

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121318\
 Data File : VW007410.D
 Acq On : 11 Dec 2018 23:11
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 12 05:05:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	82184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	137516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	124371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	42935	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
35) Dibromofluoromethane	7.88	113	40215	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	10.32	98	155279	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.62	95	59651	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24527	42.707	ug/l	93
3) Chloromethane	2.22	50	22444	46.662	ug/l	93
4) Vinyl Chloride	2.37	62	27064	47.948	ug/l	99
5) Bromomethane	2.78	94	18933	49.923	ug/l	93
6) Chloroethane	2.93	64	15203	48.930	ug/l	94
7) Trichlorofluoromethane	3.26	101	24594	48.464	ug/l	99
8) Diethyl Ether	3.68	74	19033	47.920	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	41784	49.901	ug/l	98
10) Methyl Iodide	4.27	142	70093	50.543	ug/l	98
11) Tert butyl alcohol	5.17	59	14863	237.356	ug/l	98
12) 1,1-Dichloroethene	4.03	96	41097	50.976	ug/l	96
13) Acrolein	3.89	56	11130	268.616	ug/l	100
14) Allyl chloride	4.66	41	59331	49.927	ug/l	99
15) Acrylonitrile	5.37	53	41027	245.031	ug/l	98
16) Acetone	4.12	43	39159	245.883	ug/l	98
17) Carbon Disulfide	4.37	76	122936	50.292	ug/l	99
18) Methyl Acetate	4.67	43	20954	48.477	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	61713	50.742	ug/l	98
20) Methylene Chloride	4.92	84	45311	52.199	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	46010	51.017	ug/l	99
22) Diisopropyl ether	6.31	45	116194	50.869	ug/l	94
23) Vinyl Acetate	6.26	43	326449	255.512	ug/l	100
24) 1,1-Dichloroethane	6.21	63	78005	50.528	ug/l	98
25) 2-Butanone	7.17	43	53017	254.997	ug/l	96
26) 2,2-Dichloropropane	7.16	77	51111	50.025	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	50320	50.957	ug/l	99
28) Bromochloromethane	7.51	49	27684	47.674	ug/l #	100
29) Tetrahydrofuran	7.53	42	32737	248.719	ug/l	98
30) Chloroform	7.67	83	84852	50.507	ug/l	99
31) Cyclohexane	7.95	56	66208	46.743	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	74405	50.503	ug/l	99
36) 1,1-Dichloropropene	8.08	75	64404	51.340	ug/l	99
37) Ethyl Acetate	7.25	43	22763	48.787	ug/l	99
38) Carbon Tetrachloride	8.07	117	71889	52.667	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121318\
 Data File : VW007410.D
 Acq On : 11 Dec 2018 23:11
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 12 05:05:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80055	52.701	ug/l	94
40) Benzene	8.32	78	181404	52.107	ug/l	99
41) Methacrylonitrile	7.48	41	13675	51.468	ug/l	97
42) 1,2-Dichloroethane	8.40	62	56792	51.931	ug/l	99
43) Isopropyl Acetate	8.43	43	47344	51.369	ug/l	99
44) Trichloroethene	9.09	130	52078	52.385	ug/l	96
45) 1,2-Dichloropropane	9.37	63	43126	53.531	ug/l	98
46) Dibromomethane	9.46	93	23704	51.811	ug/l	98
47) Bromodichloromethane	9.65	83	62898	52.413	ug/l	91
48) Methyl methacrylate	9.43	41	23101	48.804	ug/l	93
49) 1,4-Dioxane	9.45	88	7909	1065.424	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	115363	264.913	ug/l	100
52) Toluene	10.39	92	120010	53.268	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	62816	53.918	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	71569	53.140	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	33411	53.658	ug/l	94
56) Ethyl methacrylate	10.65	69	39677	53.014	ug/l	98
57) 1,3-Dichloropropane	10.93	76	56450	55.234	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	91610	265.435	ug/l	100
59) 2-Hexanone	10.97	43	81132	279.404	ug/l	100
60) Dibromochloromethane	11.13	129	44300	56.376	ug/l	99
61) 1,2-Dibromoethane	11.24	107	33764	54.871	ug/l	96
64) Tetrachloroethene	10.86	164	44358	49.596	ug/l	94
65) Chlorobenzene	11.66	112	134777	51.992	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	47836	52.394	ug/l	99
67) Ethyl Benzene	11.73	91	236885	53.151	ug/l	91
68) m/p-Xylenes	11.84	106	183212	105.742	ug/l	99
69) o-Xylene	12.17	106	86557	53.491	ug/l	99
70) Styrene	12.18	104	143781	55.011	ug/l	97
71) Bromoform	12.35	173	23878	51.096	ug/l #	97
73) Isopropylbenzene	12.47	105	241053	51.532	ug/l	98
74) N-amyl acetate	12.27	43	44565	52.421	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	36280	52.365	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	50907	101.135	ug/l #	1
77) Bromobenzene	12.75	156	54576	52.635	ug/l	96
78) n-propylbenzene	12.81	91	281461	53.465	ug/l	100
79) 2-Chlorotoluene	12.90	91	164394	51.609	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	206927	52.647	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11415	50.095	ug/l	95
82) 4-Chlorotoluene	12.99	91	172319	51.321	ug/l	97
83) tert-Butylbenzene	13.21	119	181590	52.433	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	211674	52.335	ug/l	98
85) sec-Butylbenzene	13.39	105	248913	52.649	ug/l	96
86) p-Isopropyltoluene	13.51	119	220733	51.970	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	107494	51.997	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	108960	52.427	ug/l	97
89) n-Butylbenzene	13.83	91	206604	52.471	ug/l	98
90) Hexachloroethane	14.10	117	40330	53.366	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	96521	52.128	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6909	49.692	ug/l	96

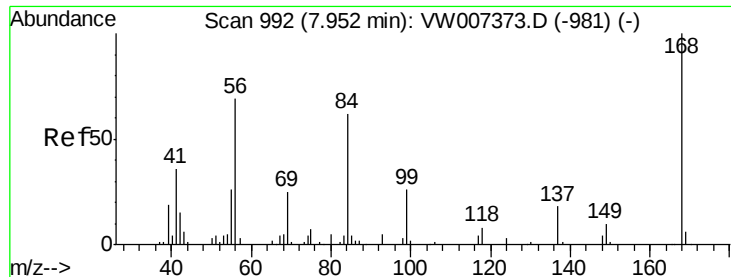
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121318\
Data File : VW007410.D
Acq On : 11 Dec 2018 23:11
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Dec 12 05:05:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	66475	52.168	ug/l	95
94) Hexachlorobutadiene	15.24	225	34485	51.005	ug/l	99
95) Naphthalene	15.38	128	128309	52.635	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	58666	52.999	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

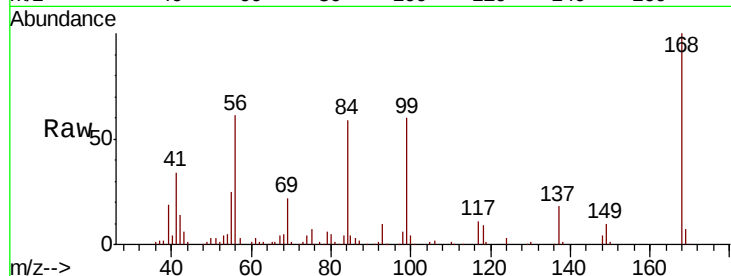
VSTDCCC050

Tgt Ion:168 Resp: 82184

Ion Ratio Lower Upper

168 100

99 60.4 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

20000

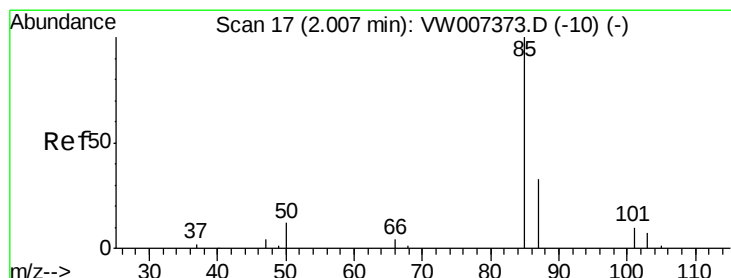
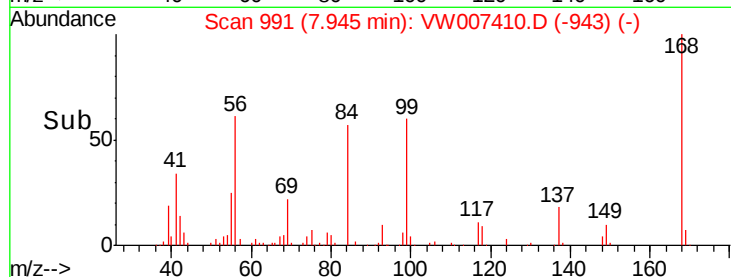
10000

0

Time-->

7.90

8.00



#2

Dichlorodifluoromethane

Concen: 42.707 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007410.D

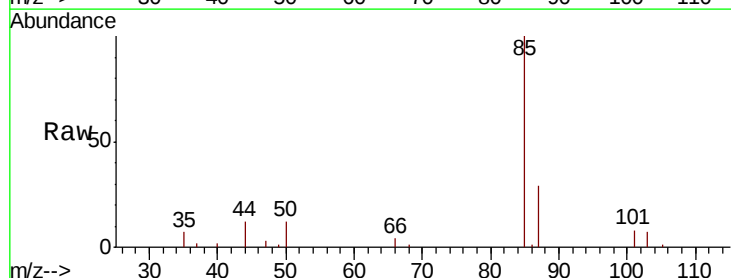
Acq: 11 Dec 2018 23:11

Tgt Ion: 85 Resp: 24527

Ion Ratio Lower Upper

85 100

87 29.4 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

4000

2000

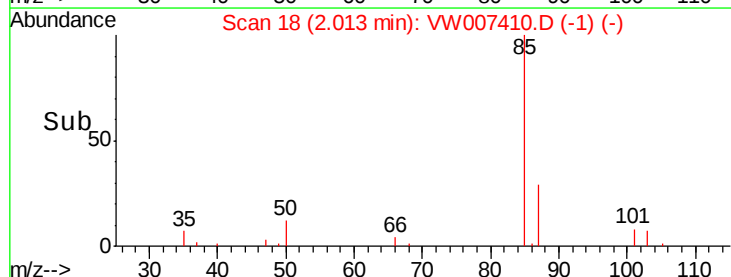
0

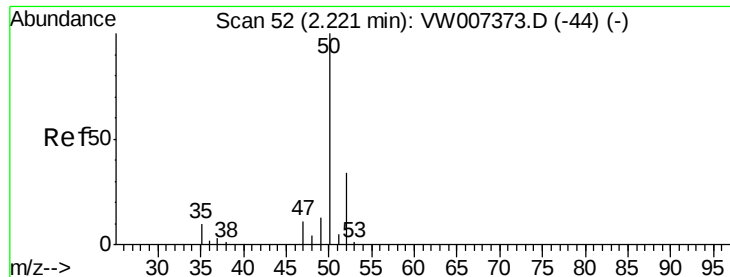
Time-->

1.90

2.00

2.10





#3

Chloromethane

Concen: 46.662 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

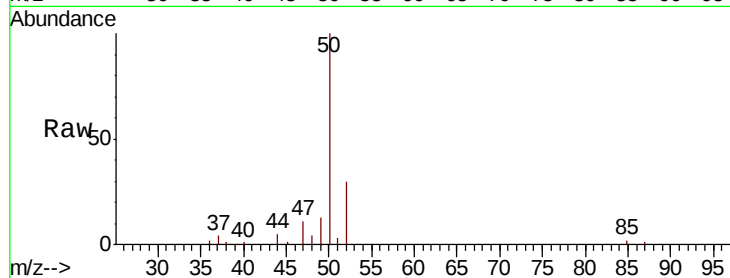
VSTDCCC050

Tgt Ion: 50 Resp: 22444

Ion Ratio Lower Upper

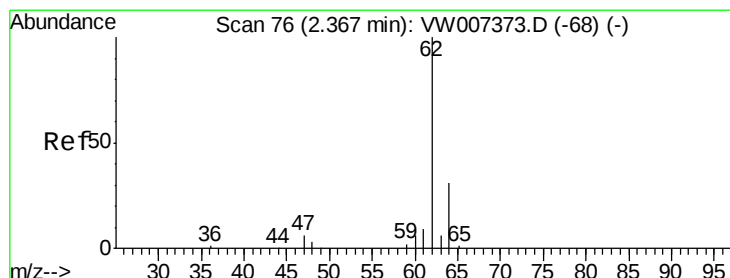
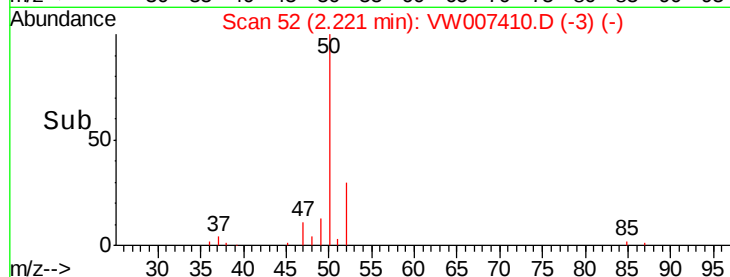
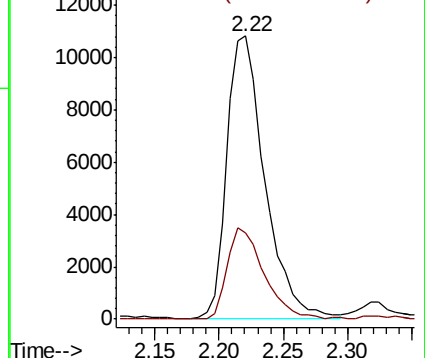
50 100

52 30.4 27.4 41.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 47.948 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007410.D

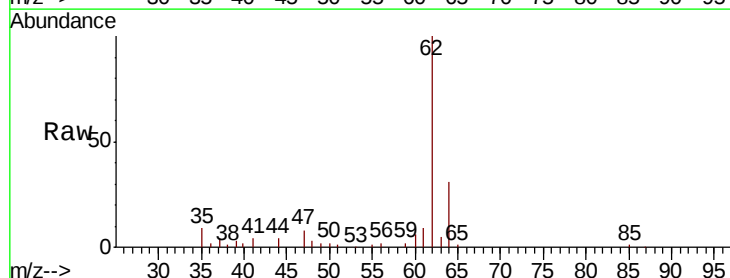
Acq: 11 Dec 2018 23:11

Tgt Ion: 62 Resp: 27064

Ion Ratio Lower Upper

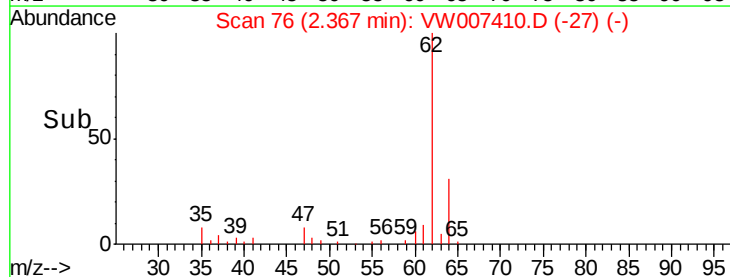
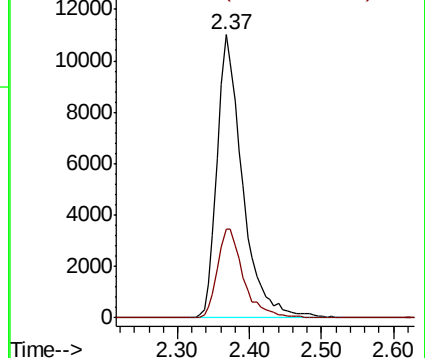
62 100

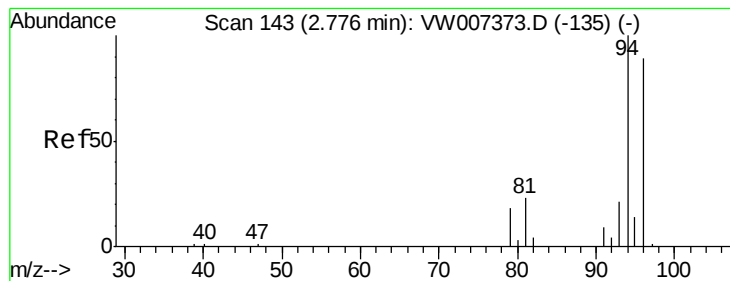
64 31.4 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 49.923 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

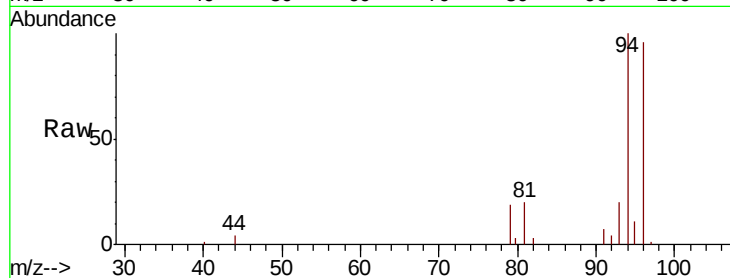
VSTDCCC050

Tgt Ion: 94 Resp: 18933

Ion Ratio Lower Upper

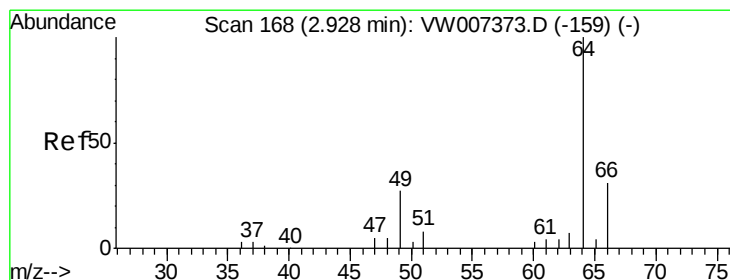
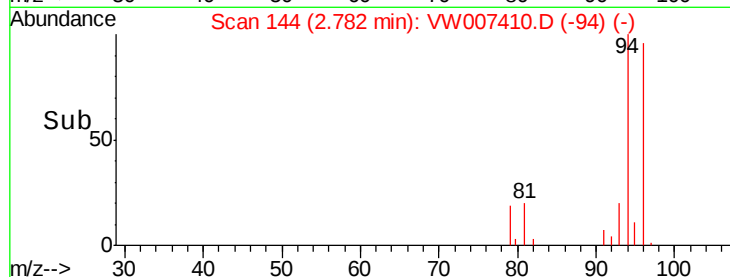
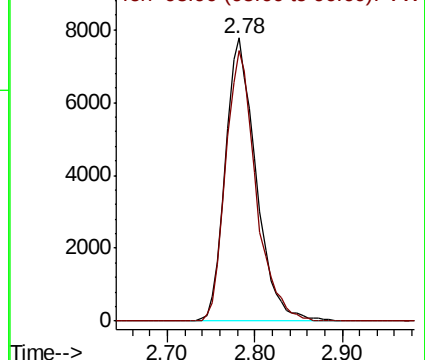
94 100

96 95.6 71.0 106.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 48.930 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007410.D

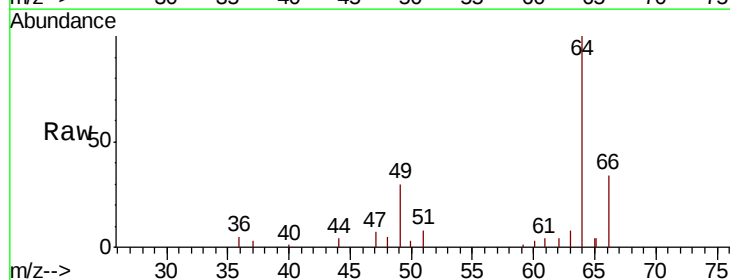
Acq: 11 Dec 2018 23:11

Tgt Ion: 64 Resp: 15203

Ion Ratio Lower Upper

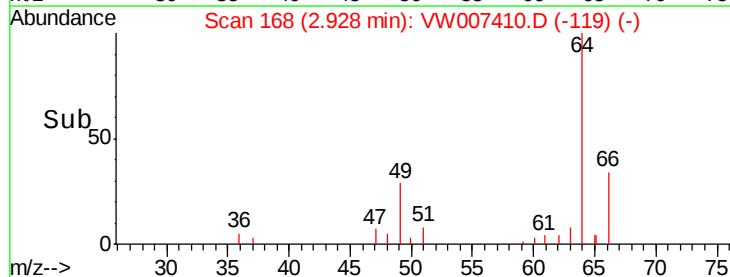
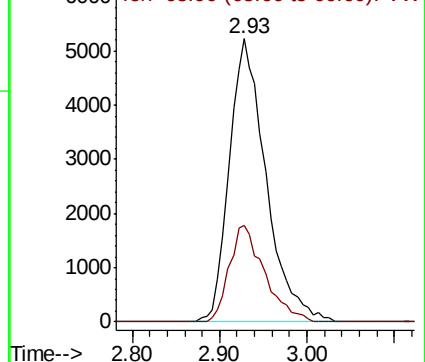
64 100

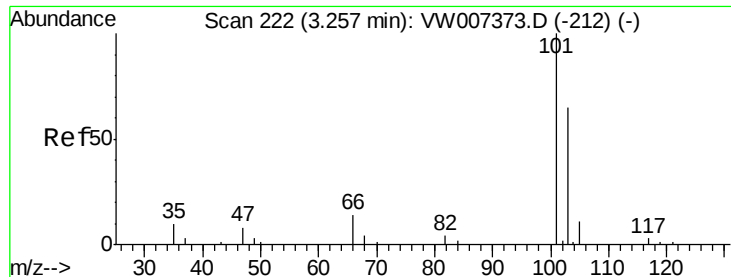
66 34.2 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



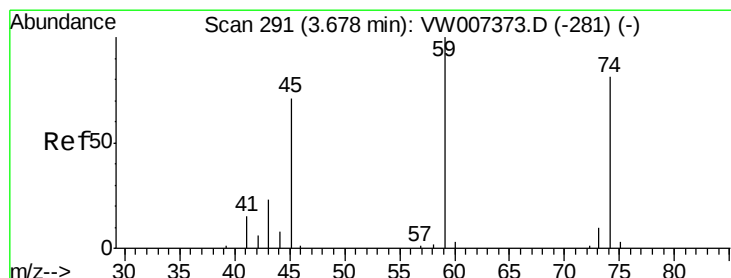
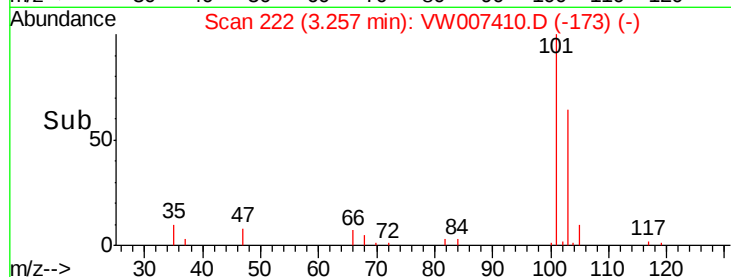
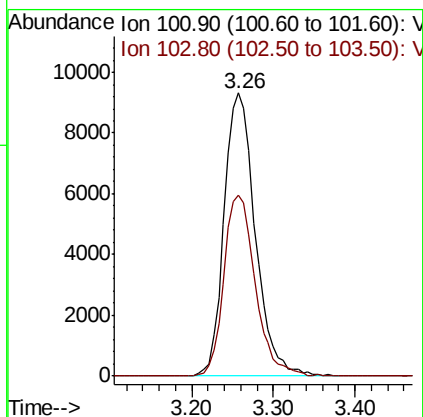
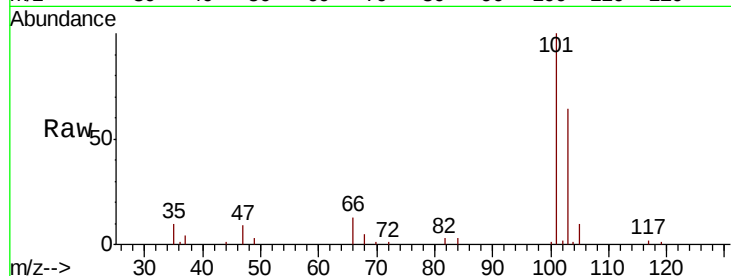


#7

Trichlorofluoromethane
Concen: 48.464 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

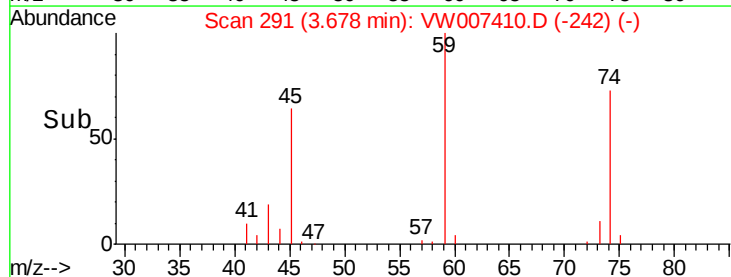
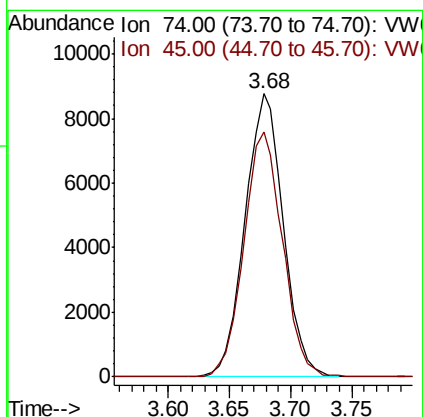
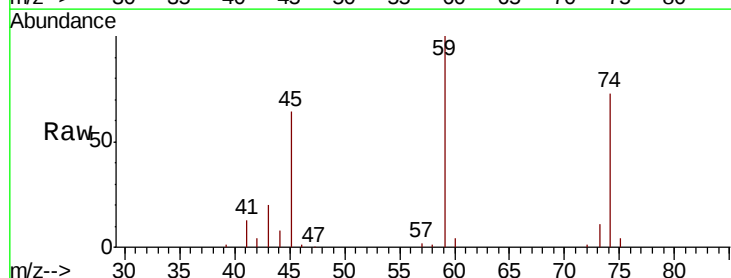
Tgt Ion: 101 Resp: 24594
Ion Ratio Lower Upper
101 100
103 63.8 51.7 77.5

