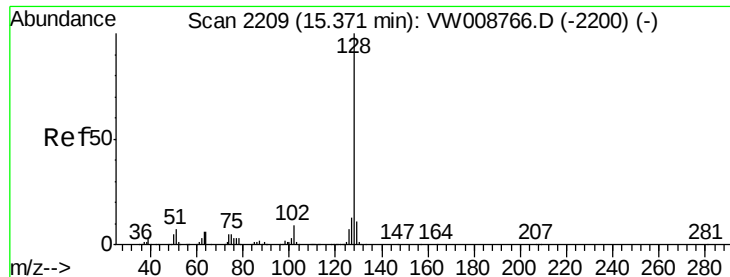
Tgt Ion:180 Resp: 282347
Ion Ratio Lower Upper
180 100
182 94.4 47.2 141.6
145 28.7 14.4 43.0



#94
Hexachlorobutadiene
Concen: 51.139 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Tgt Ion:225 Resp: 166270
Ion Ratio Lower Upper
225 100
223 63.0 31.5 94.5
227 63.2 31.6 94.8

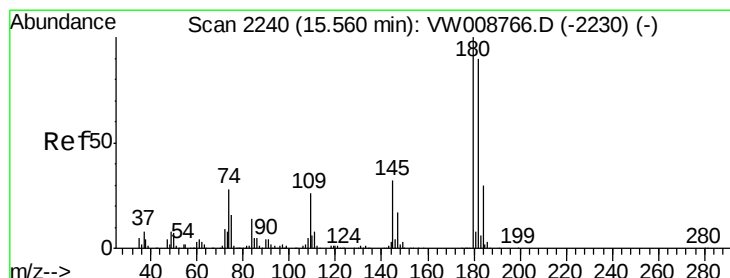
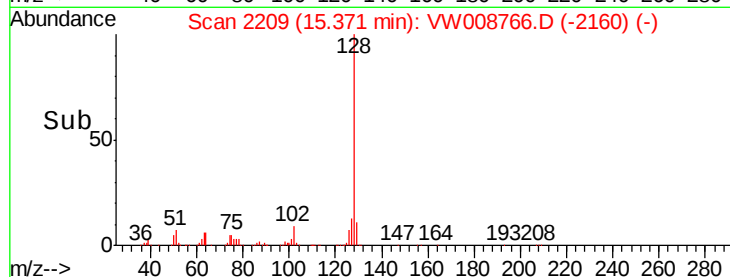
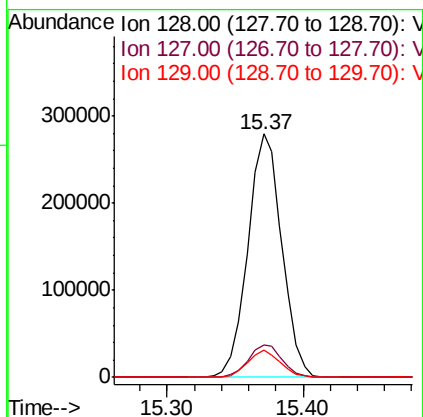
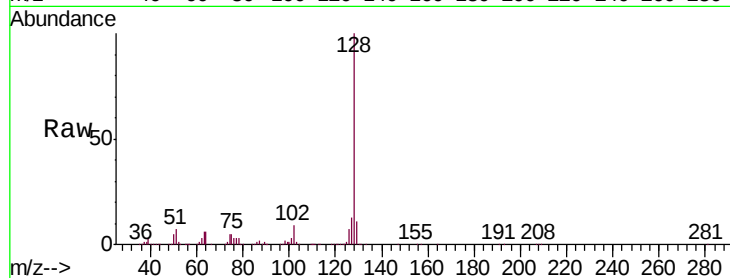




#95
Naphthalene
Concen: 51.832 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 487115
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.505 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008766.D
Acq: 21 Feb 2019 12:13

Tgt Ion:180 Resp: 245810
Ion Ratio Lower Upper
180 100
182 93.9 46.9 140.8
145 31.7 15.9 47.6