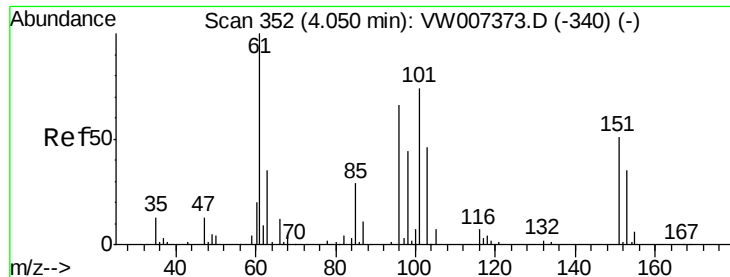


#8

Diethyl Ether
Concen: 47.920 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion: 74 Resp: 19033
Ion Ratio Lower Upper
74 100
45 87.6 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.901 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

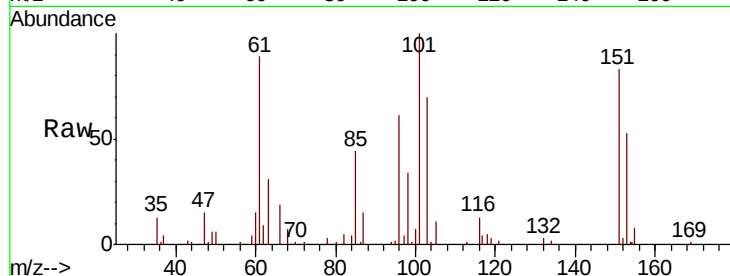
Tgt Ion:101 Resp: 41784

Ion Ratio Lower Upper

101 100

85 43.9 33.9 50.9

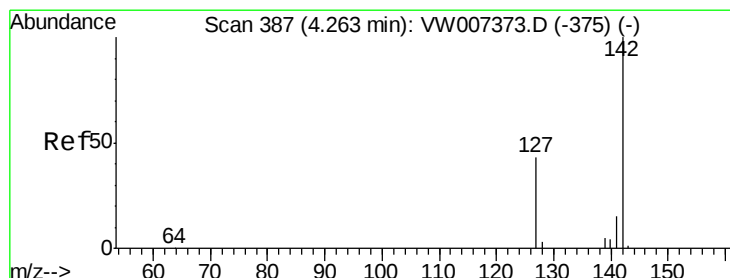
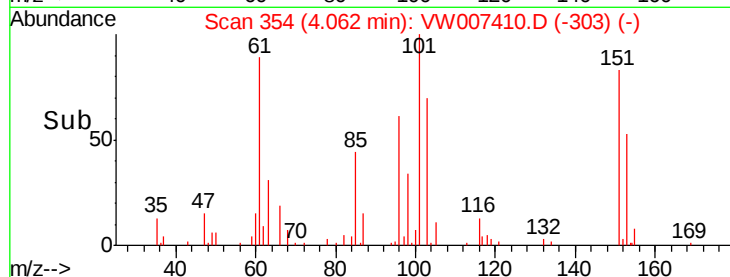
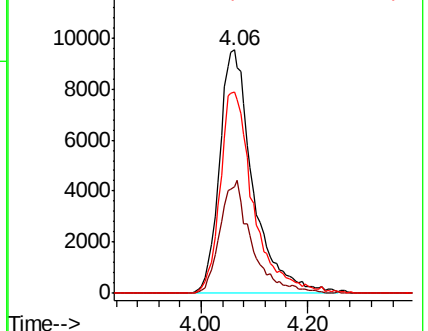
151 81.5 63.7 95.5



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: 50.543 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

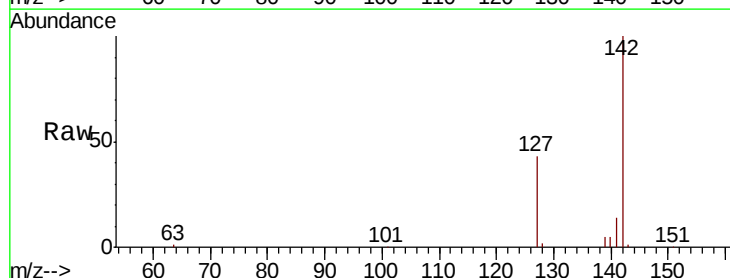
Tgt Ion:142 Resp: 70093

Ion Ratio Lower Upper

142 100

127 45.9 35.8 53.6

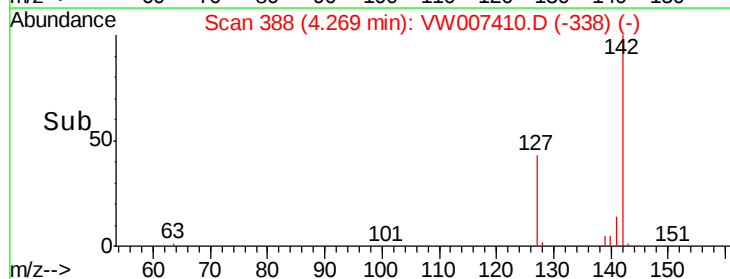
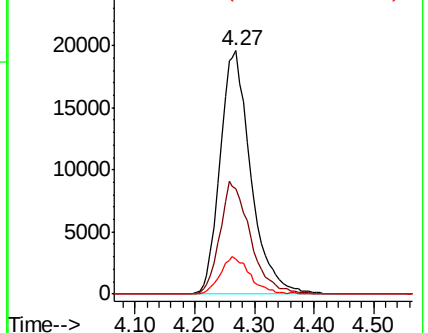
141 14.9 11.1 16.7

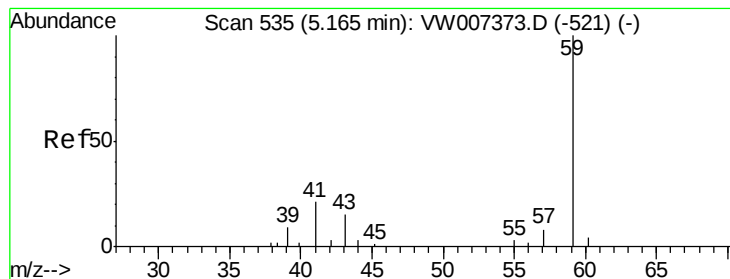


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



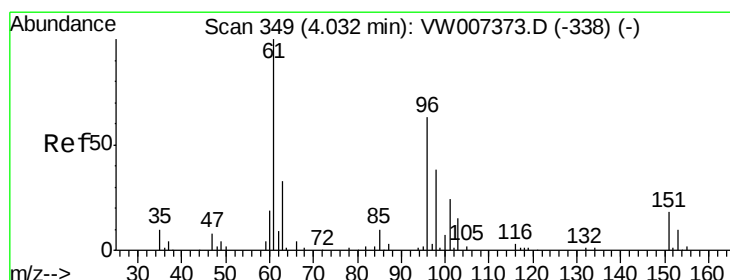
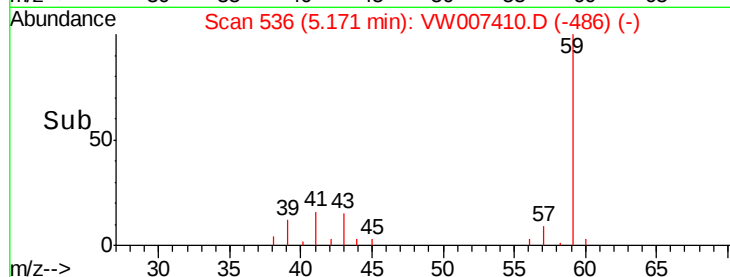
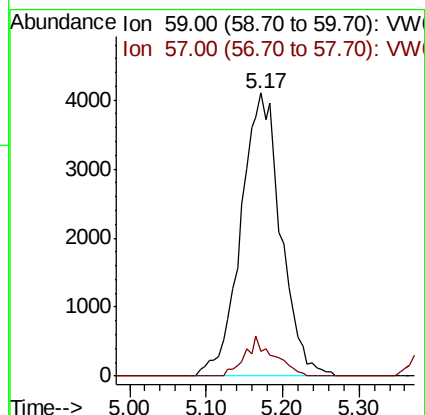
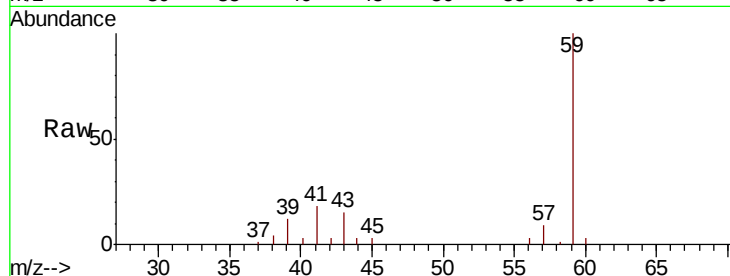


#11

Tert butyl alcohol
Concen: 237.356 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

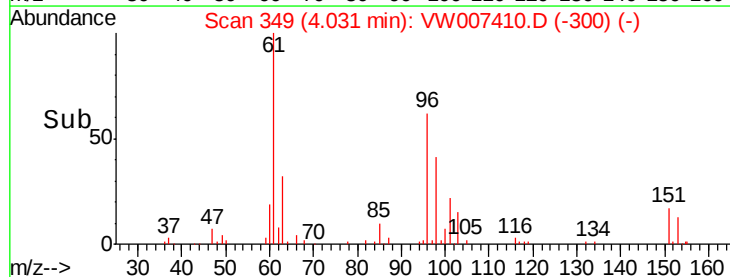
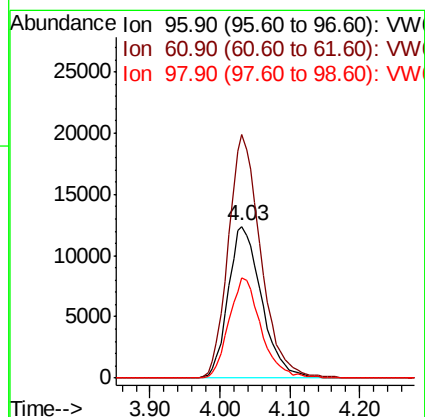
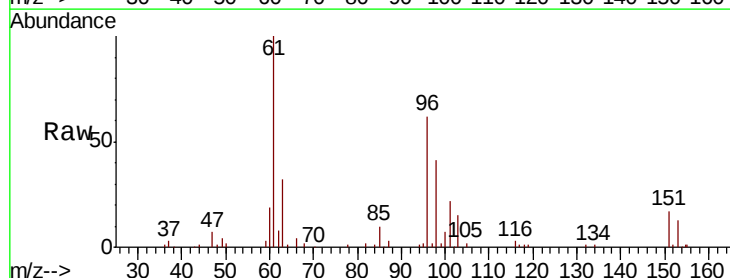
Tgt Ion: 59 Resp: 14863
Ion Ratio Lower Upper
59 100
57 10.1 7.6 11.4

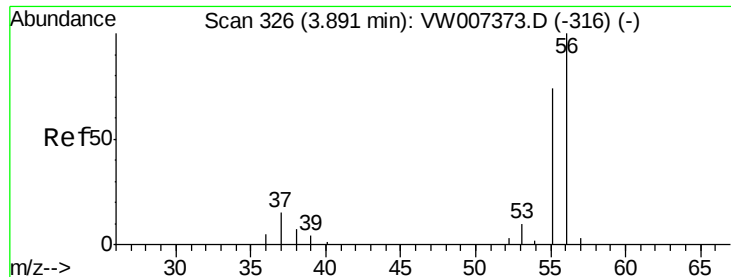


#12

1,1-Dichloroethene
Concen: 50.976 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion: 96 Resp: 41097
Ion Ratio Lower Upper
96 100
61 160.5 126.2 189.2
98 66.4 48.3 72.5

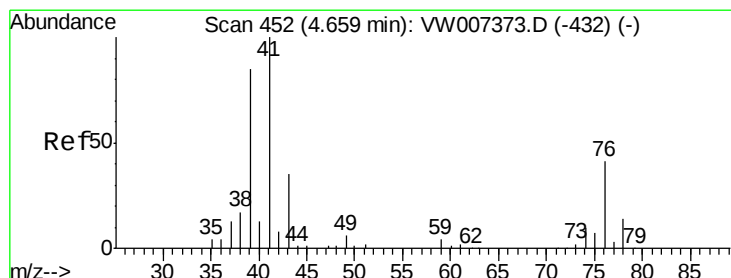
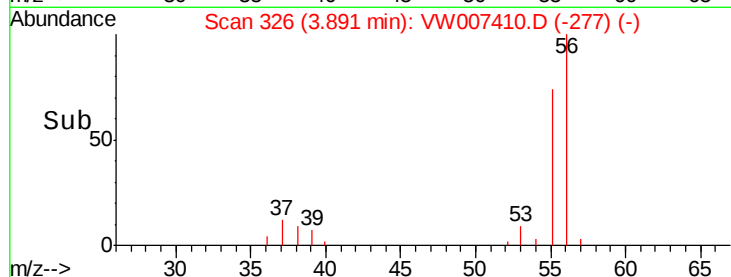
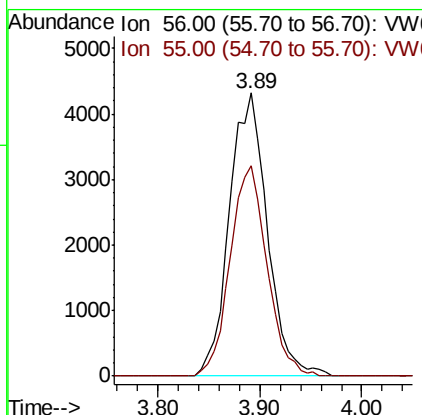
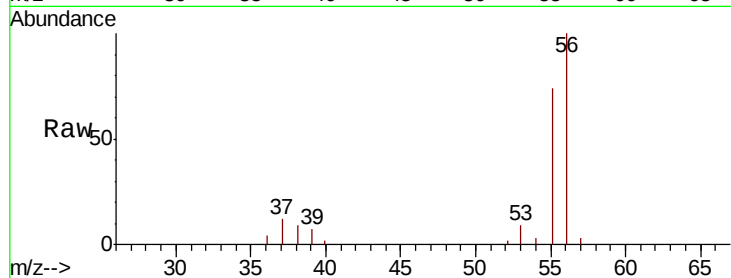




#13
 Acrolein
 Concen: 268.616 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

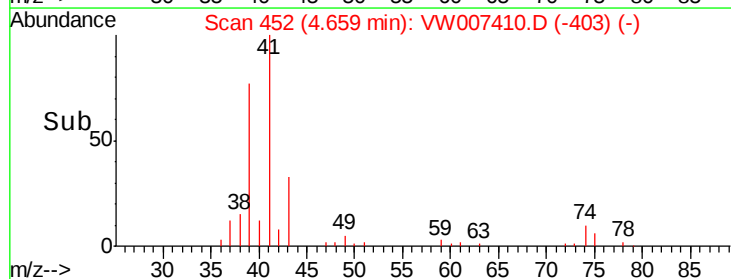
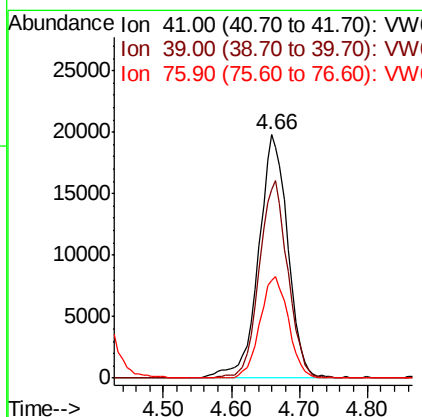
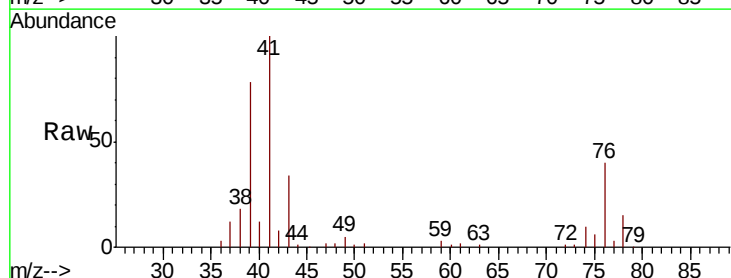
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

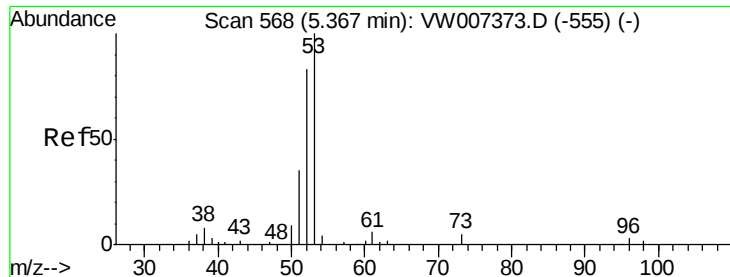
Tgt Ion: 56 Resp: 11130
 Ion Ratio Lower Upper
 56 100
 55 72.1 57.4 86.2



#14
 Allyl chloride
 Concen: 49.927 ug/l
 RT: 4.66 min Scan# 452
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion: 41 Resp: 59331
 Ion Ratio Lower Upper
 41 100
 39 79.5 63.4 95.2
 76 40.7 32.1 48.1





#15

Acrylonitrile

Concen: 245.031 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

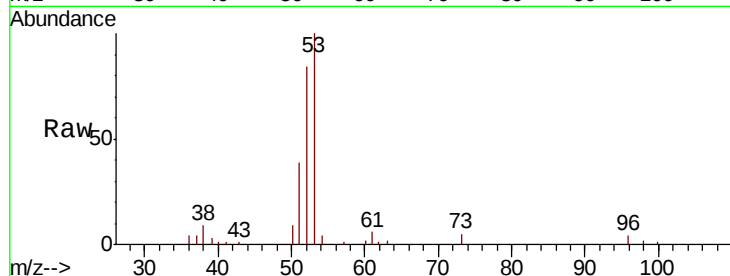
Tgt Ion: 53 Resp: 41027

Ion Ratio Lower Upper

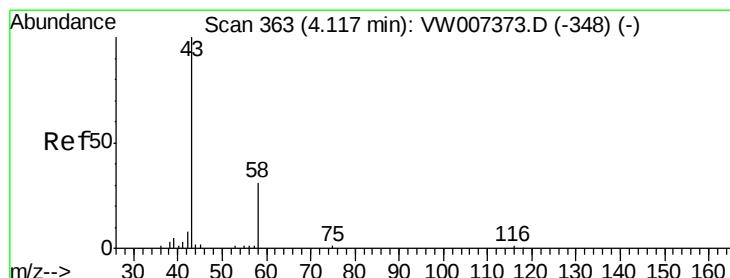
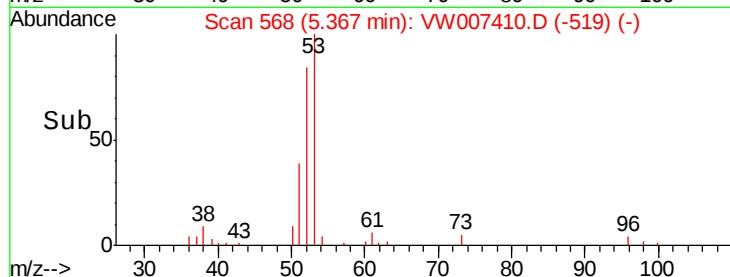
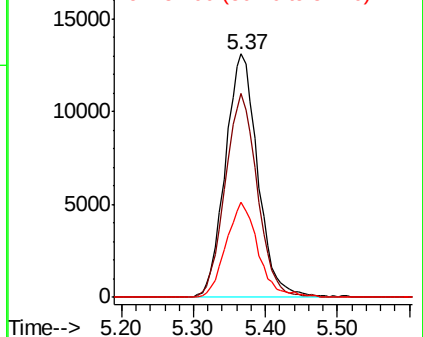
53 100

52 82.8 67.4 101.2

51 38.6 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 245.883 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007410.D

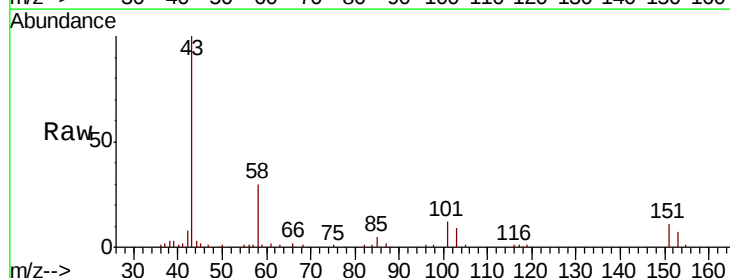
Acq: 11 Dec 2018 23:11

Tgt Ion: 43 Resp: 39159

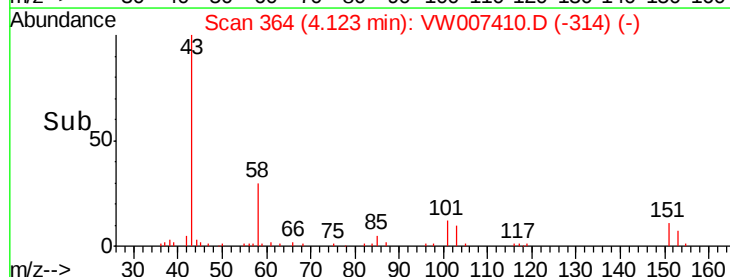
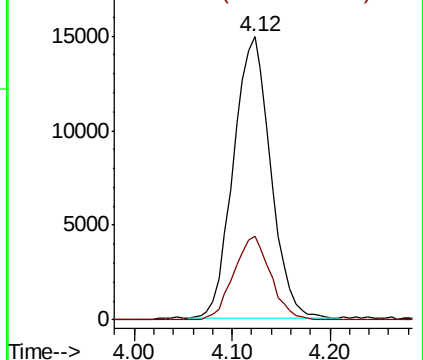
Ion Ratio Lower Upper

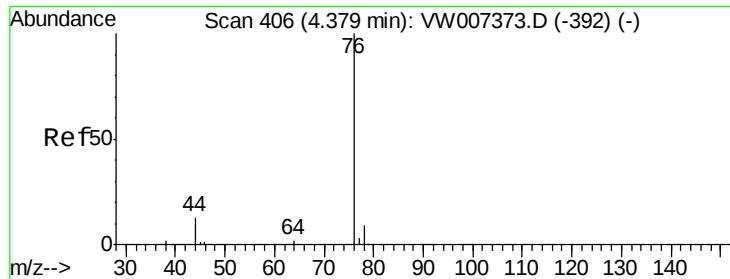
43 100

58 29.8 24.9 37.3



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

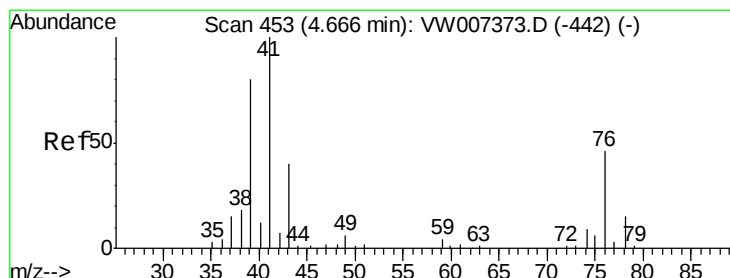
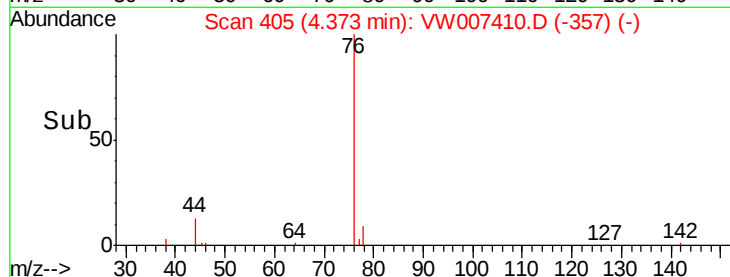
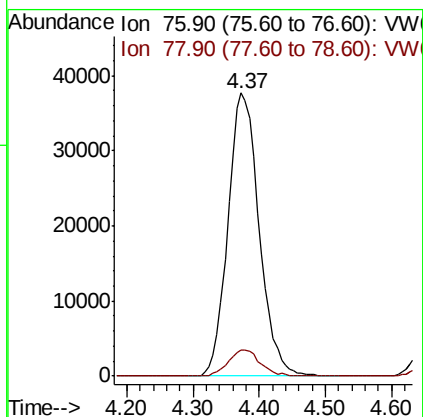
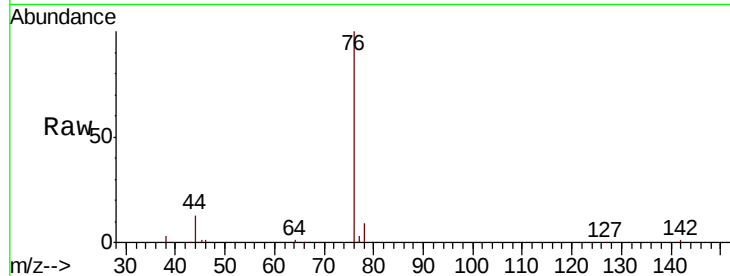




#17
Carbon Disulfide
Concen: 50.292 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

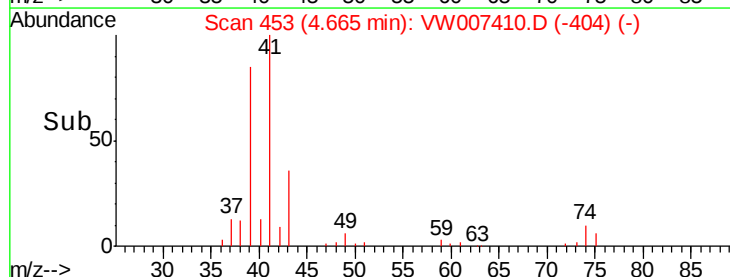
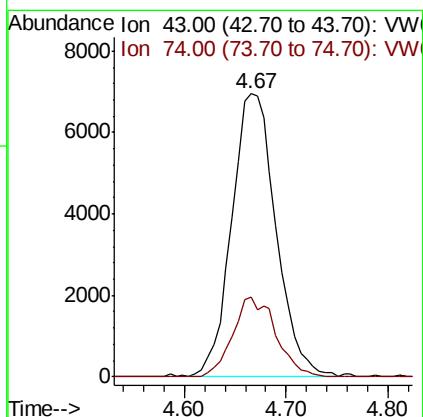
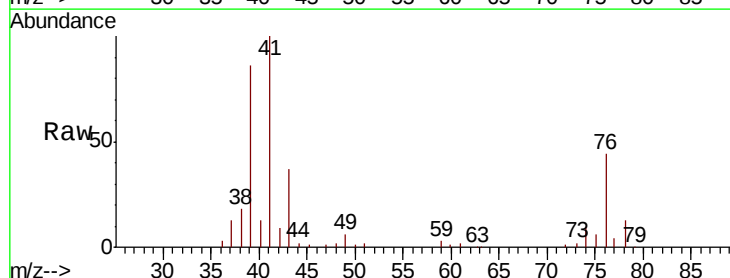
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

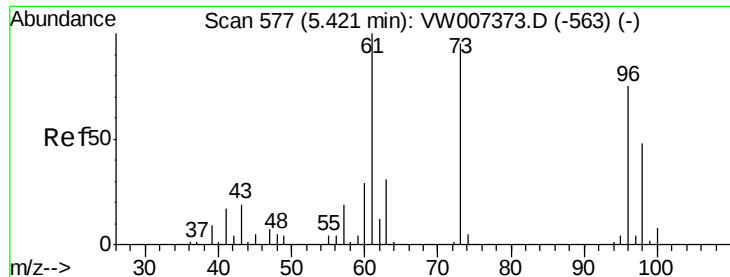
Tgt Ion: 76 Resp: 122936
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 48.477 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion: 43 Resp: 20954
Ion Ratio Lower Upper
43 100
74 27.3 21.1 31.7

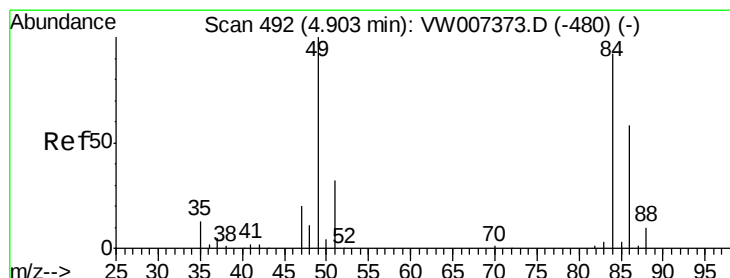
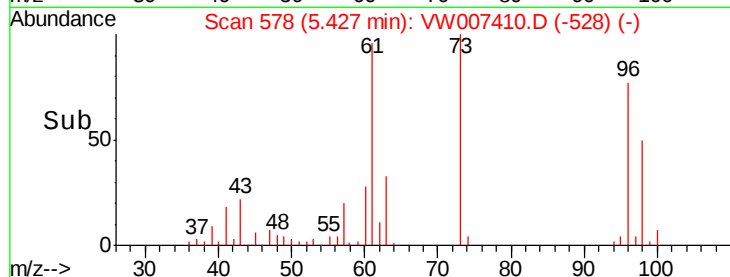
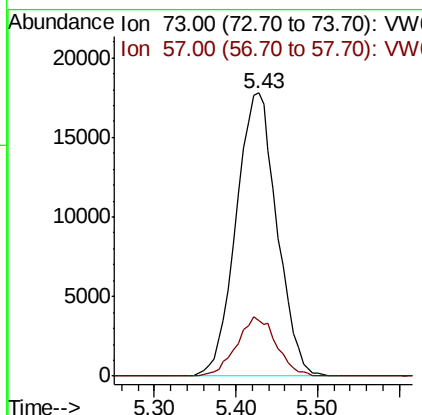
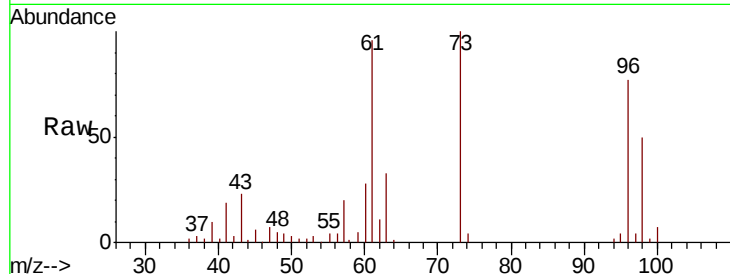




#19
Methyl tert-butyl Ether
Concen: 50.742 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

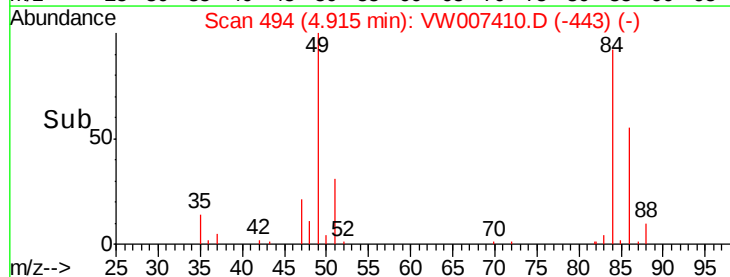
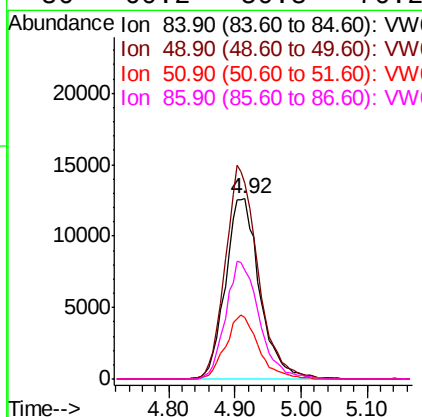
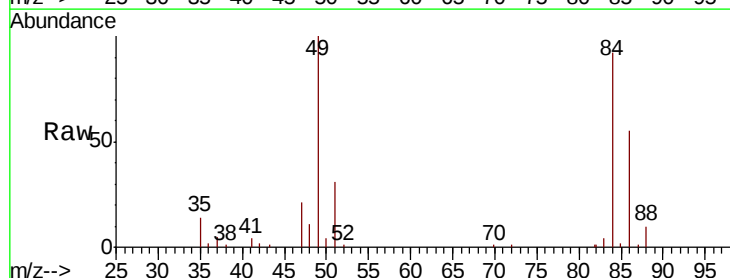
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

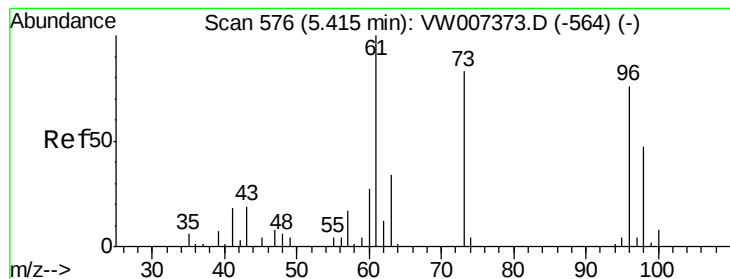
Tgt Ion: 73 Resp: 61713
Ion Ratio Lower Upper
73 100
57 19.5 16.4 24.6



#20
Methylene Chloride
Concen: 52.199 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion: 84 Resp: 45311
Ion Ratio Lower Upper
84 100
49 108.9 87.1 130.7
51 34.3 28.2 42.2
86 60.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 51.017 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

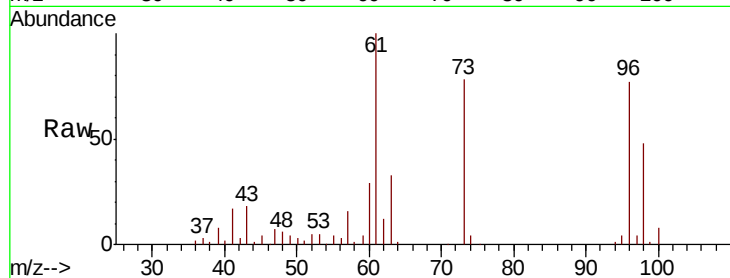
Tgt Ion: 96 Resp: 46010

Ion Ratio Lower Upper

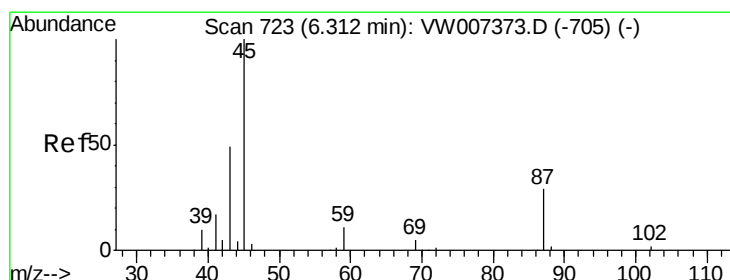
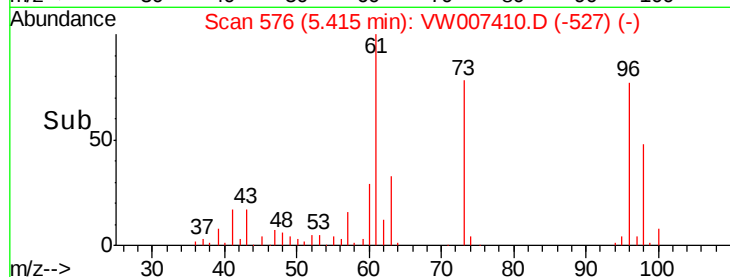
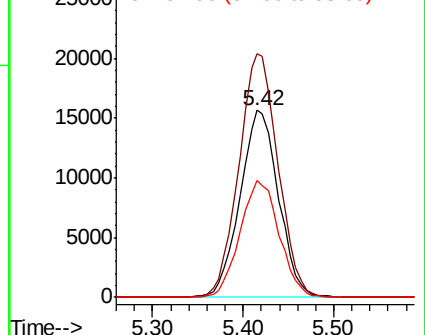
96 100

61 130.1 105.0 157.6

98 62.2 49.7 74.5



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: 50.869 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Tgt Ion: 45 Resp: 116194

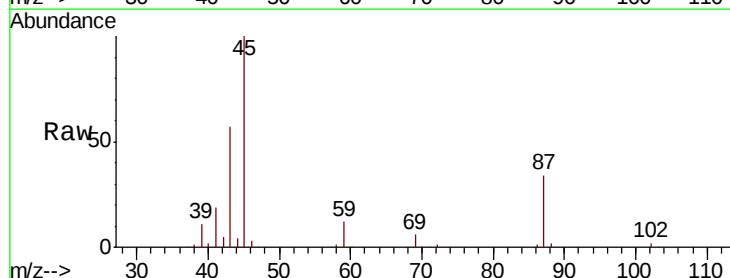
Ion Ratio Lower Upper

45 100

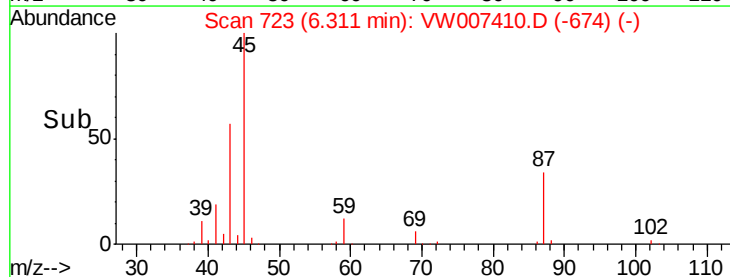
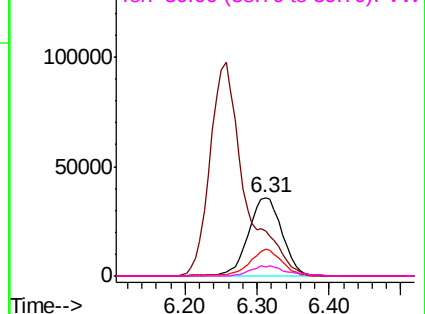
43 56.6 41.6 62.4

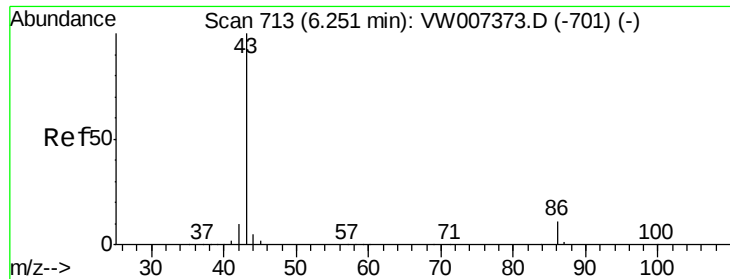
87 34.2 24.3 36.5

59 11.8 9.4 14.0



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

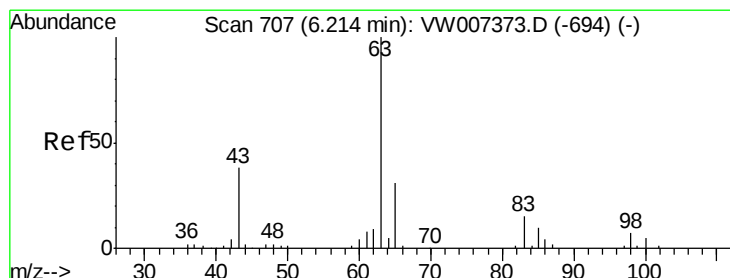
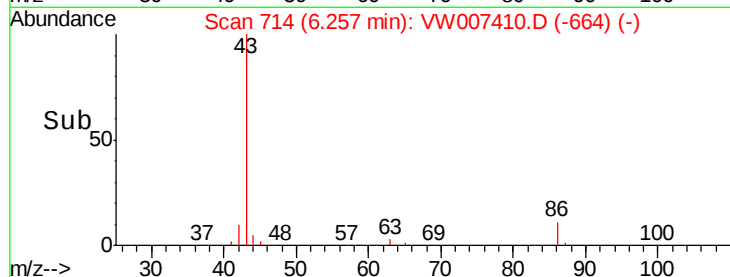
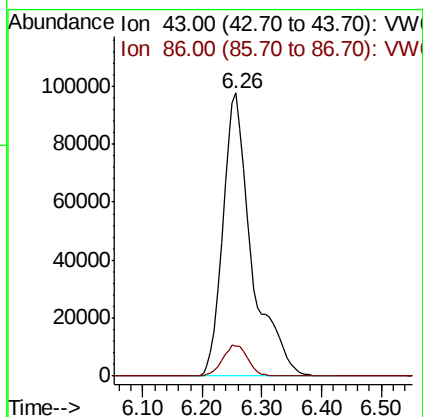
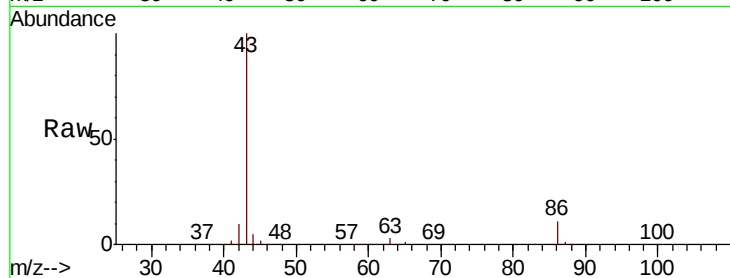




#23
 Vinyl Acetate
 Concen: 255.512 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

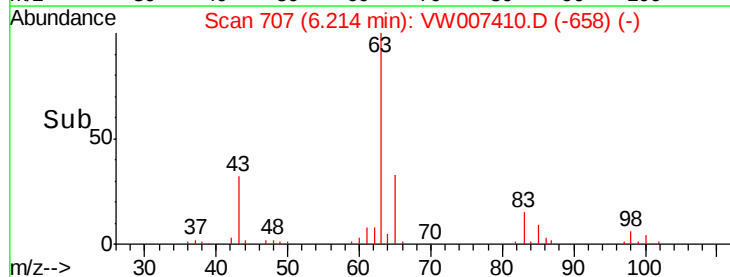
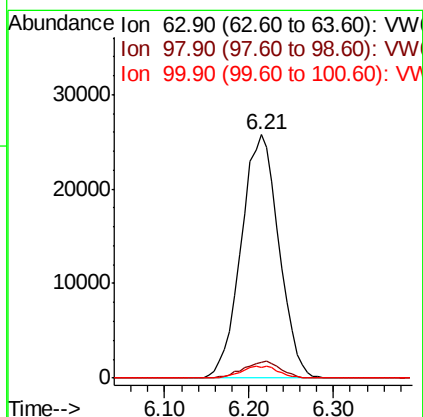
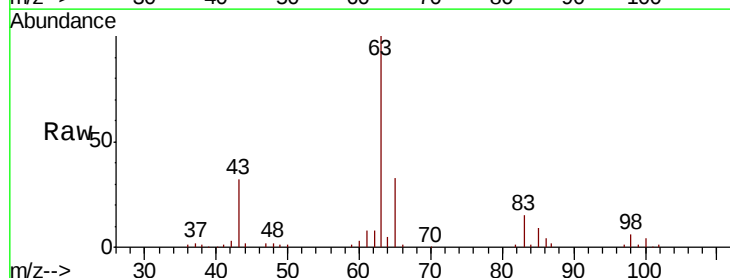
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

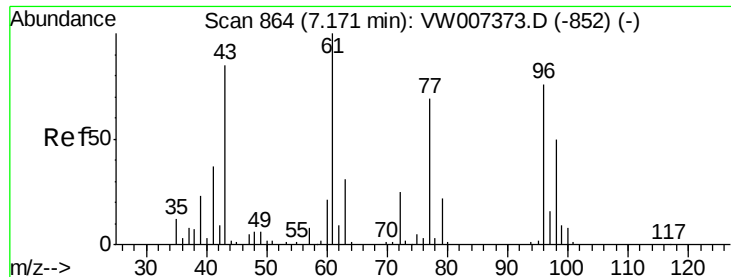
Tgt Ion: 43 Resp: 326449
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 50.528 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion: 63 Resp: 78005
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 4.5 2.5 7.5

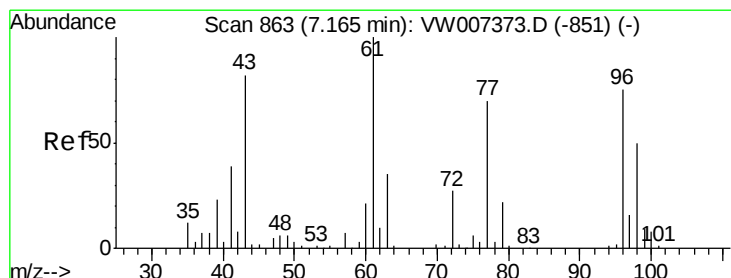
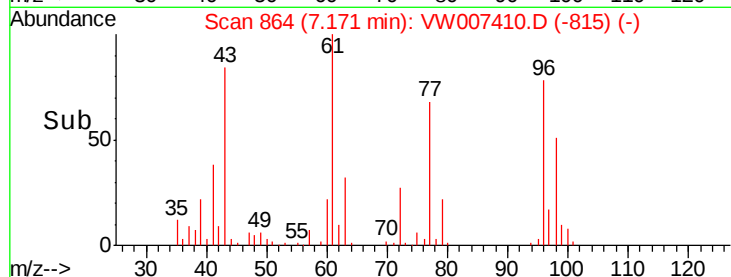
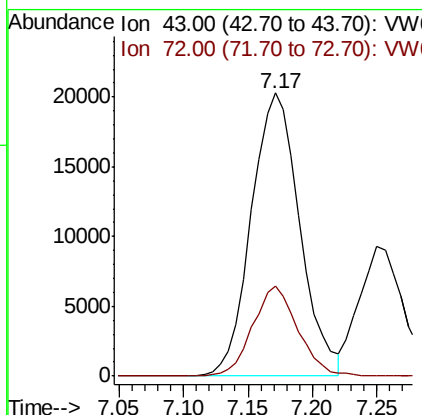
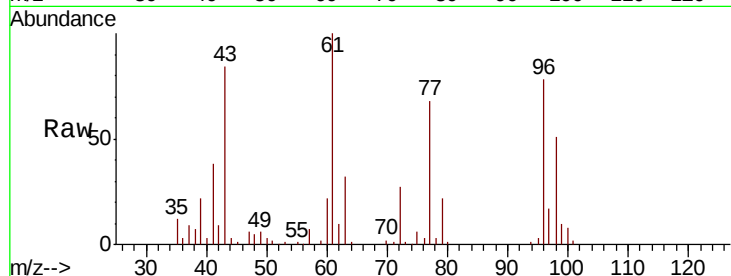




#25
2-Butanone
Concen: 254.997 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

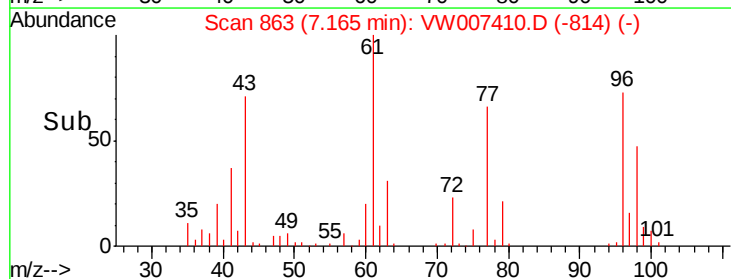
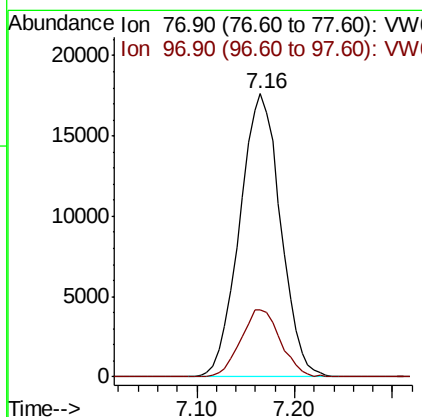
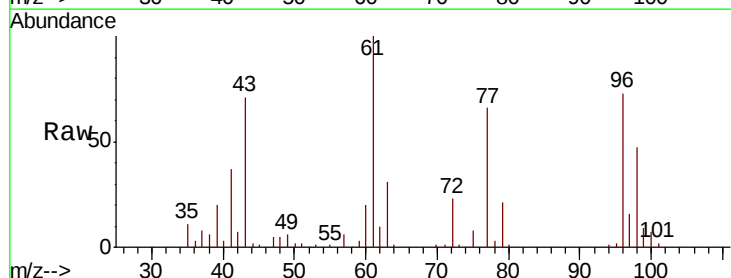
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

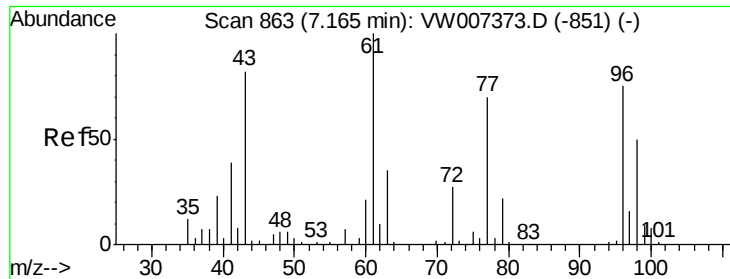
Tgt Ion: 43 Resp: 53017
Ion Ratio Lower Upper
43 100
72 31.7 23.4 35.2



#26
2,2-Dichloropropane
Concen: 50.025 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion: 77 Resp: 51111
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.8



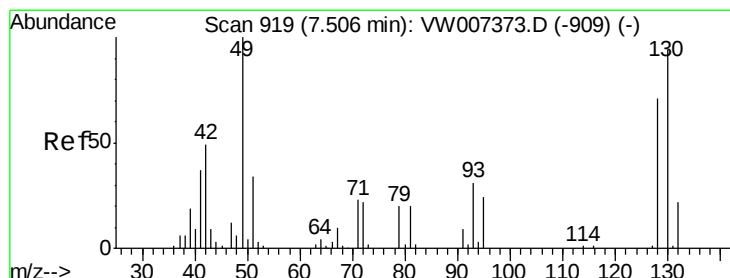
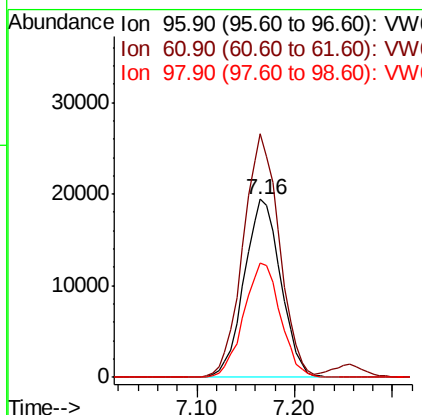
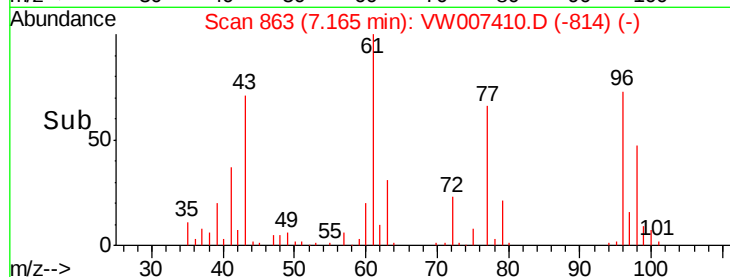
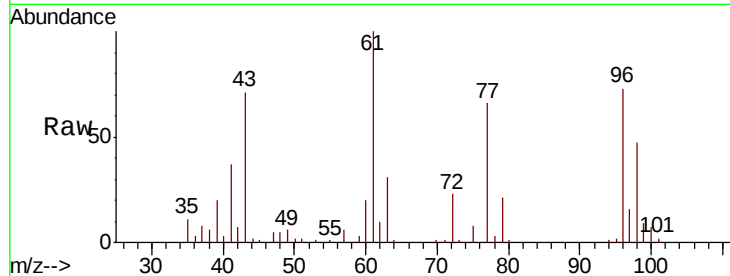


#27

cis-1,2-Dichloroethene
Concen: 50.957 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

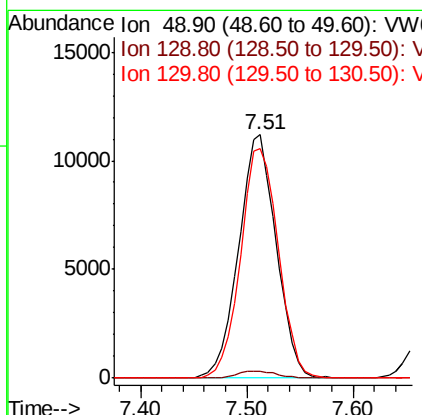
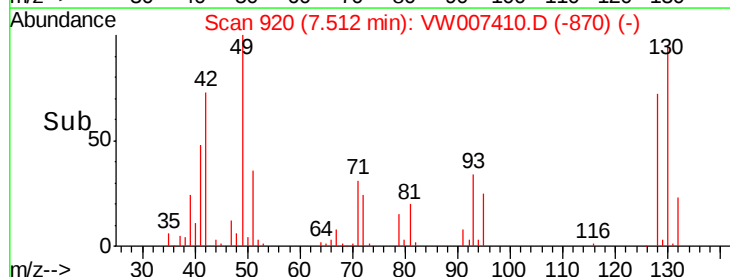
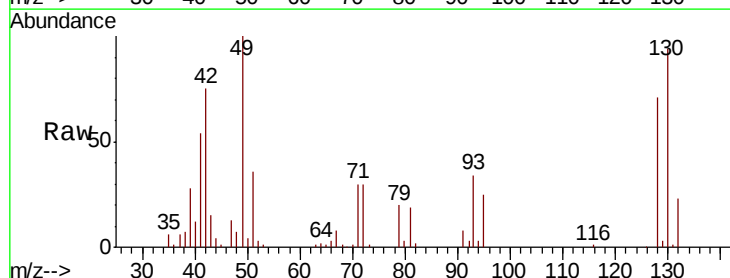
Tgt Ion: 96 Resp: 50320
Ion Ratio Lower Upper
96 100
61 135.3 0.0 268.4
98 64.4 0.0 127.8

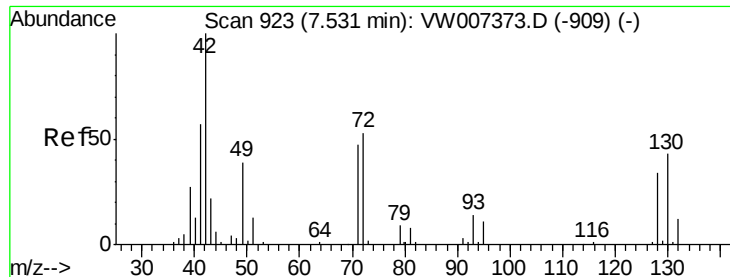


#28

Bromochloromethane
Concen: 47.674 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion: 49 Resp: 27684
Ion Ratio Lower Upper
49 100
129 3.0 0.0 2.6#
130 95.1 75.9 113.9

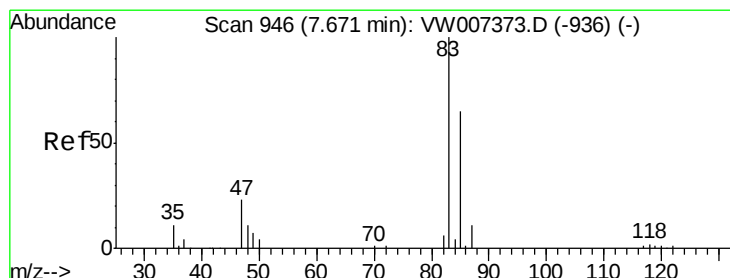
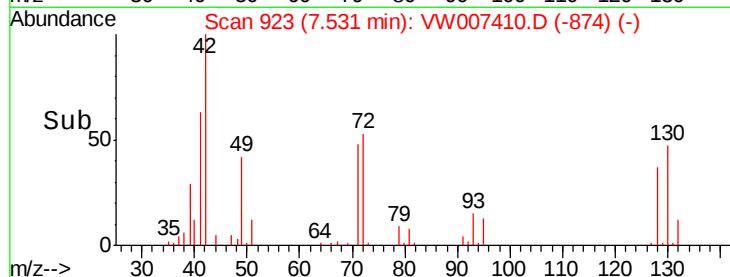
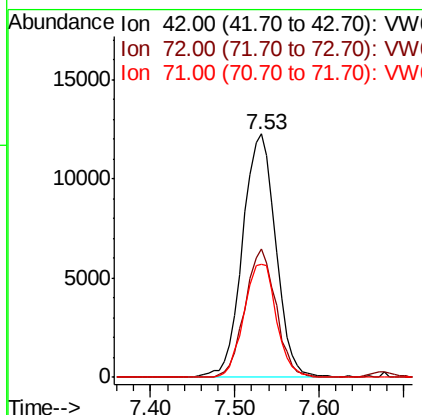
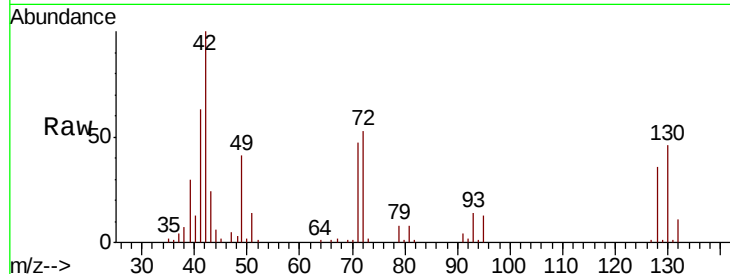




#29
Tetrahydrofuran
Concen: 248.719 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

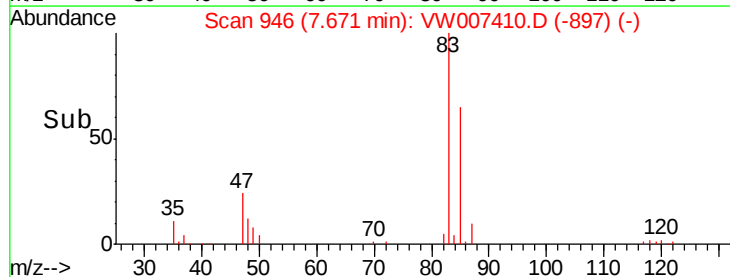
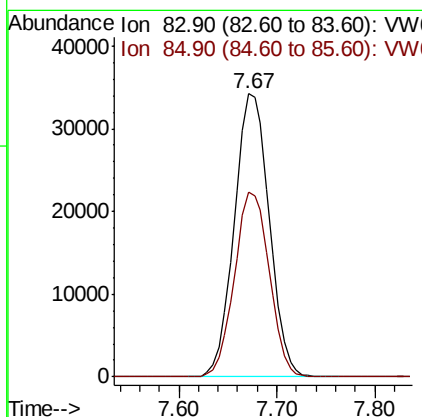
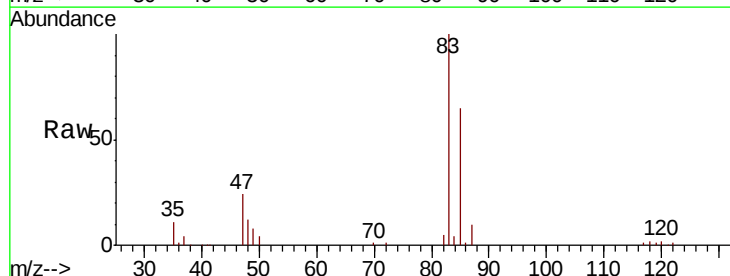
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

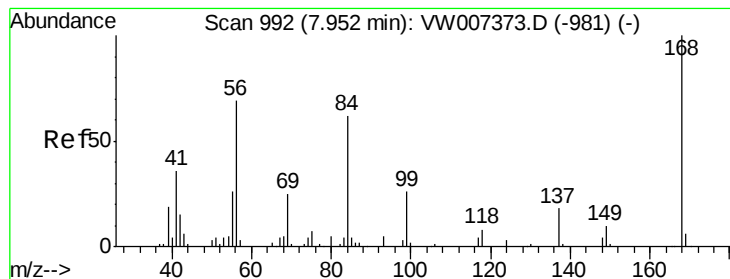
Tgt Ion: 42 Resp: 32737
Ion Ratio Lower Upper
42 100
72 49.1 38.2 57.4
71 45.2 35.5 53.3



#30
Chloroform
Concen: 50.507 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion: 83 Resp: 84852
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.8





#31

Cyclohexane

Concen: 46.743 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

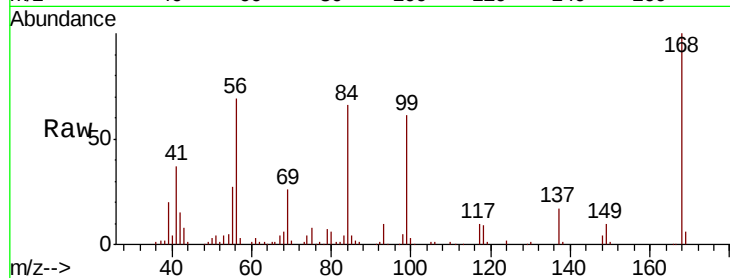
Tgt Ion: 56 Resp: 66208

Ion Ratio Lower Upper

56 100

69 37.0 28.9 43.3

84 94.5 71.8 107.6

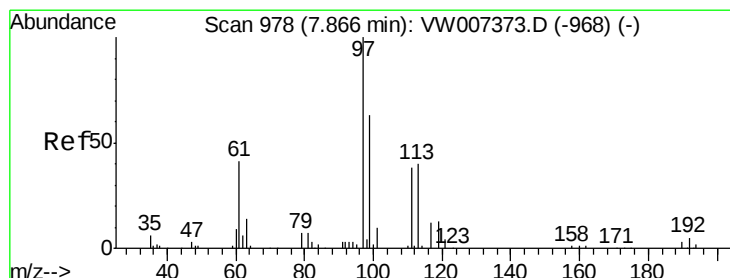
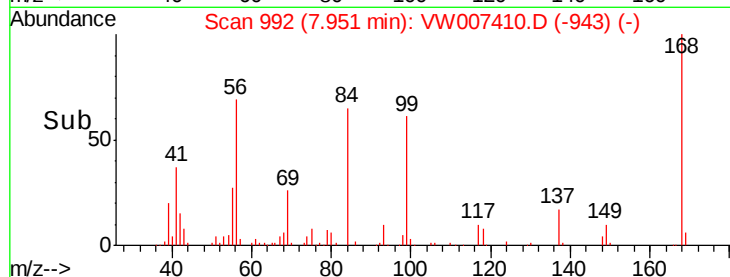
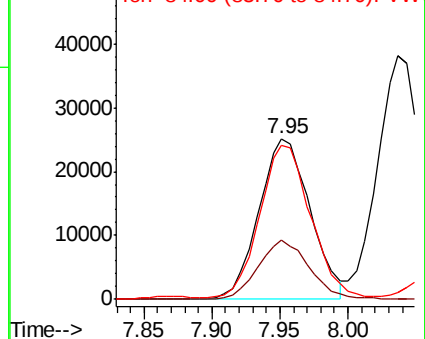


Abundance

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: 50.503 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

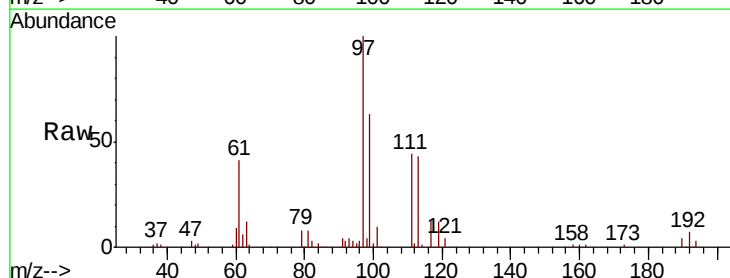
Tgt Ion: 97 Resp: 74405

Ion Ratio Lower Upper

97 100

99 64.4 51.1 76.7

61 41.3 33.2 49.8

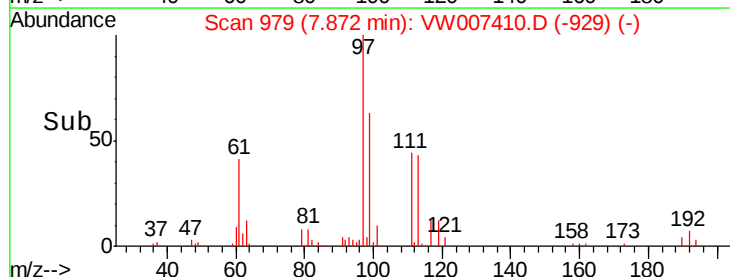
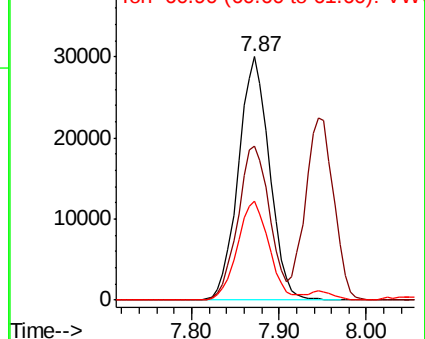


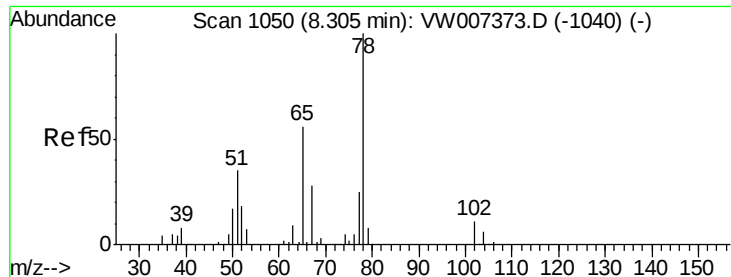
Abundance

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

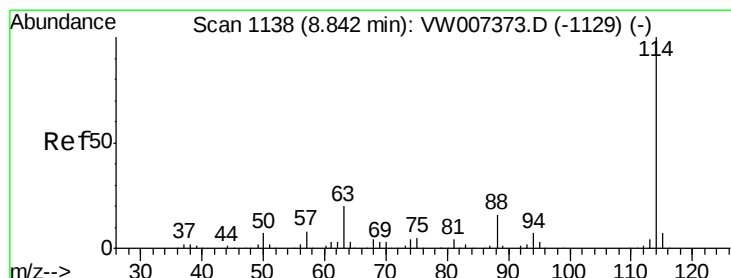
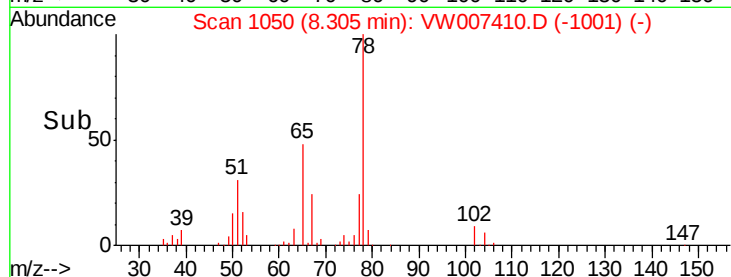
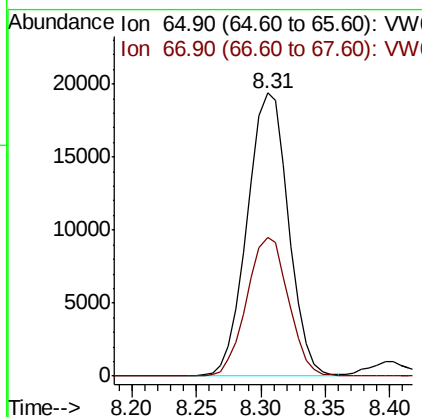
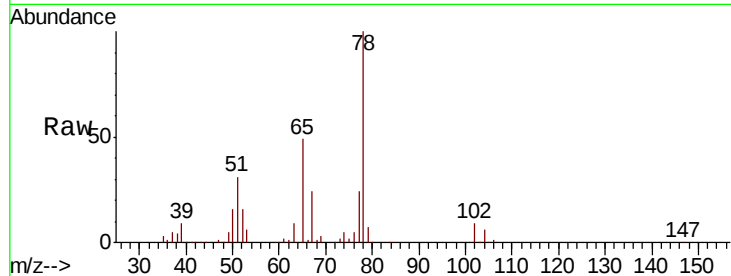




#33
 1,2-Dichloroethane-d4
 Concen: 47.090 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

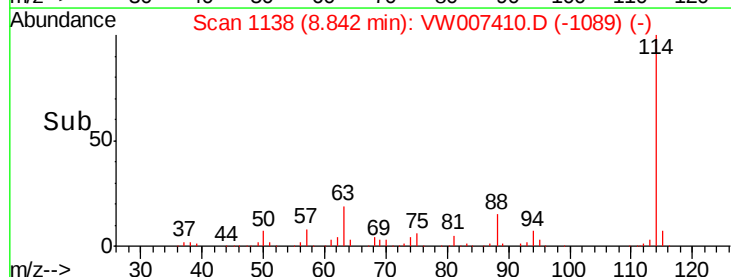
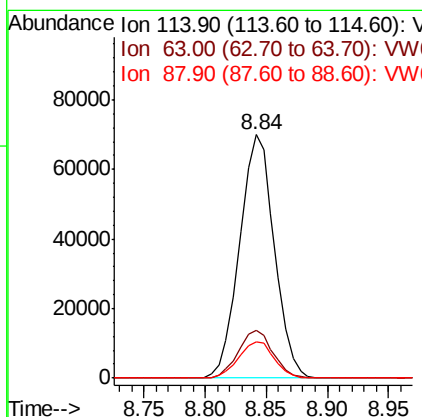
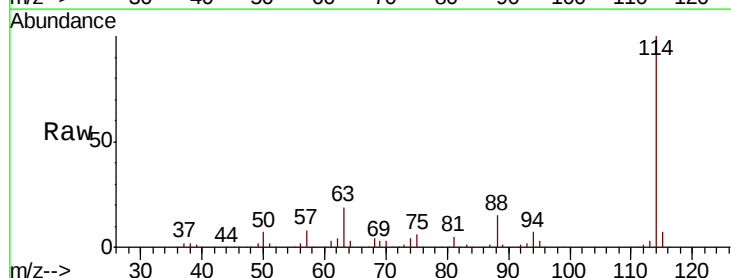
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

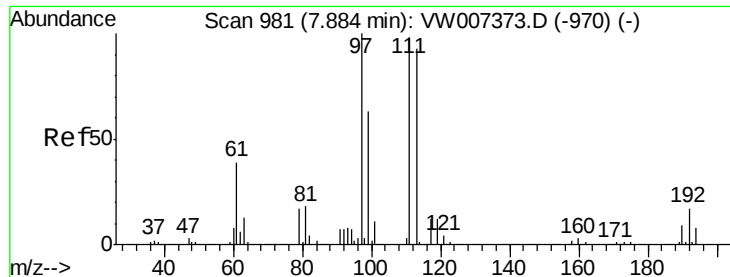
Tgt Ion: 65 Resp: 42935
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion: 114 Resp: 137516
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.310 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

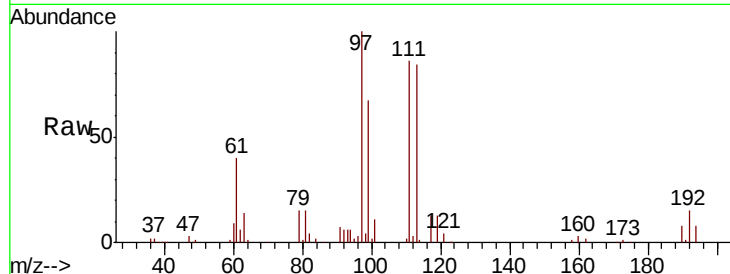
Tgt Ion: 113 Resp: 40215

Ion Ratio Lower Upper

113 100

111 103.5 81.1 121.7

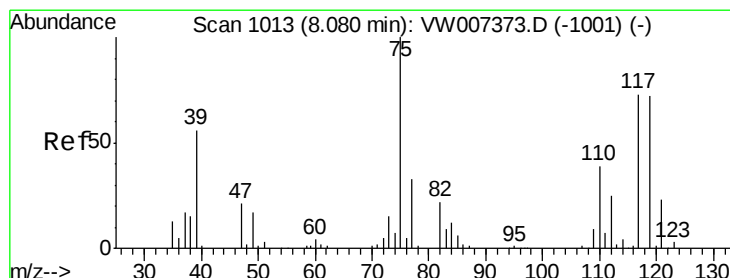
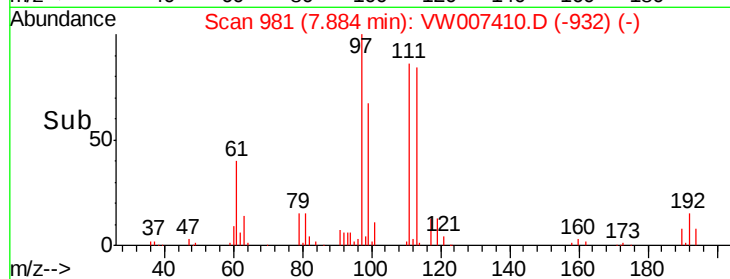
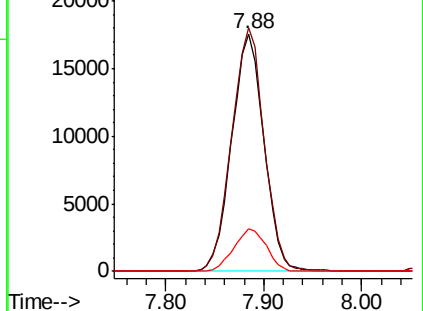
192 17.8 14.6 21.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.340 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

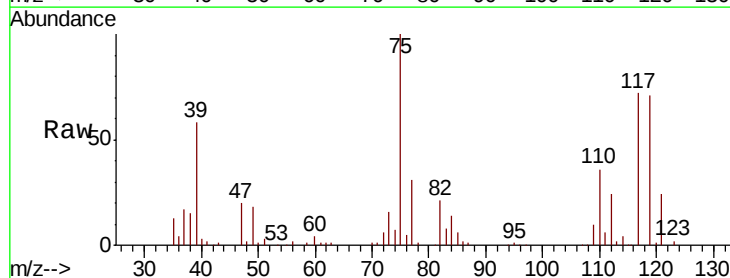
Tgt Ion: 75 Resp: 64404

Ion Ratio Lower Upper

75 100

110 36.6 18.5 55.5

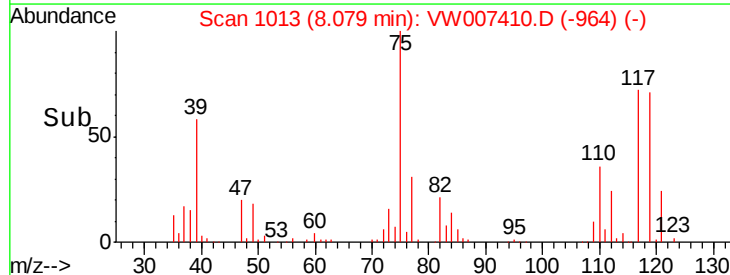
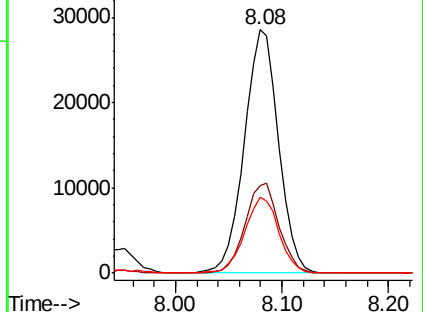
77 31.3 25.6 38.4

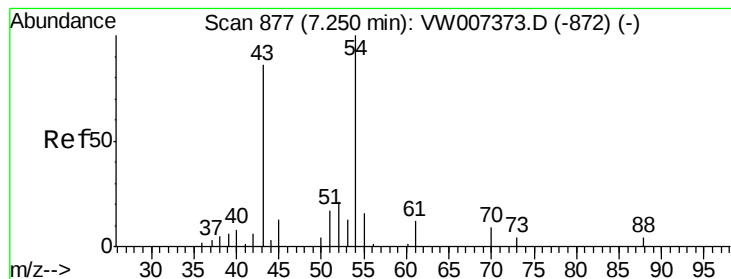


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 48.787 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

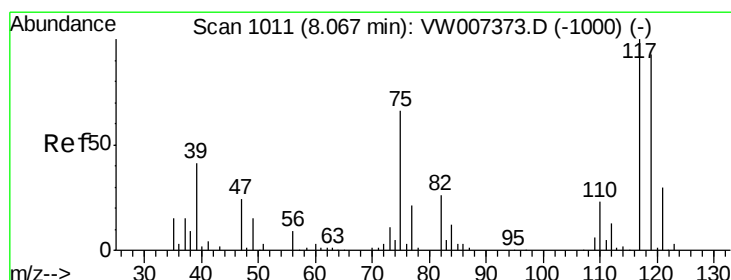
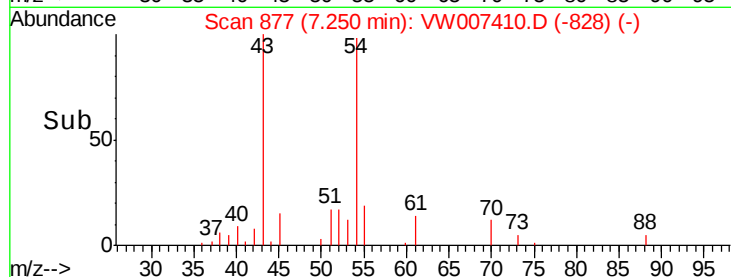
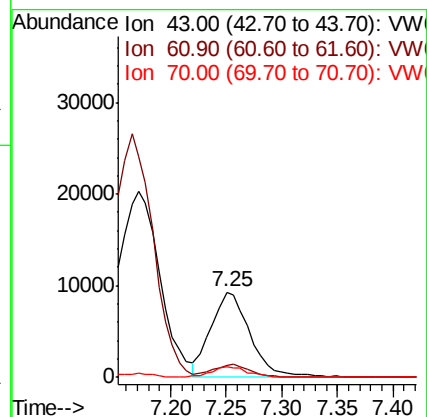
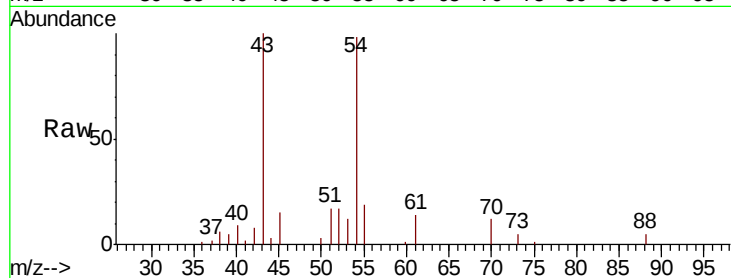
Tgt Ion: 43 Resp: 22763

Ion Ratio Lower Upper

43 100

61 14.7 12.1 18.1

70 11.9 10.0 15.0



#38

Carbon Tetrachloride

Concen: 52.667 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

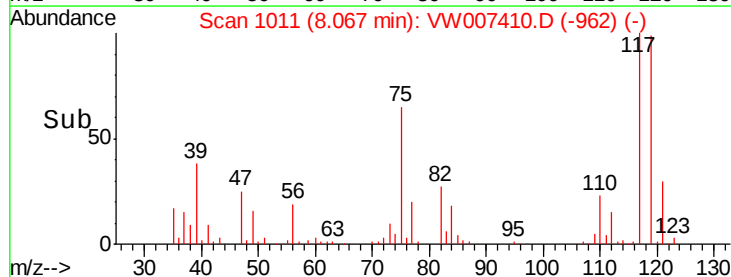
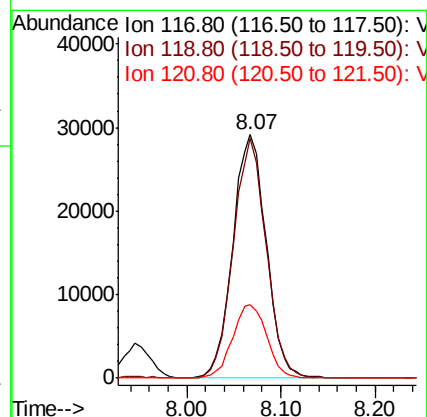
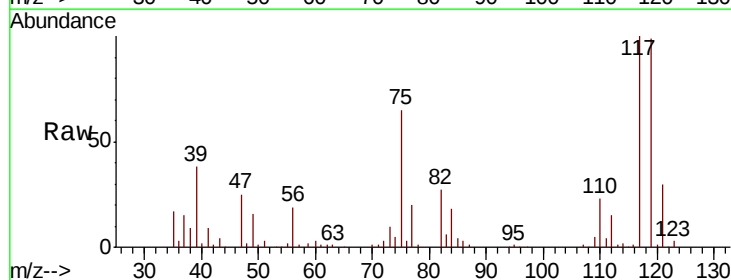
Tgt Ion: 117 Resp: 71889

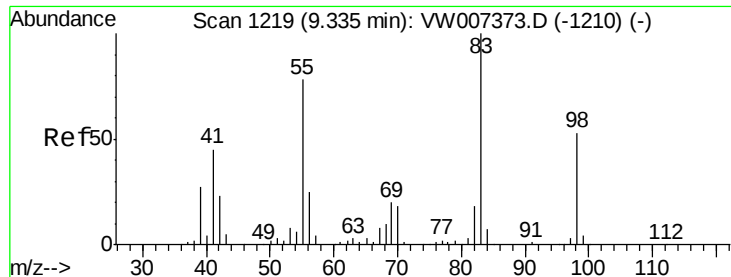
Ion Ratio Lower Upper

117 100

119 98.6 74.3 111.5

121 29.9 24.3 36.5

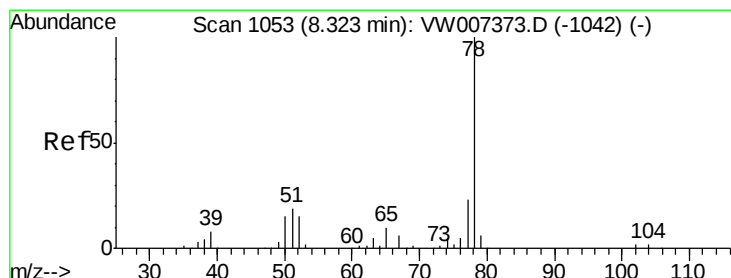
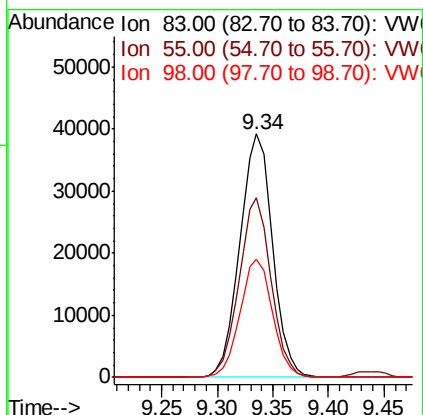
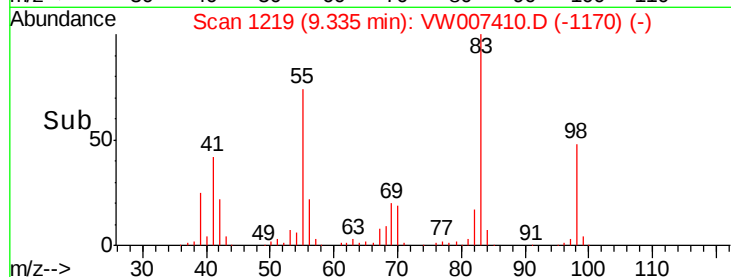
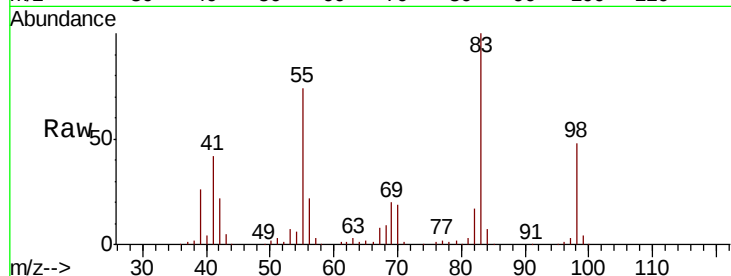




#39
Methylcyclohexane
Concen: 52.701 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

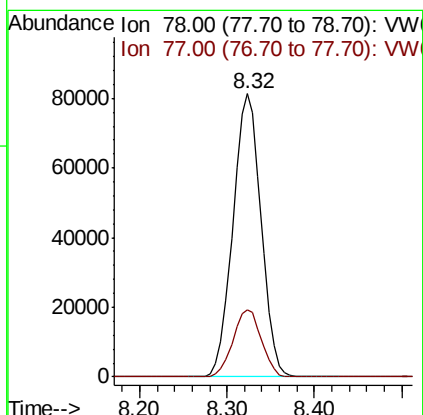
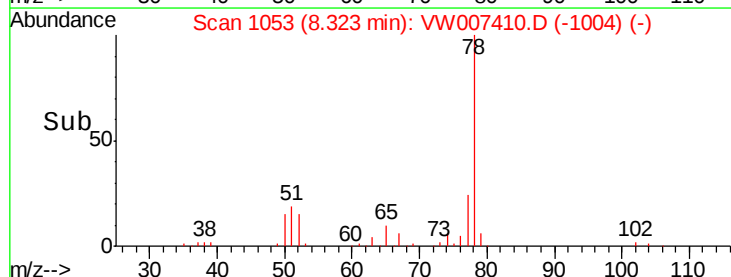
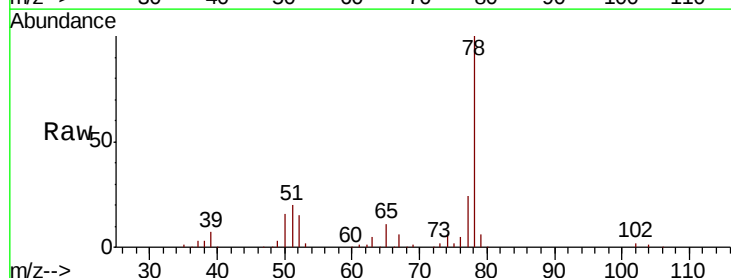
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

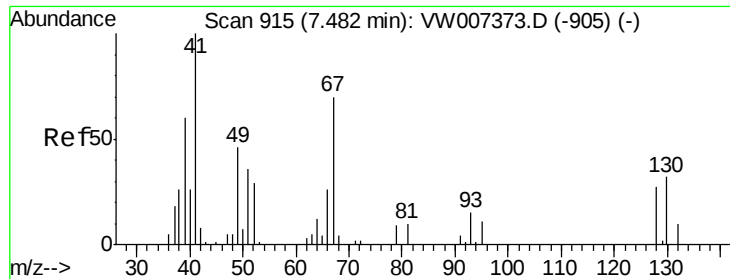
Tgt Ion: 83 Resp: 80055
Ion Ratio Lower Upper
83 100
55 73.6 62.8 94.2
98 48.3 42.2 63.2



#40
Benzene
Concen: 52.107 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion: 78 Resp: 181404
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

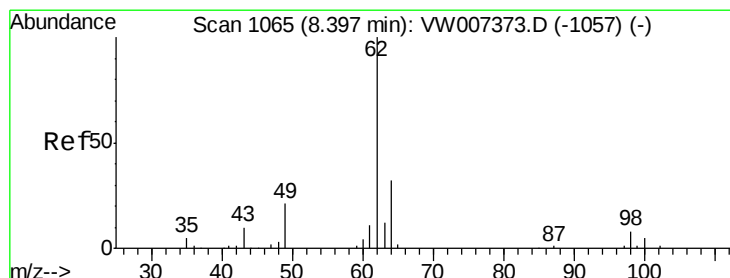
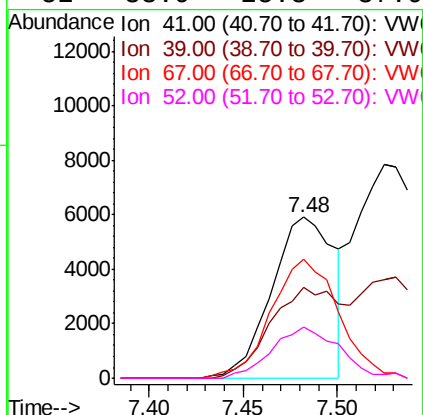
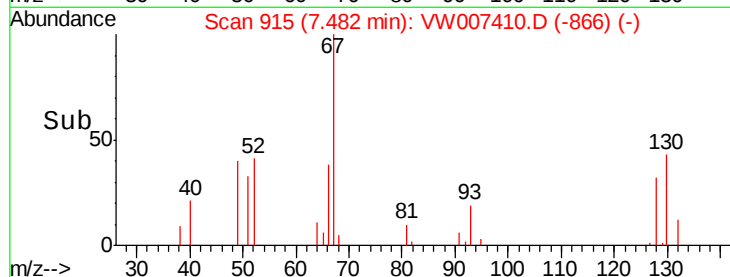
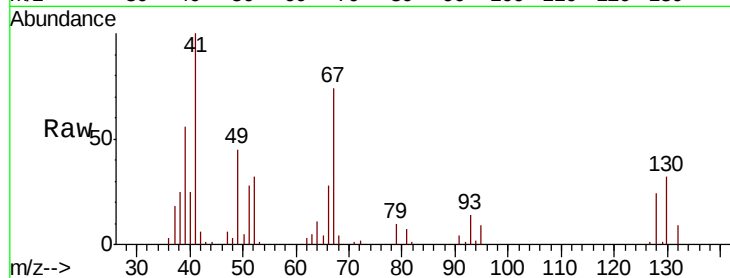




#41
Methacrylonitrile
Concen: 51.468 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

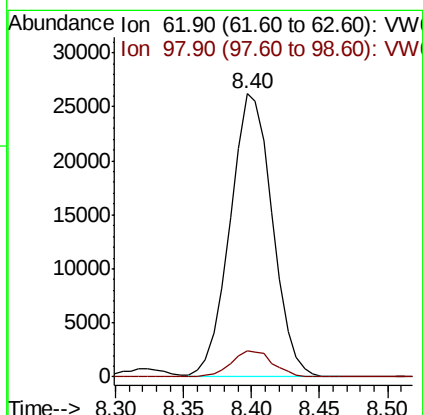
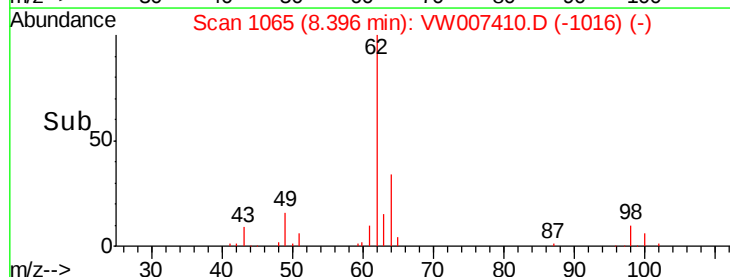
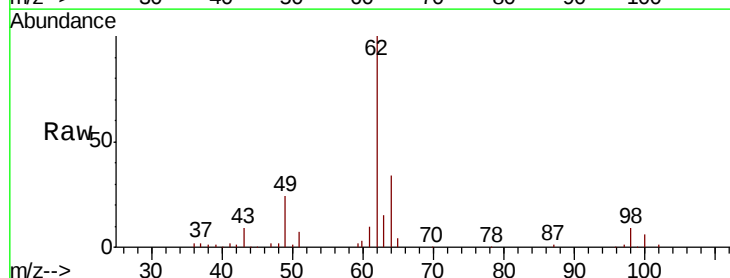
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

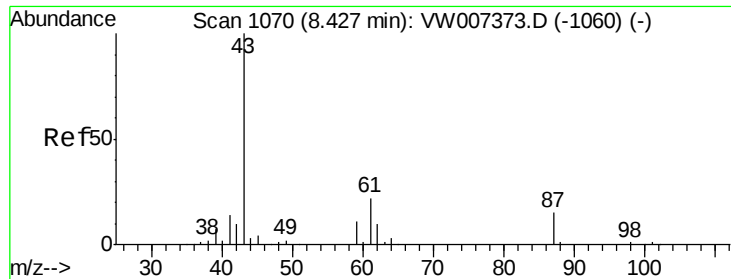
Tgt Ion: 41 Resp: 13675
Ion Ratio Lower Upper
41 100
39 65.8 52.2 78.2
67 79.4 60.5 90.7
52 33.9 25.3 37.9



#42
1,2-Dichloroethane
Concen: 51.931 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion: 62 Resp: 56792
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.6





#43

Isopropyl Acetate

Concen: 51.369 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

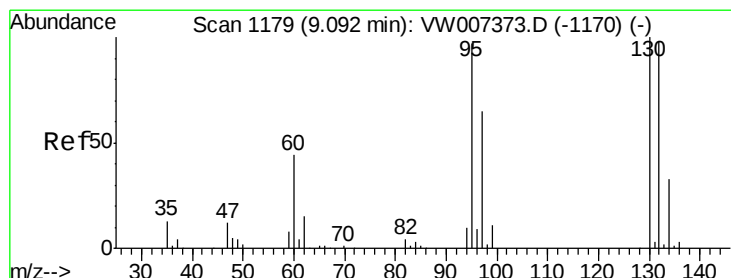
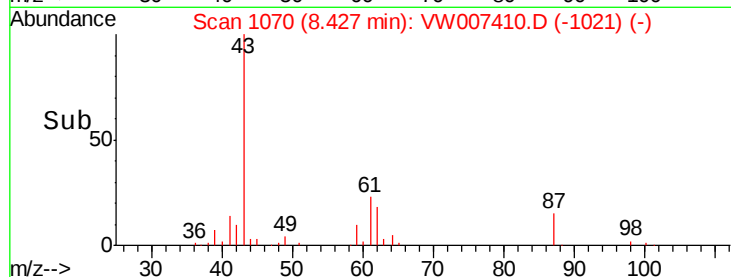
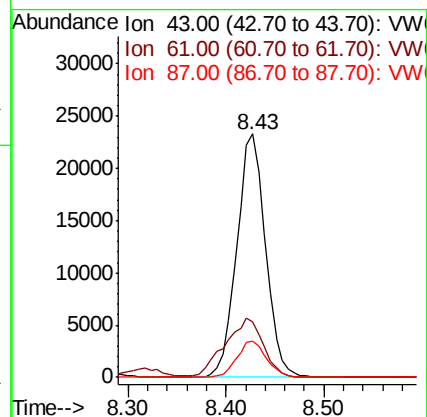
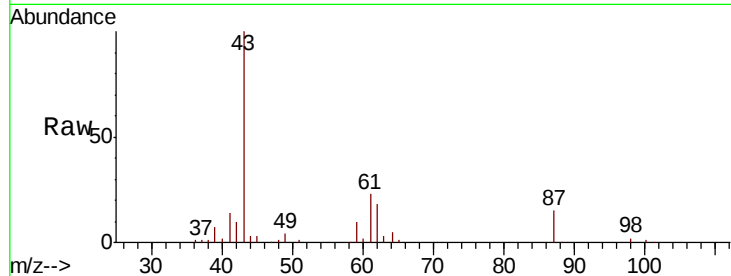
Tgt Ion: 43 Resp: 47344

Ion Ratio Lower Upper

43 100

61 32.3 25.3 37.9

87 15.0 11.8 17.8



#44

Trichloroethene

Concen: 52.385 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007410.D

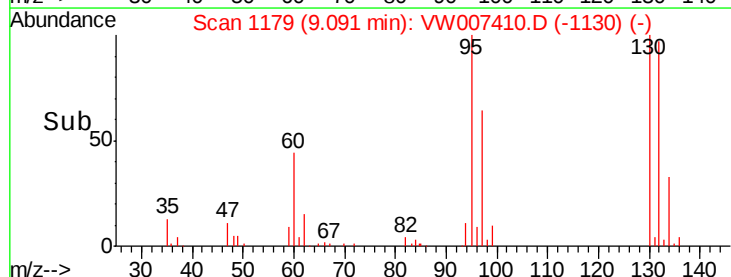
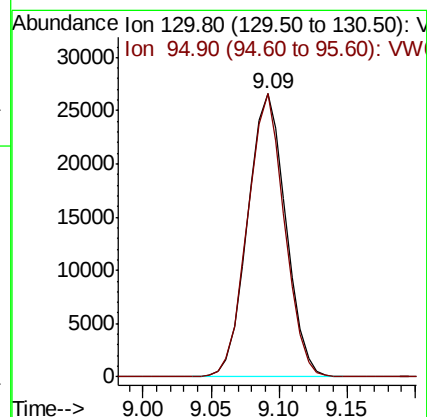
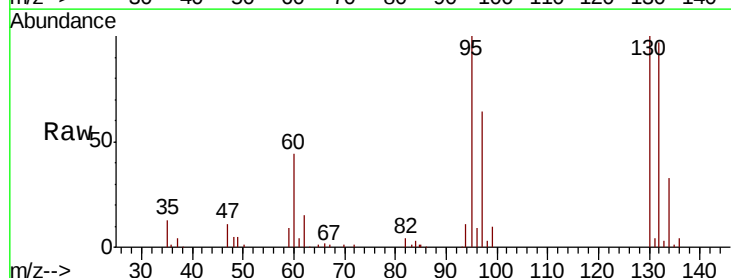
Acq: 11 Dec 2018 23:11

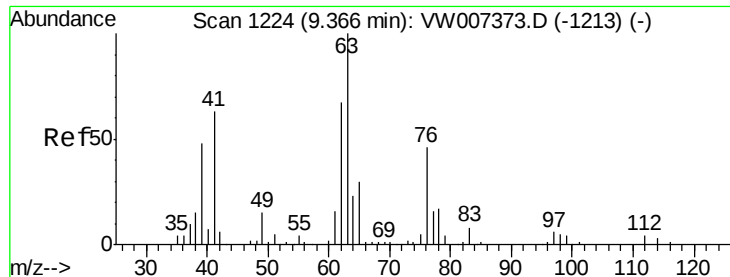
Tgt Ion: 130 Resp: 52078

Ion Ratio Lower Upper

130 100

95 100.1 0.0 193.2

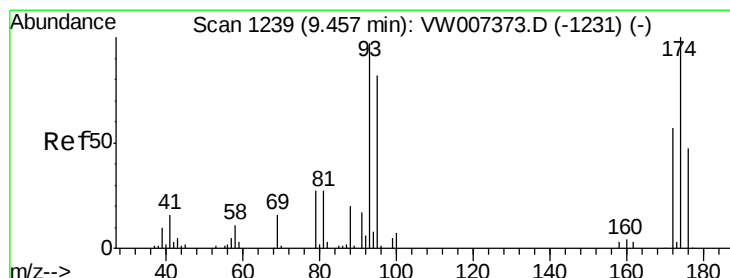
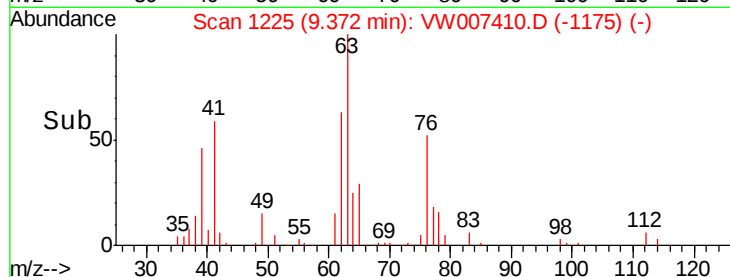
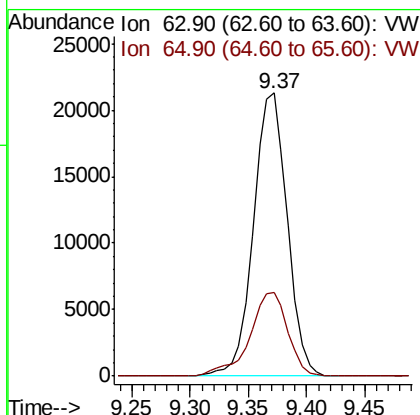
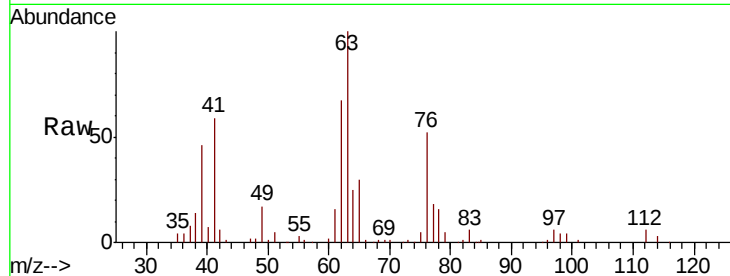




#45
 1,2-Dichloropropane
 Concen: 53.531 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

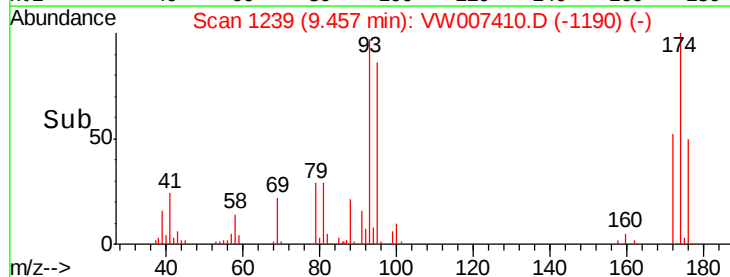
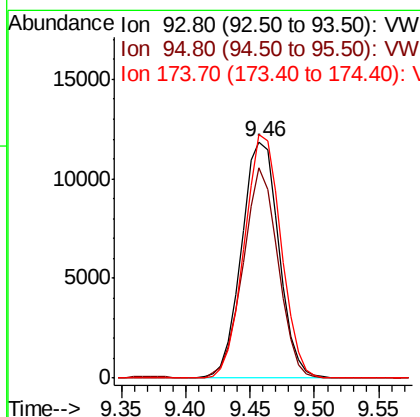
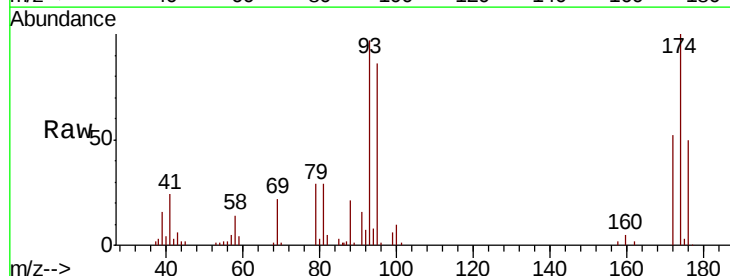
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

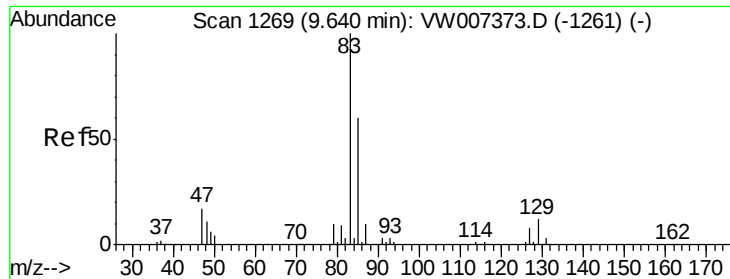
Tgt Ion: 63 Resp: 43126
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.4 36.6



#46
 Dibromomethane
 Concen: 51.811 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion: 93 Resp: 23704
 Ion Ratio Lower Upper
 93 100
 95 83.3 68.0 102.0
 174 101.3 83.2 124.8





#47

Bromodichloromethane

Concen: 52.413 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

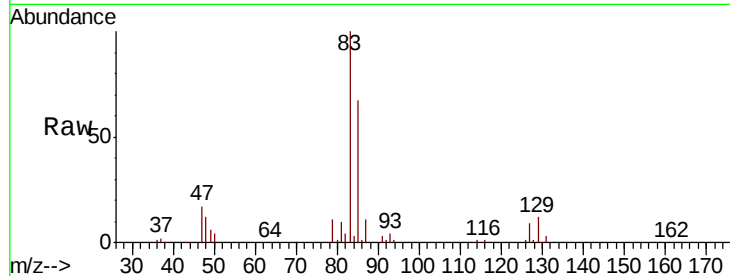
Tgt Ion: 83 Resp: 62898

Ion Ratio Lower Upper

83 100

85 66.8 47.6 71.4

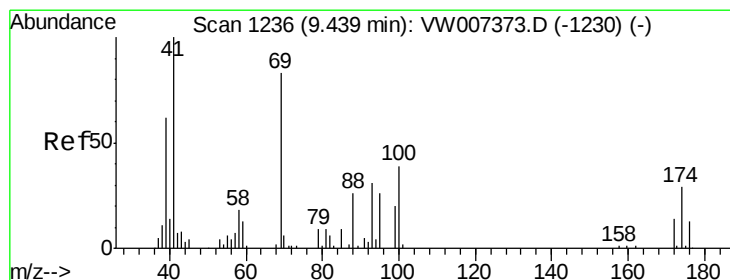
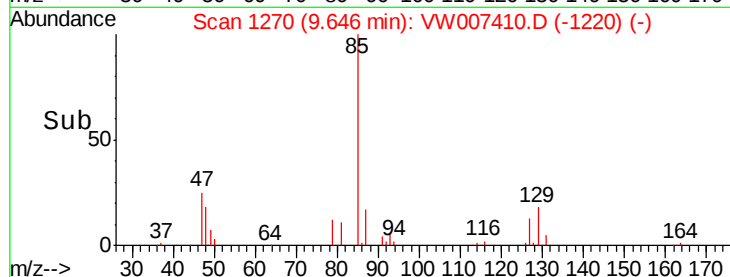
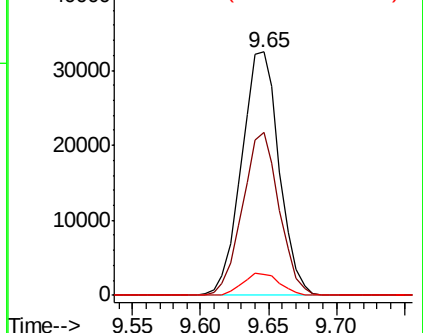
127 8.7 6.7 10.1



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): VW



#48

Methyl methacrylate

Concen: 48.804 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

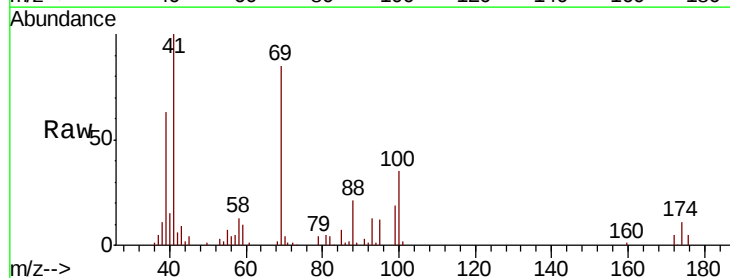
Tgt Ion: 41 Resp: 23101

Ion Ratio Lower Upper

41 100

69 93.9 69.8 104.8

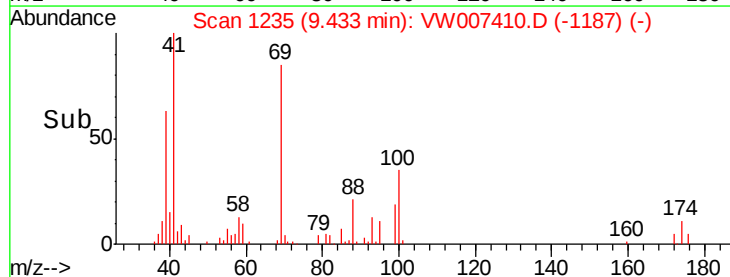
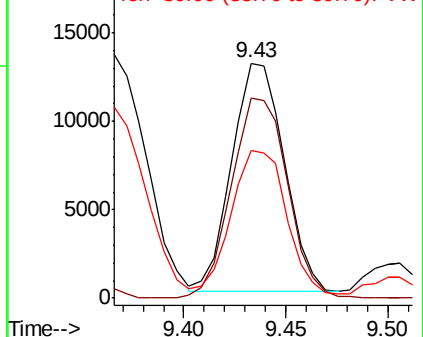
39 69.8 50.9 76.3

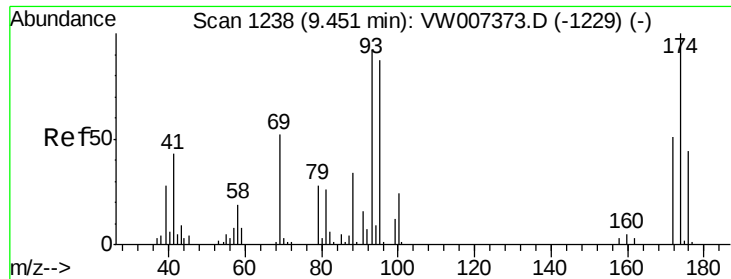


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

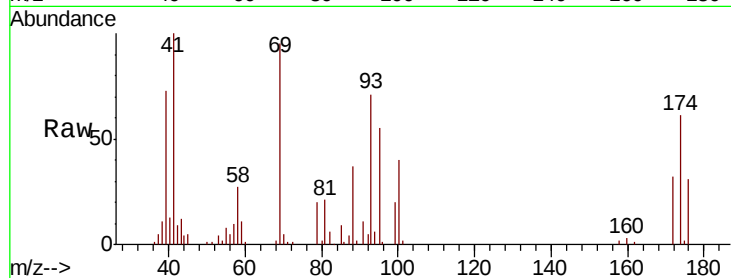




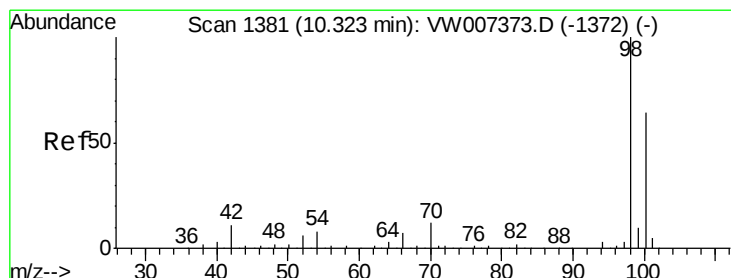
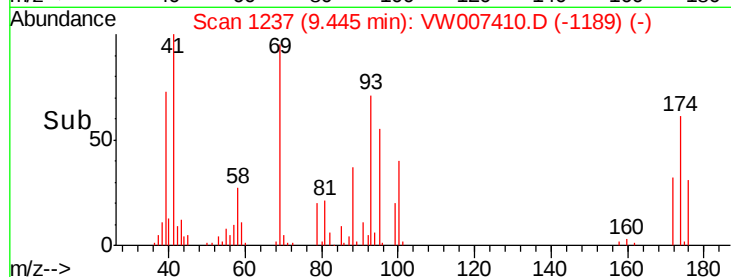
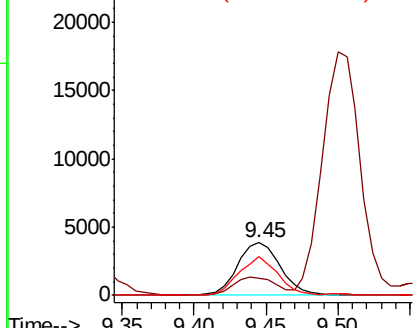
#49
 1,4-Dioxane
 Concen: 1065.424 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 7909
 Ion Ratio Lower Upper
 88 100
 43 36.4 25.0 37.4
 58 67.4 51.4 77.2

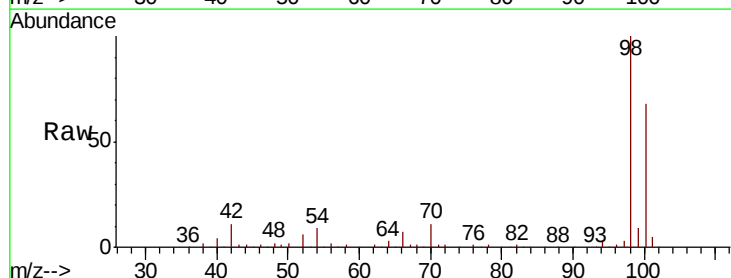


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

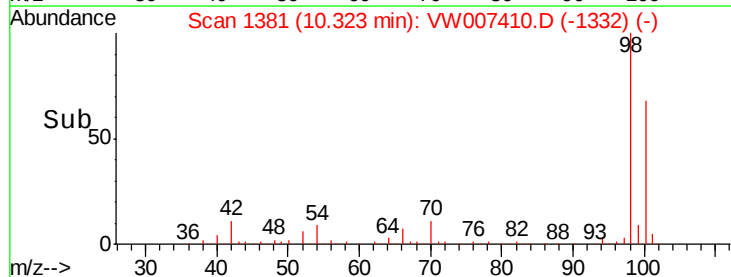
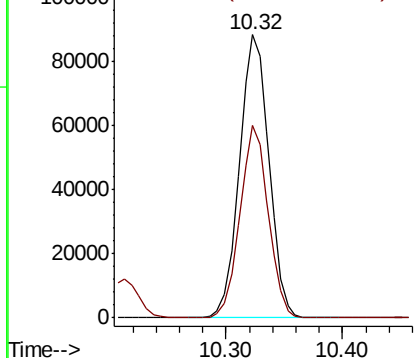


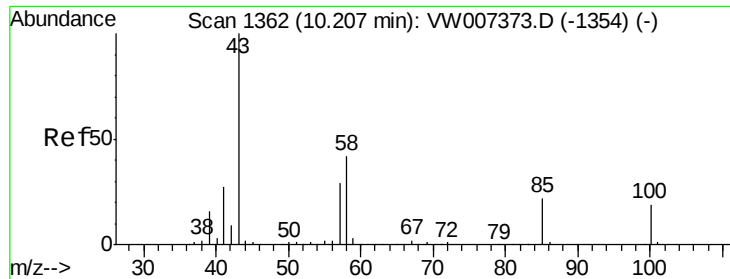
#50
 Toluene-d8
 Concen: 49.750 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion: 98 Resp: 155279
 Ion Ratio Lower Upper
 98 100
 100 65.4 51.8 77.8



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





#51

4-Methyl-2-Pentanone

Concen: 264.913 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

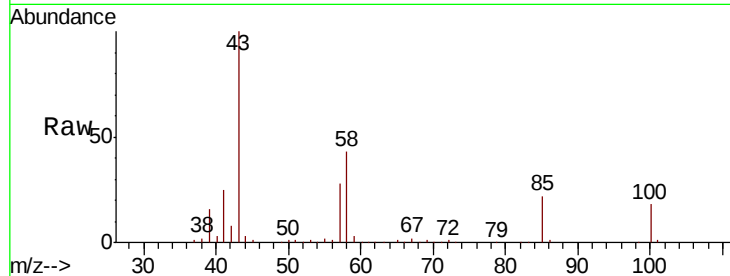
VSTDCCC050

Tgt Ion: 43 Resp: 115363

Ion Ratio Lower Upper

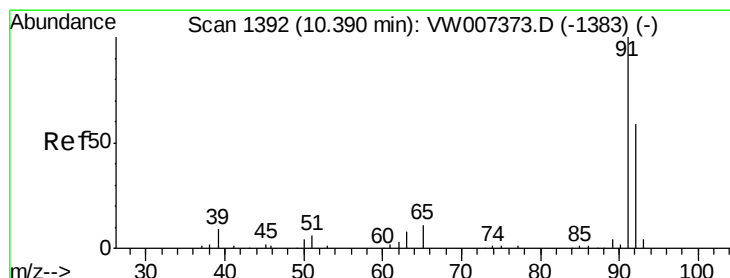
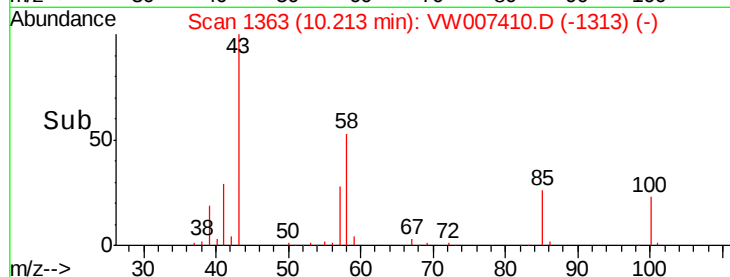
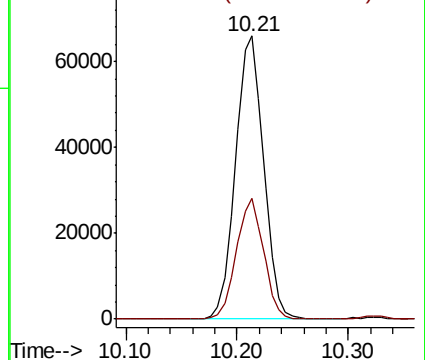
43 100

58 41.4 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 53.268 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007410.D

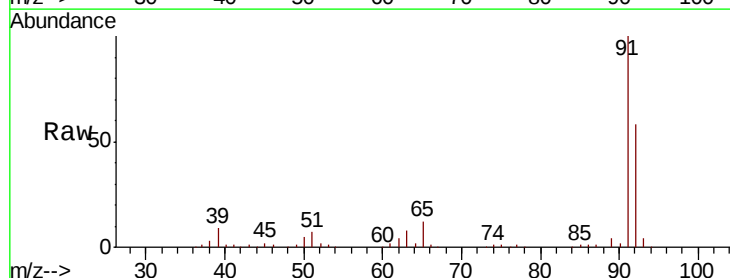
Acq: 11 Dec 2018 23:11

Tgt Ion: 92 Resp: 120010

Ion Ratio Lower Upper

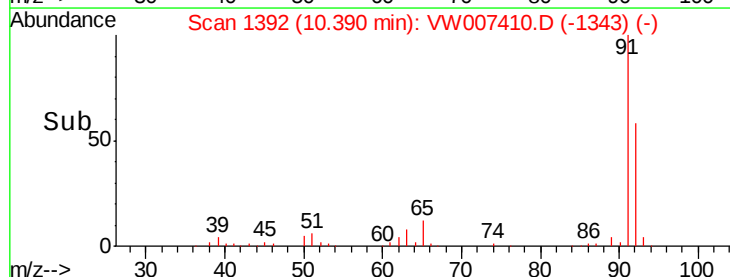
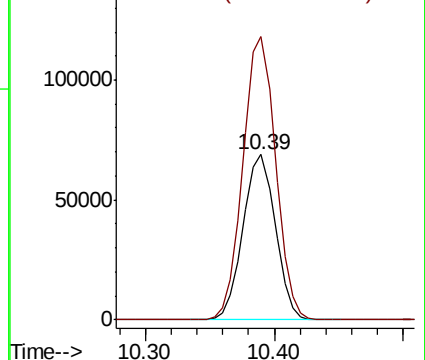
92 100

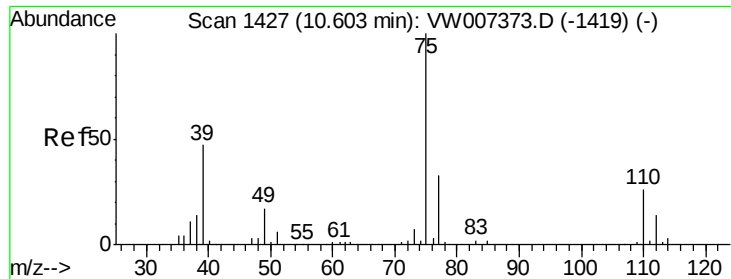
91 172.1 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 53.918 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

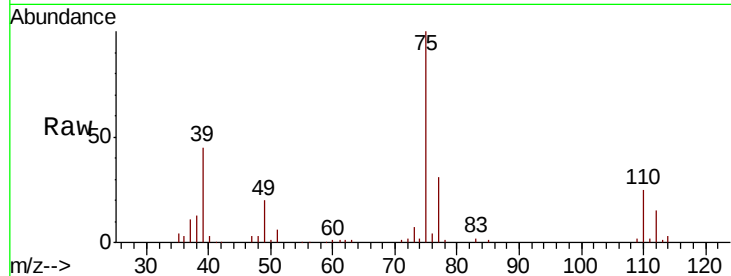
VSTDCCC050

Tgt Ion: 75 Resp: 62816

Ion Ratio Lower Upper

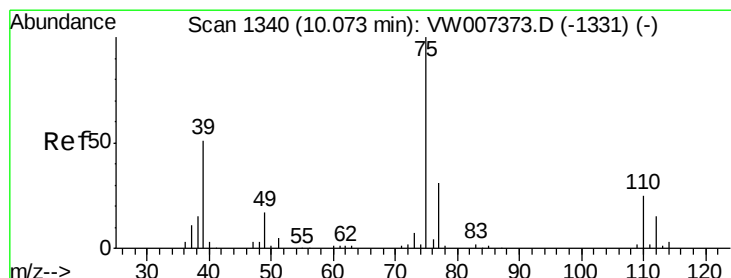
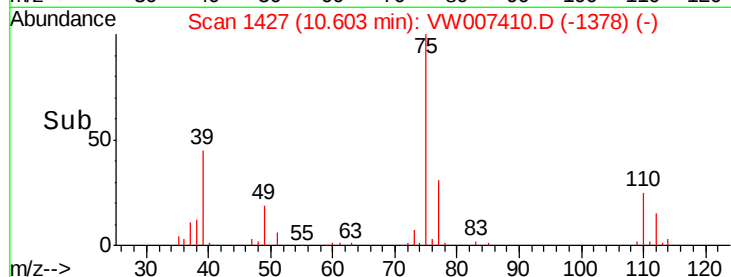
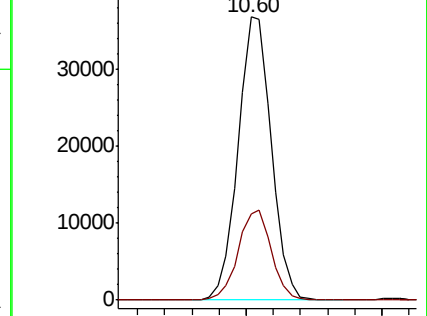
75 100

77 30.5 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 53.140 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

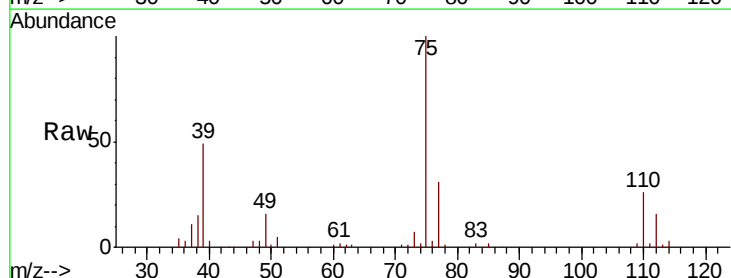
Tgt Ion: 75 Resp: 71569

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

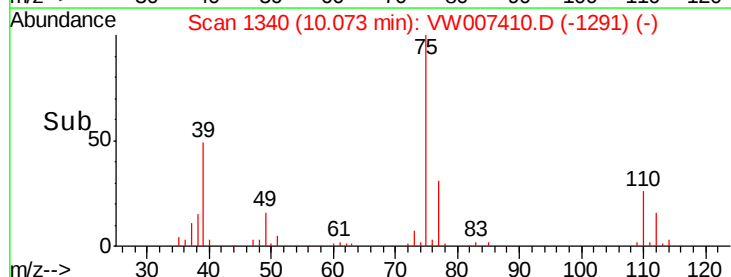
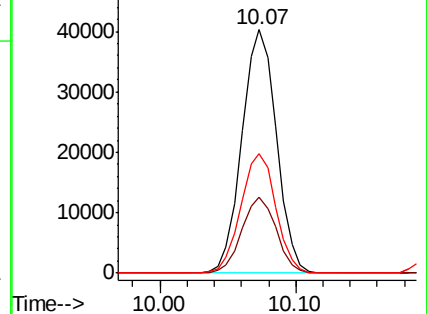
39 49.2 40.9 61.3

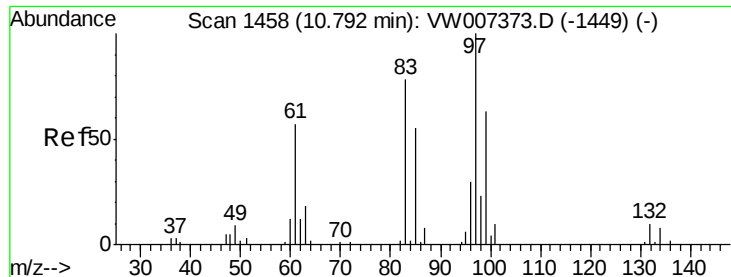


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

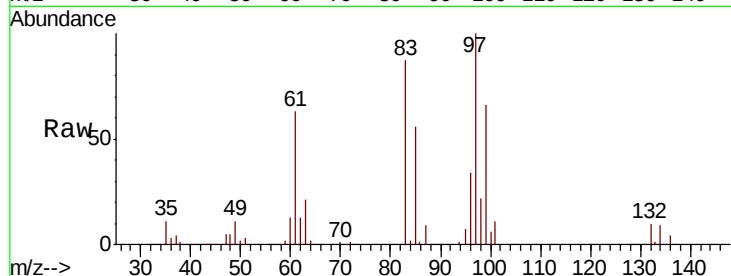




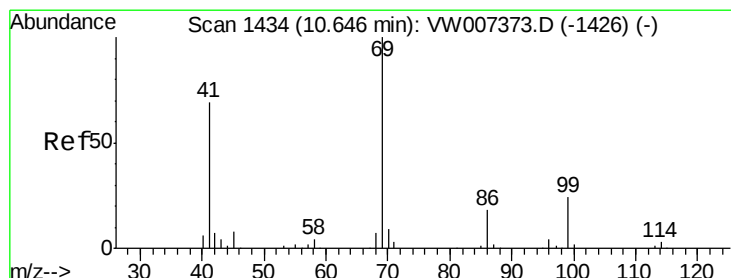
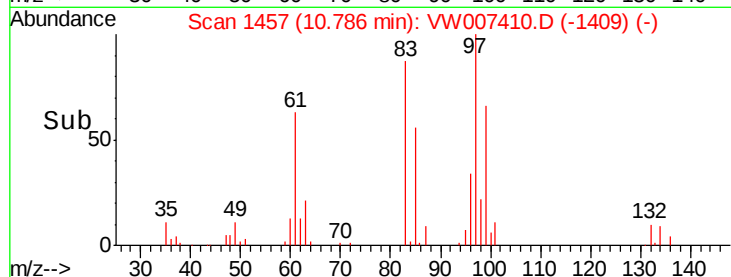
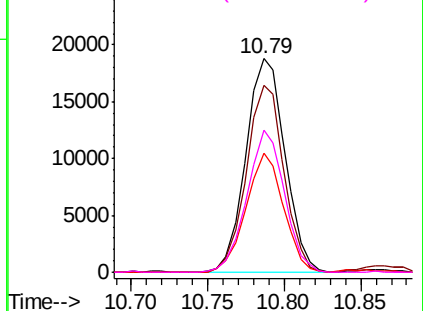
#55
 1,1,2-Trichloroethane
 Concen: 53.658 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	33411
Ion	Ratio	Lower	Upper
97	100		
83	87.4	62.1	93.1
85	55.5	44.2	66.4
99	66.4	50.2	75.4

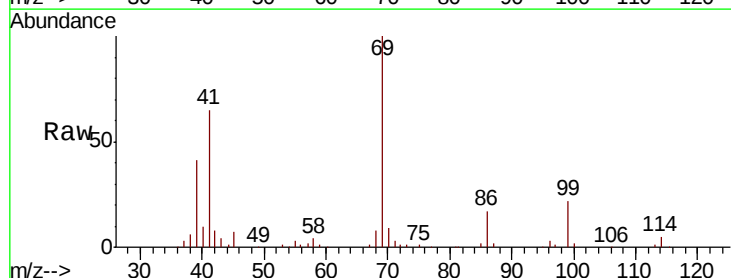


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

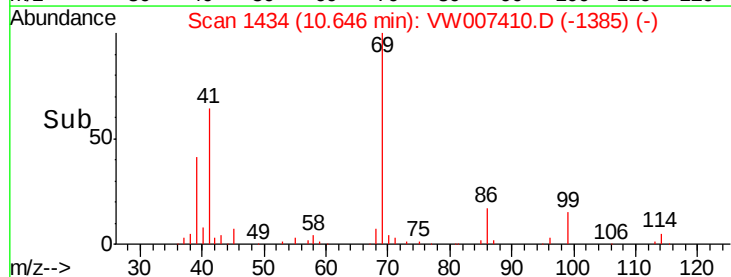
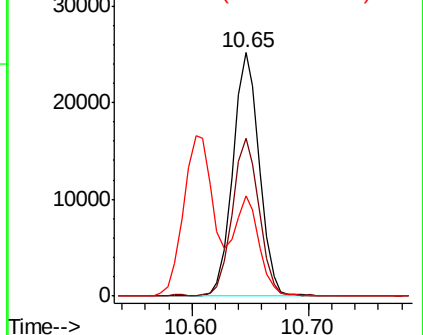


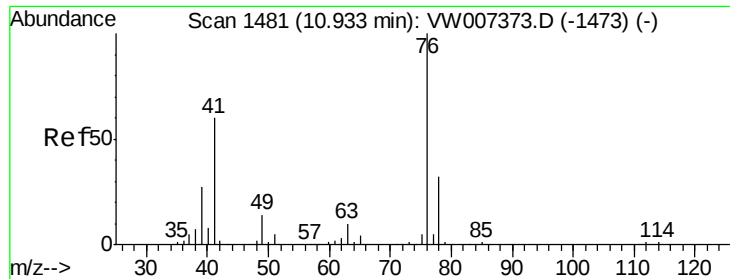
#56
 Ethyl methacrylate
 Concen: 53.014 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion:	69	Resp:	39677
Ion	Ratio	Lower	Upper
69	100		
41	66.0	51.0	76.6
39	38.4	30.8	46.2



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

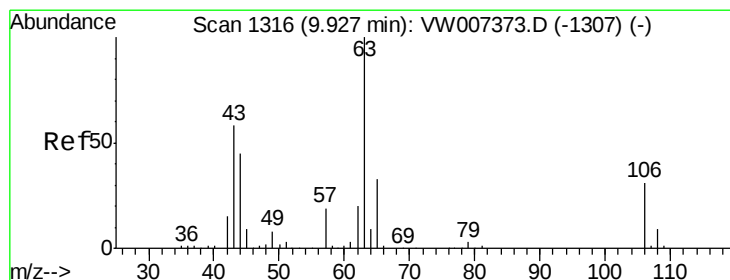
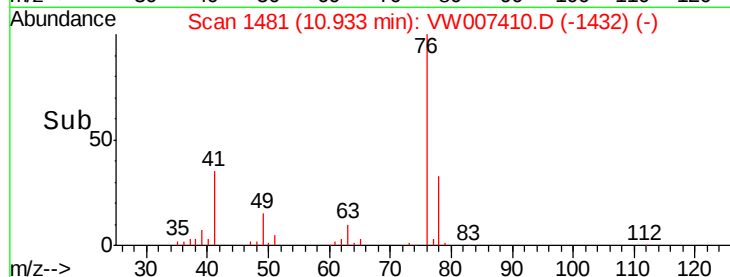
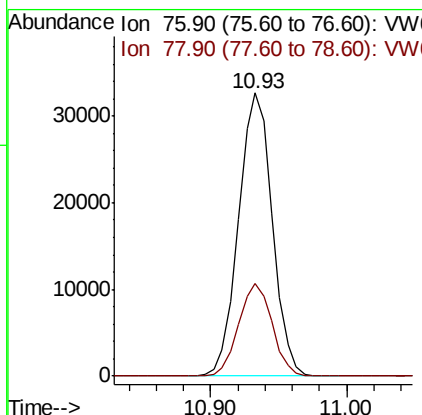
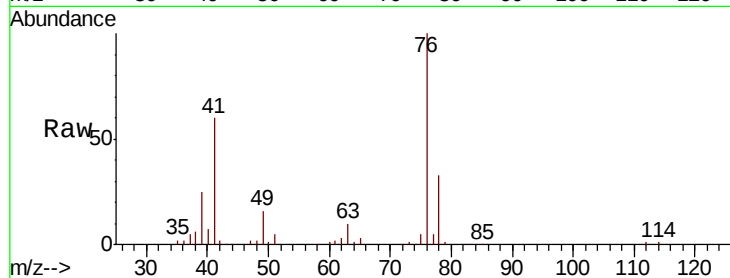




#57
 1,3-Dichloropropane
 Concen: 55.234 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

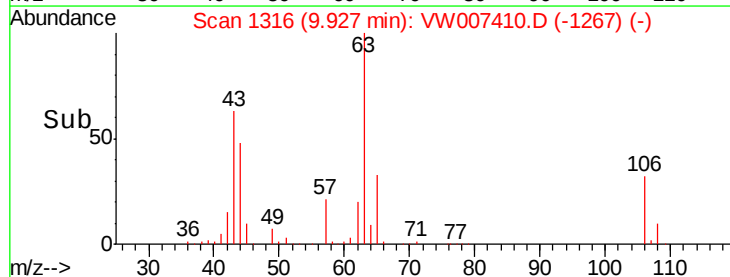
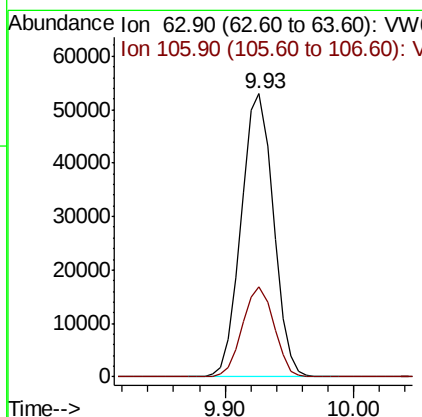
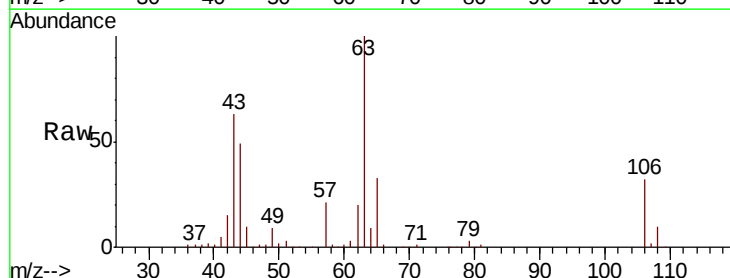
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

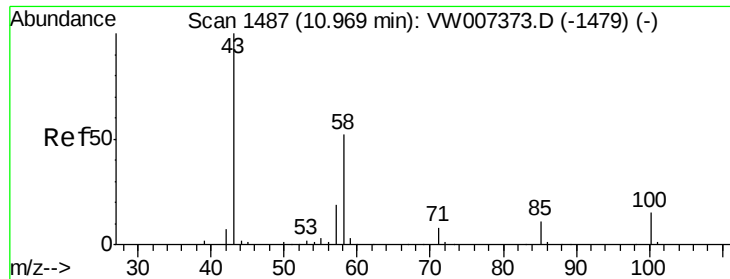
Tgt Ion: 76 Resp: 56450
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.435 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion: 63 Resp: 91610
 Ion Ratio Lower Upper
 63 100
 106 31.3 25.0 37.6

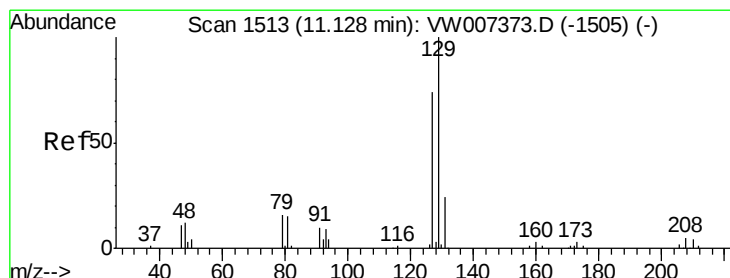
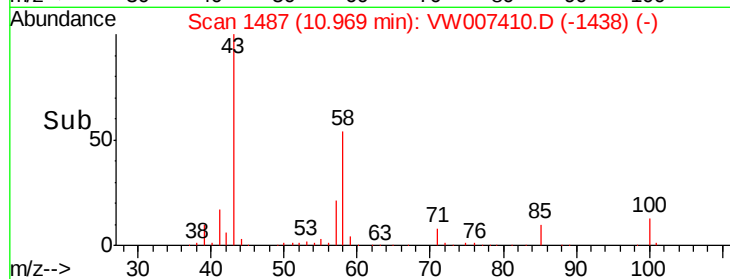
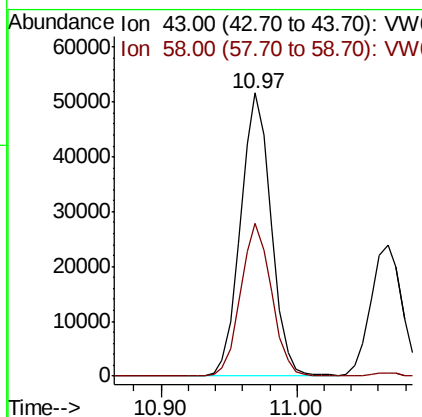
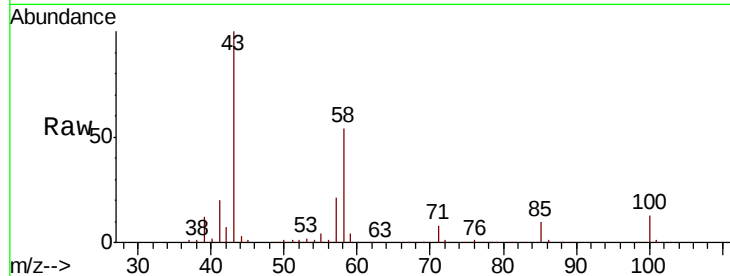




#59
2-Hexanone
Concen: 279.404 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

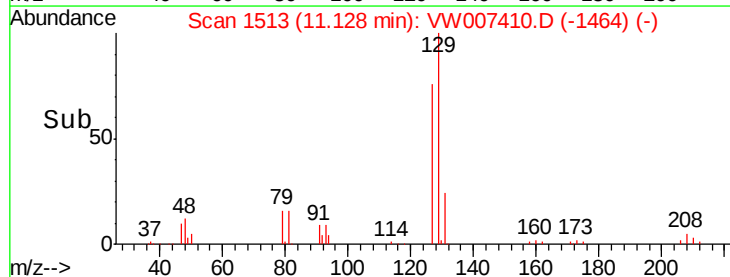
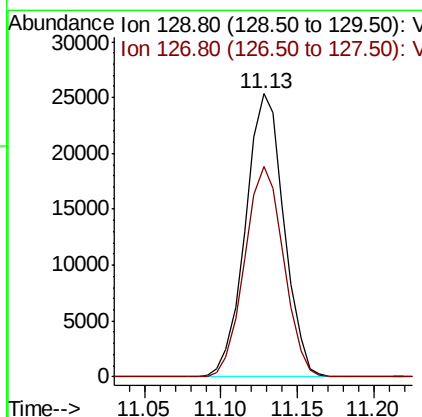
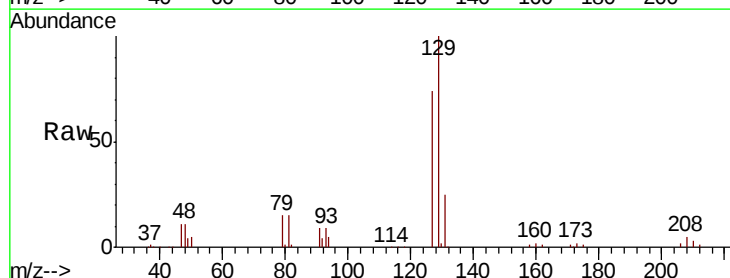
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

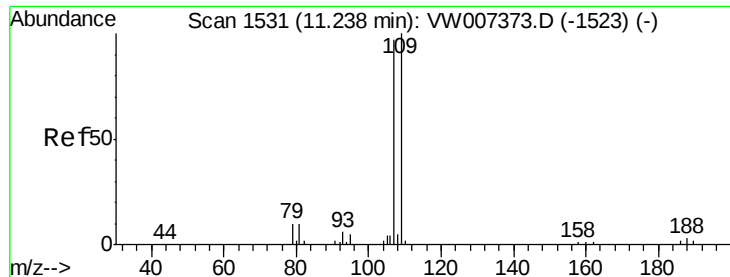
Tgt Ion: 43 Resp: 81132
Ion Ratio Lower Upper
43 100
58 54.4 27.1 81.3



#60
Dibromochloromethane
Concen: 56.376 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion: 129 Resp: 44300
Ion Ratio Lower Upper
129 100
127 75.1 38.1 114.3

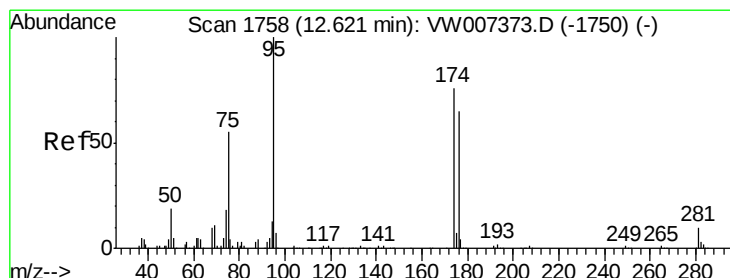
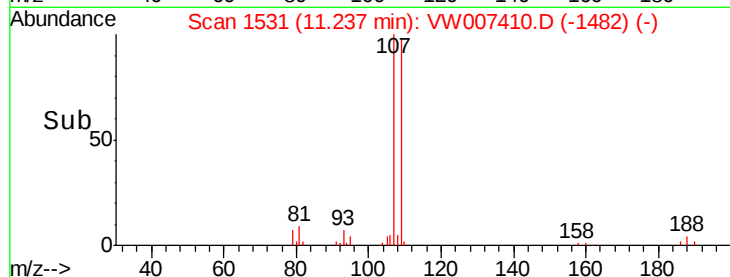
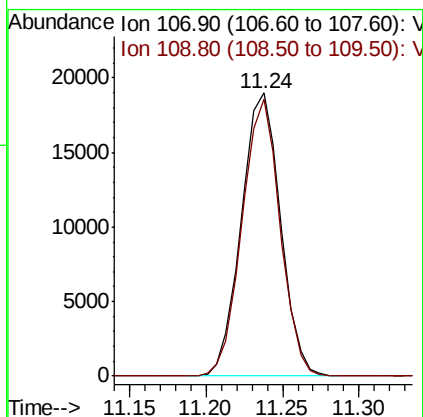
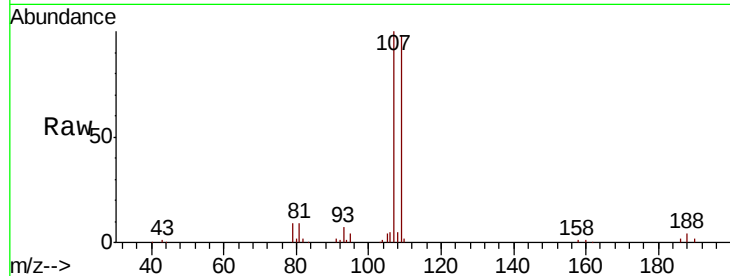




#61
 1,2-Dibromoethane
 Concen: 54.871 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

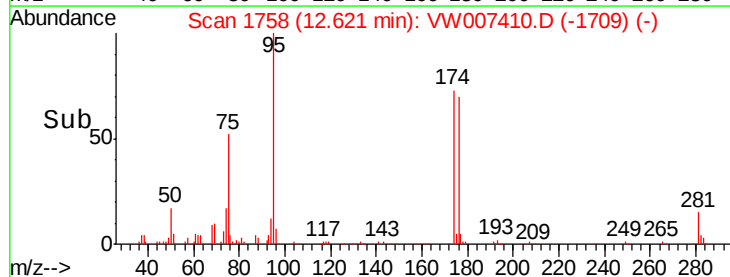
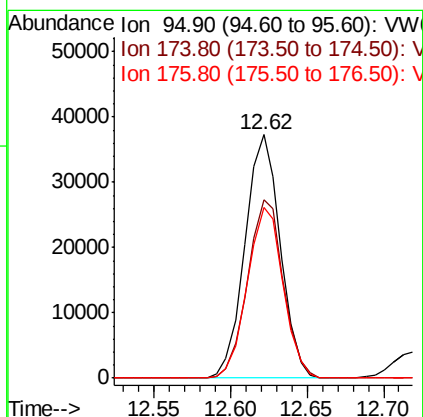
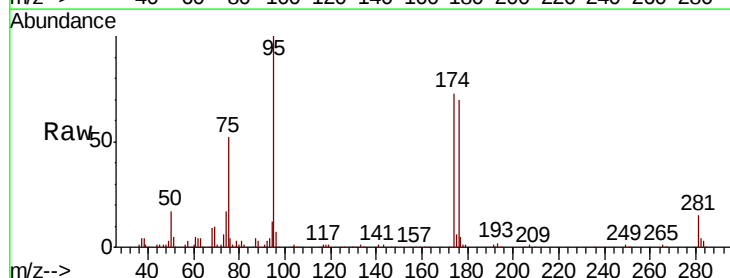
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

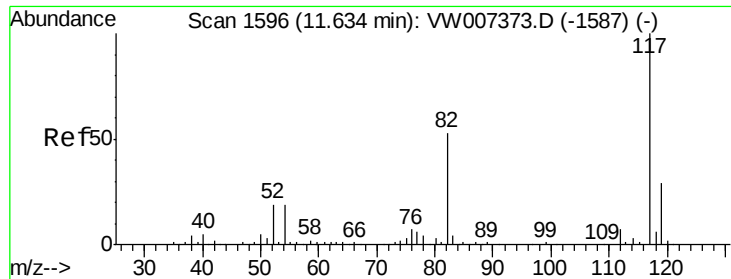
Tgt Ion: 107 Resp: 33764
 Ion Ratio Lower Upper
 107 100
 109 94.8 79.1 118.7



#62
 4-Bromofluorobenzene
 Concen: 51.980 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion: 95 Resp: 59651
 Ion Ratio Lower Upper
 95 100
 174 74.3 0.0 147.2
 176 71.3 0.0 138.8

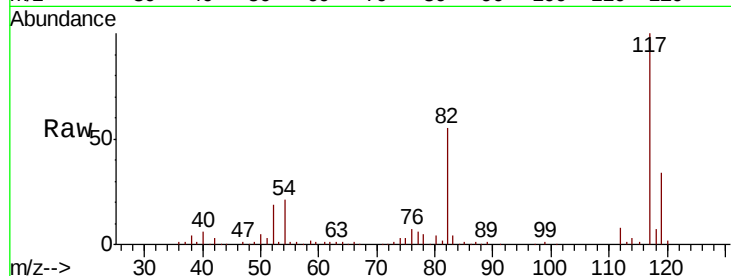




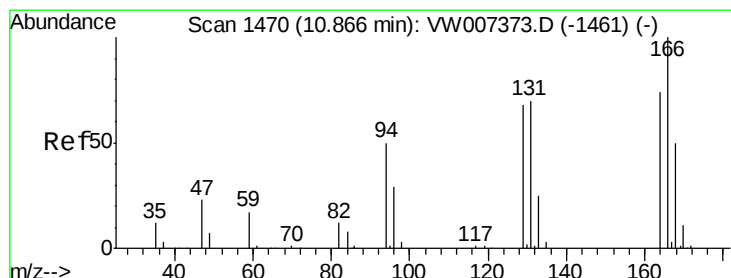
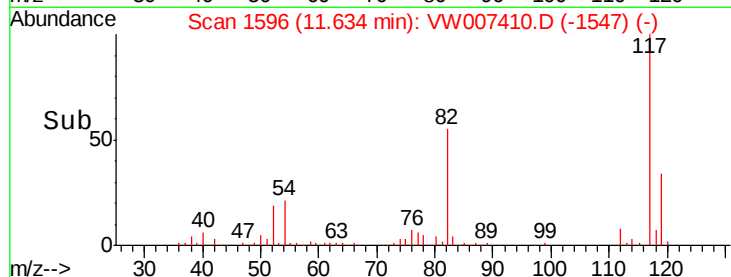
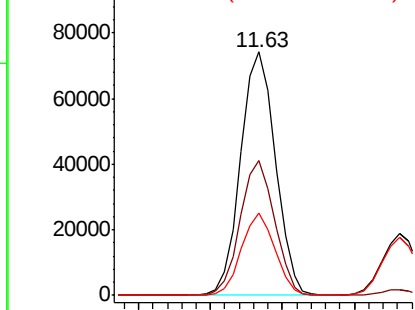
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 124371
Ion Ratio Lower Upper
117 100
82 55.3 42.3 63.5
119 33.9 23.0 34.6

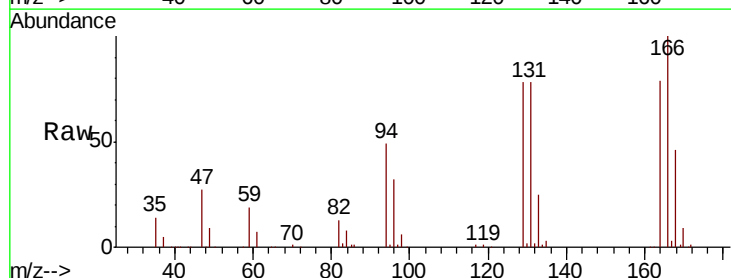


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

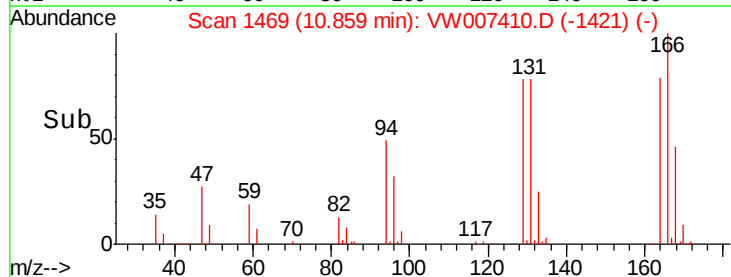
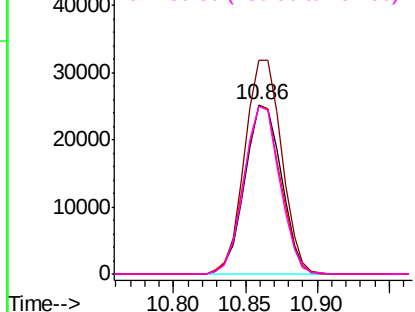


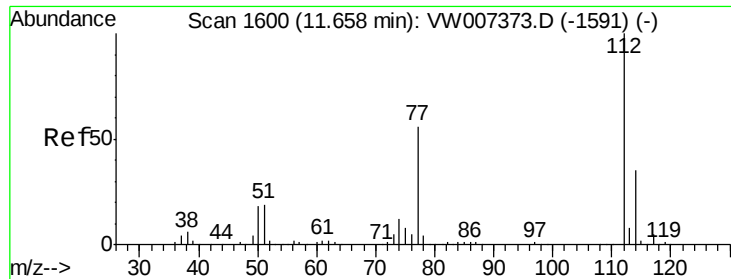
#64
Tetrachloroethene
Concen: 49.596 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion:164 Resp: 44358
Ion Ratio Lower Upper
164 100
166 126.0 107.9 161.9
129 98.8 73.4 110.2
131 98.9 75.8 113.6



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

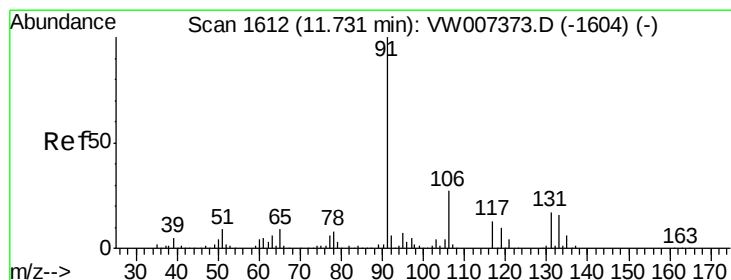
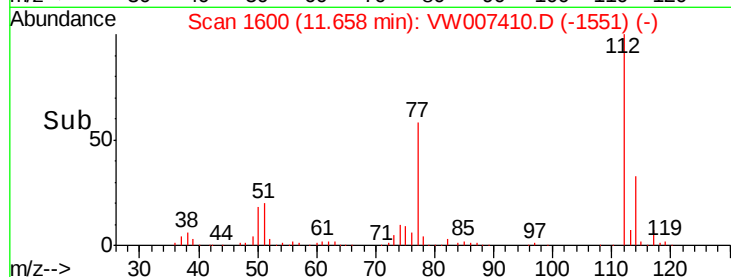
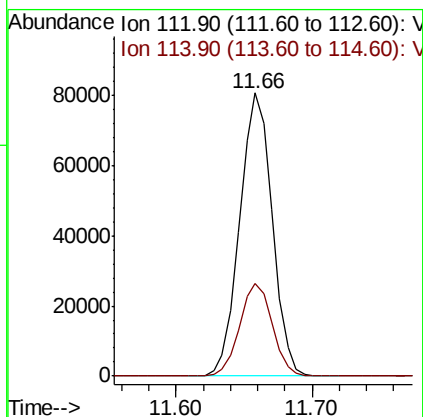
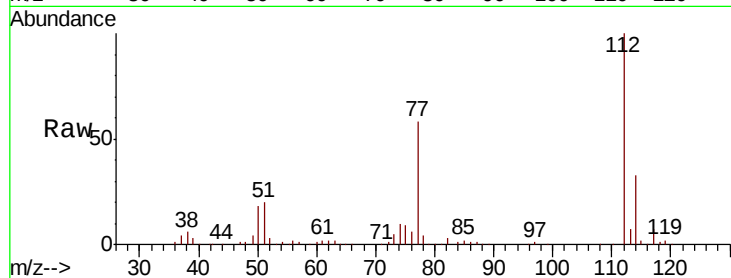




#65
Chlorobenzene
Concen: 51.992 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

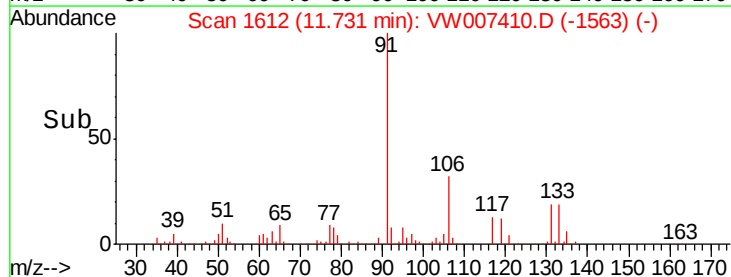
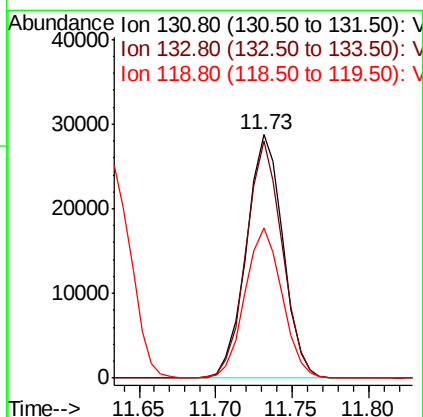
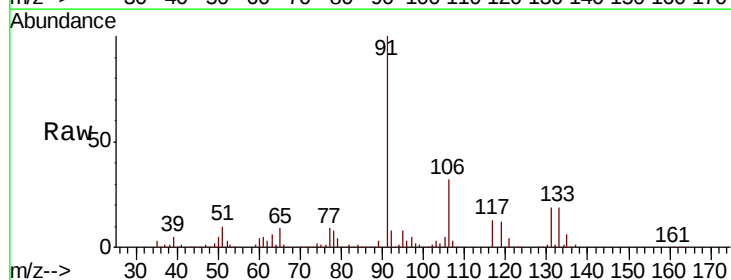
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

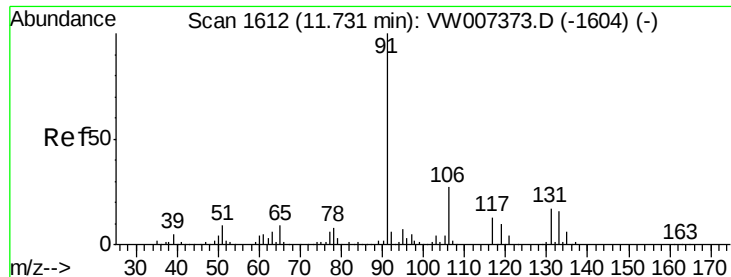
Tgt Ion:112 Resp: 134777
Ion Ratio Lower Upper
112 100
114 32.7 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.394 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion:131 Resp: 47836
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 62.4 31.3 93.9

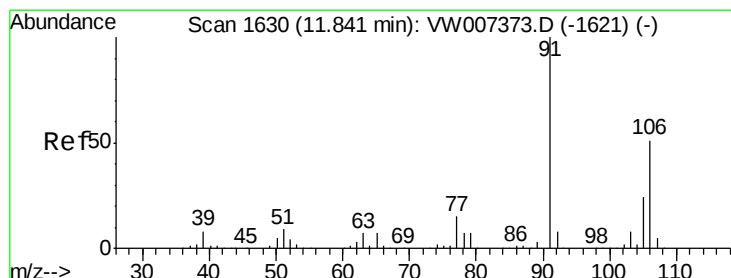
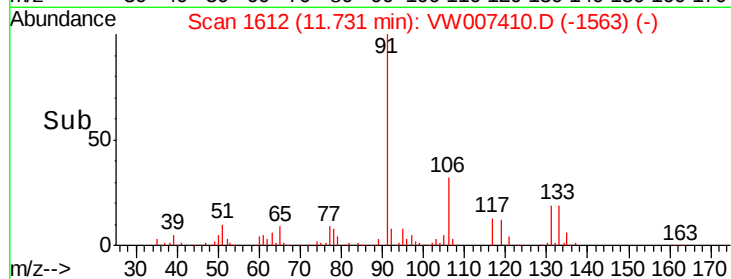
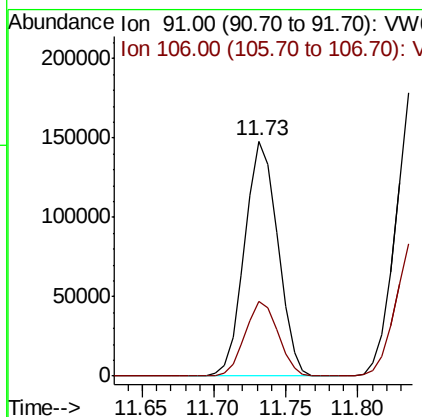
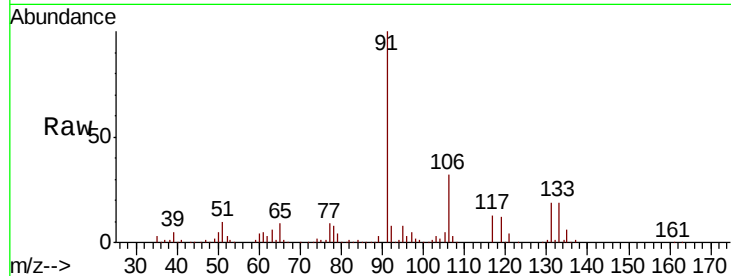




#67
Ethyl Benzene
Concen: 53.151 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

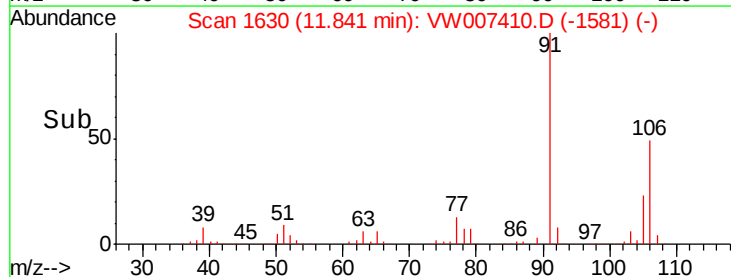
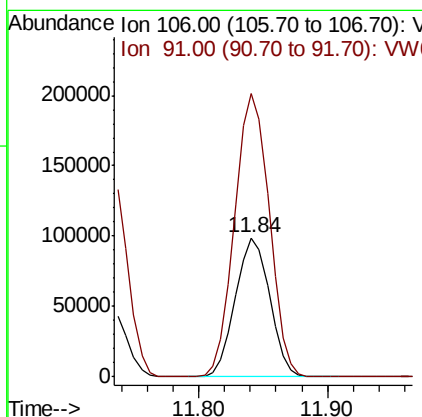
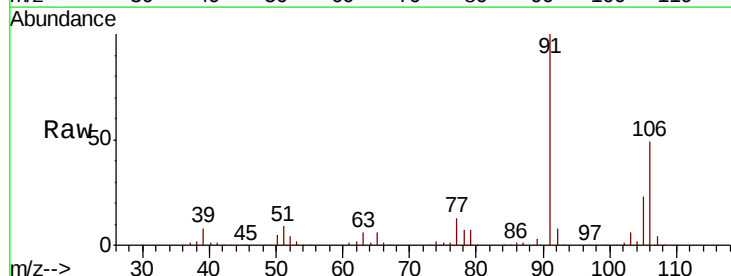
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

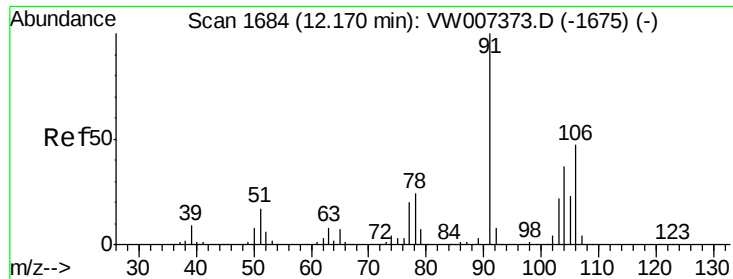
Tgt Ion: 91 Resp: 236885
Ion Ratio Lower Upper
91 100
106 31.8 21.8 32.8



#68
m/p-Xylenes
Concen: 105.742 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion: 106 Resp: 183212
Ion Ratio Lower Upper
106 100
91 205.4 165.3 247.9

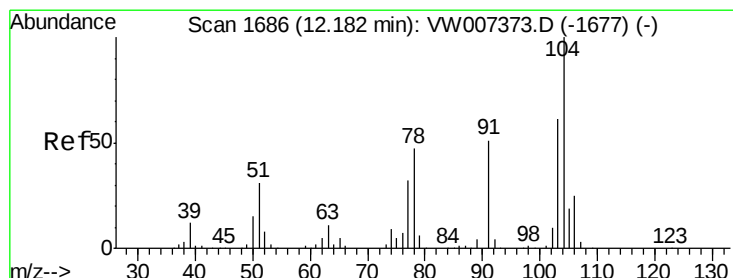
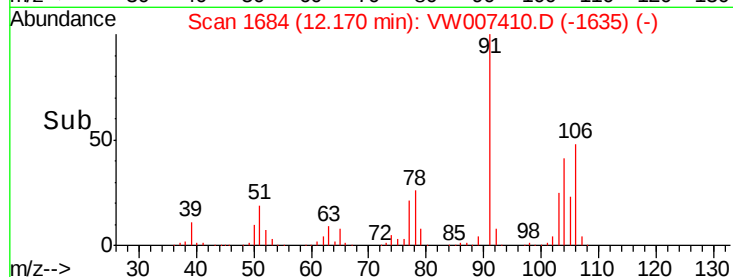
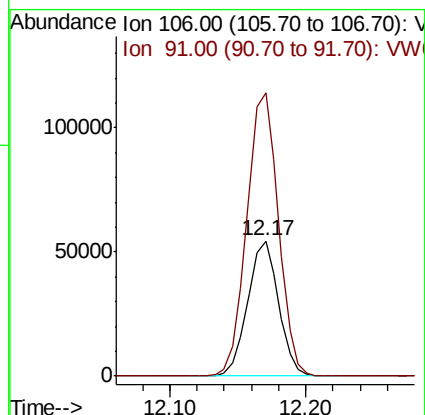
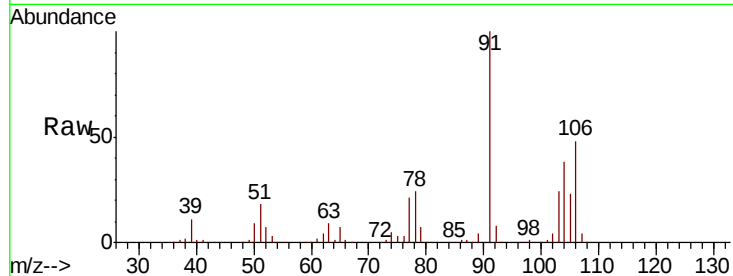




#69
o-Xylene
Concen: 53.491 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

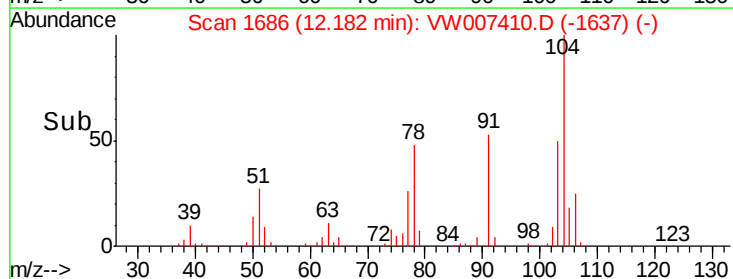
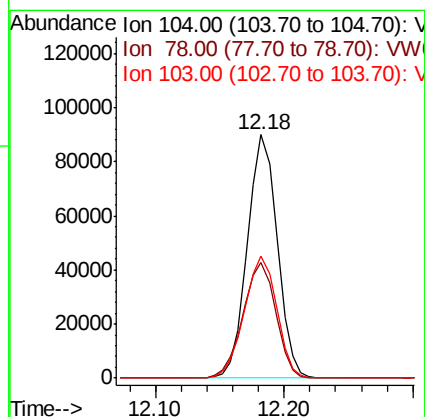
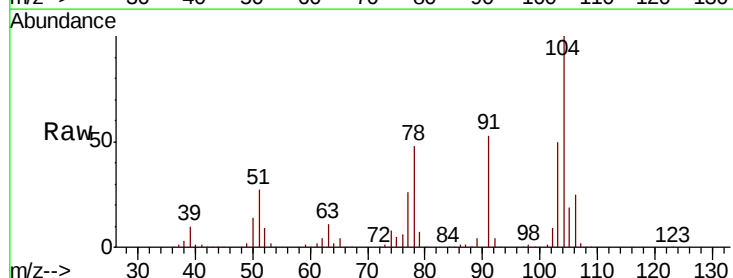
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

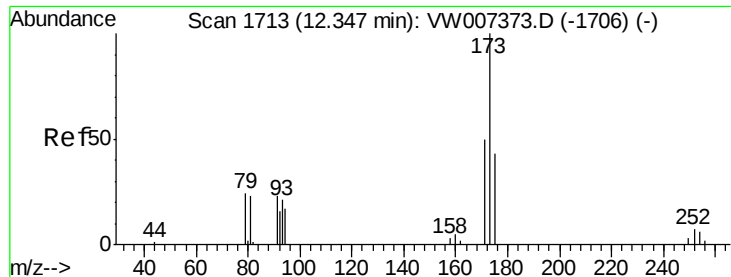
Tgt Ion:106 Resp: 86557
Ion Ratio Lower Upper
106 100
91 214.9 106.6 319.8



#70
Styrene
Concen: 55.011 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion:104 Resp: 143781
Ion Ratio Lower Upper
104 100
78 52.4 41.8 62.8
103 54.5 46.6 69.8





#71

Bromoform

Concen: 51.096 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

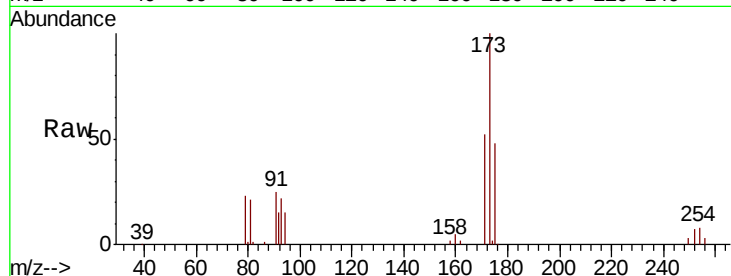
Tgt Ion:173 Resp: 23878

Ion Ratio Lower Upper

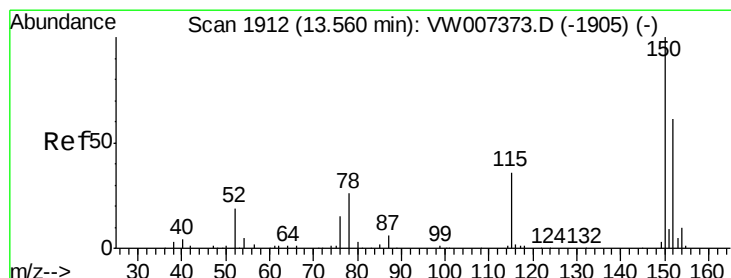
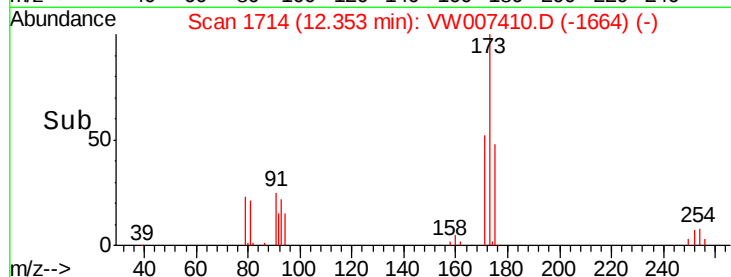
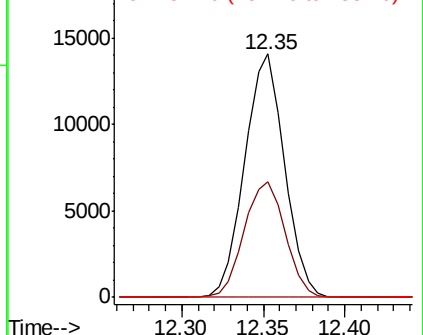
173 100

175 49.0 23.6 70.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

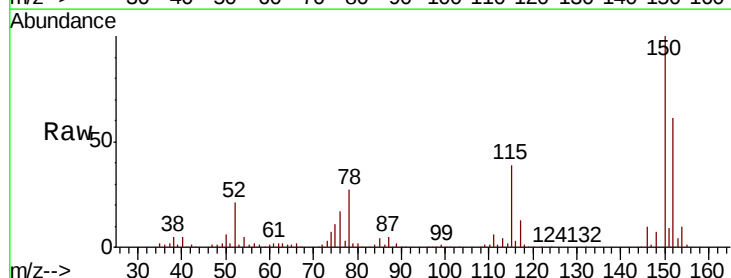
Tgt Ion:152 Resp: 61048

Ion Ratio Lower Upper

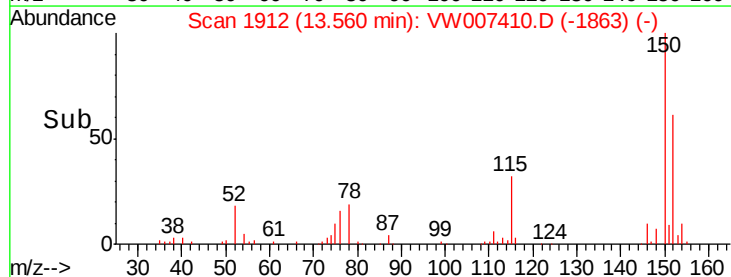
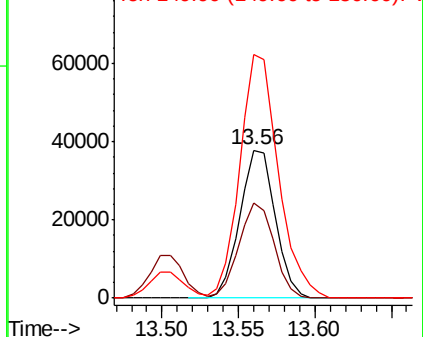
152 100

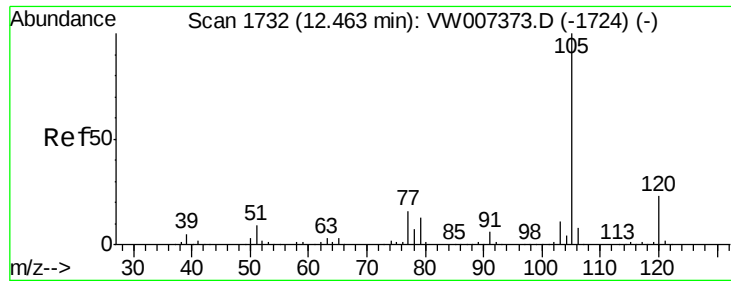
115 63.5 31.4 94.2

150 178.5 0.0 358.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.532 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

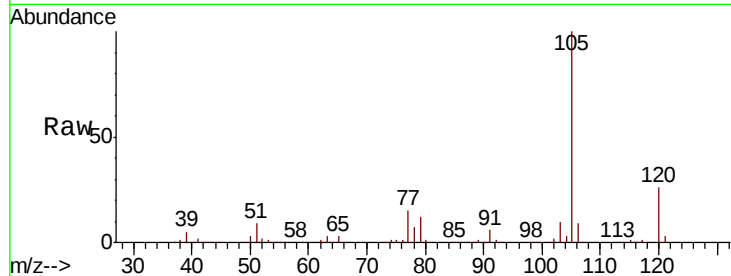
VSTDCCC050

Tgt Ion: 105 Resp: 241053

Ion Ratio Lower Upper

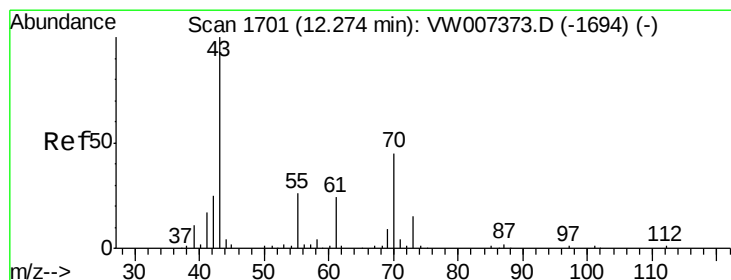
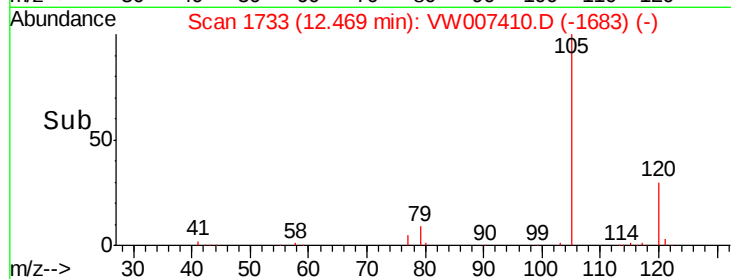
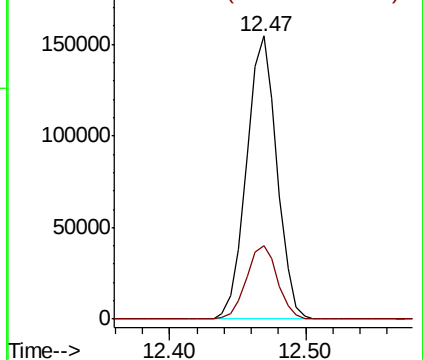
105 100

120 26.5 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.421 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Tgt Ion: 43 Resp: 44565

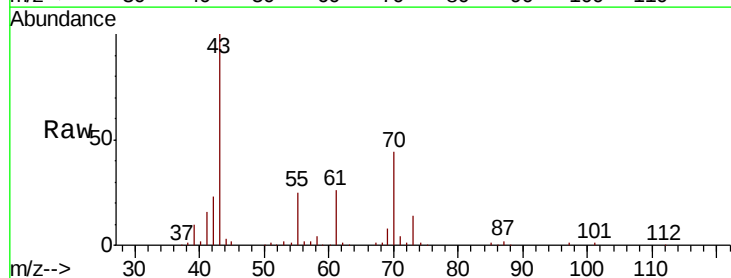
Ion Ratio Lower Upper

43 100

70 44.6 36.5 54.7

55 24.9 20.1 30.1

61 25.3 19.3 28.9

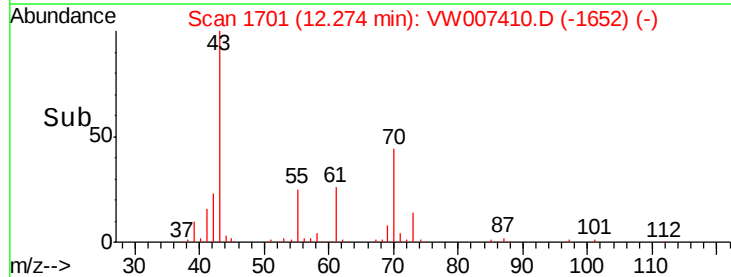
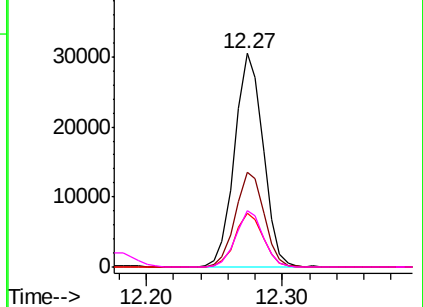


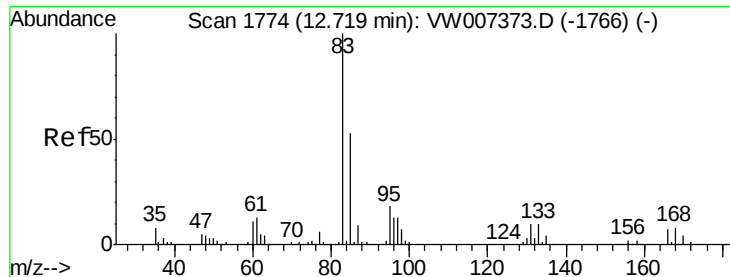
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 52.365 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

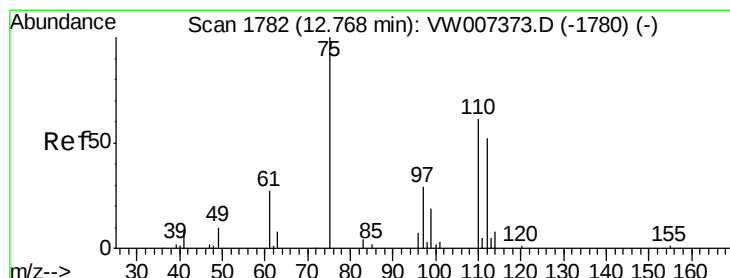
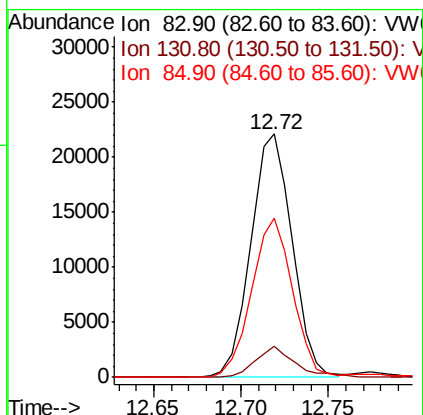
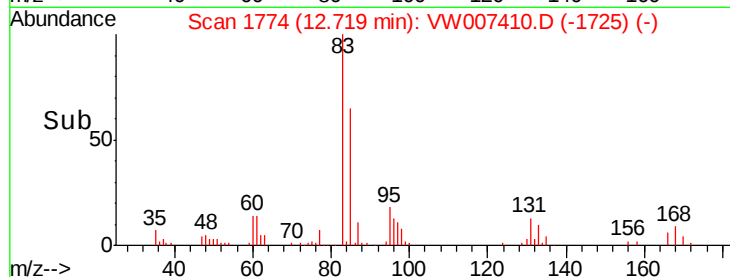
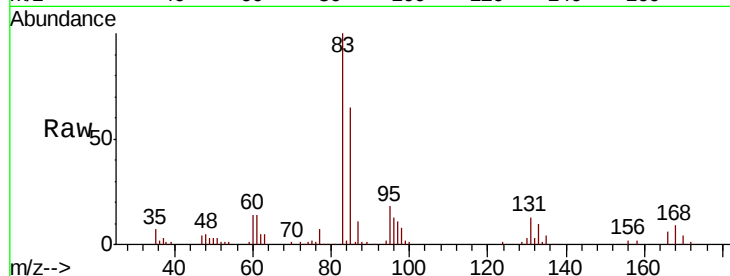
Tgt Ion: 83 Resp: 36280

Ion Ratio Lower Upper

83 100

131 12.3 5.9 17.8

85 64.8 30.0 90.0



#76

1,2,3-Trichloropropane

Concen: 101.135 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW007410.D

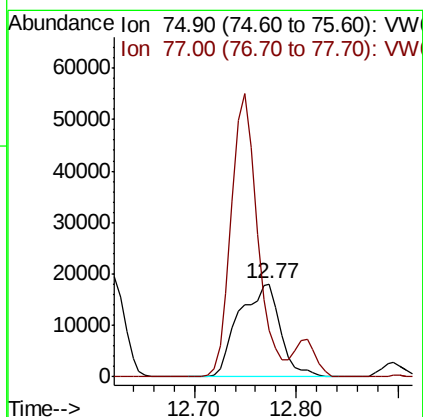
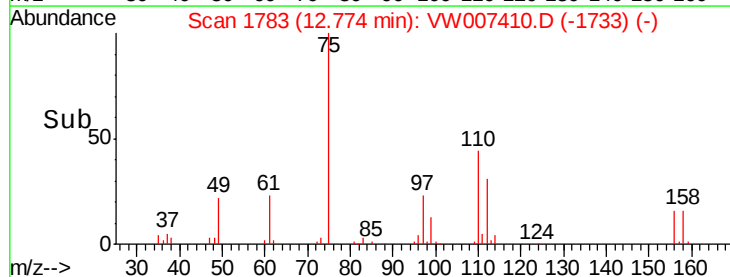
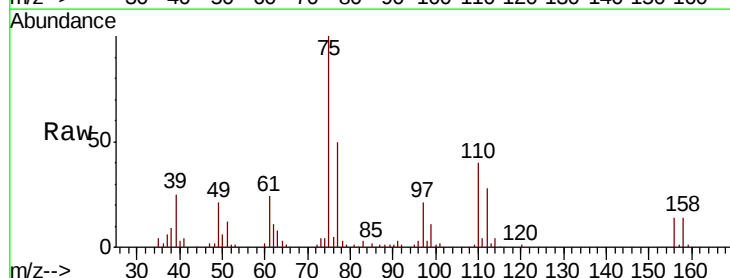
Acq: 11 Dec 2018 23:11

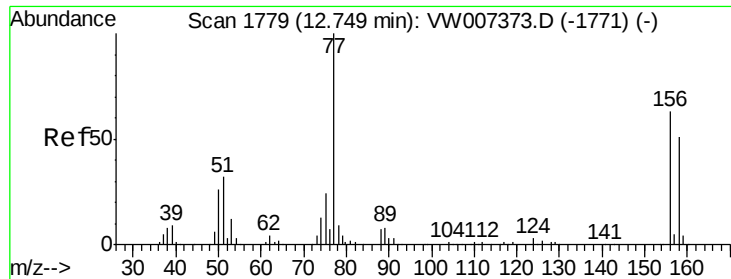
Tgt Ion: 75 Resp: 50907

Ion Ratio Lower Upper

75 100

77 0.0 166.9 500.8#





#77

Bromobenzene

Concen: 52.635 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

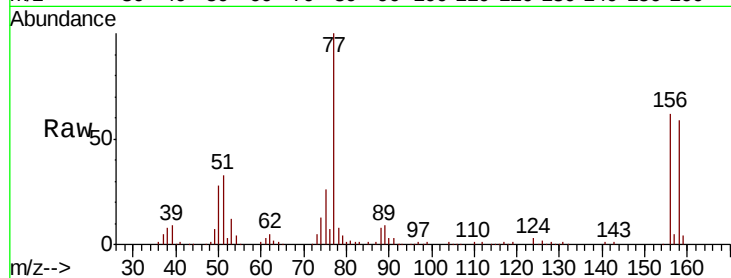
Tgt Ion:156 Resp: 54576

Ion Ratio Lower Upper

156 100

77 182.0 88.1 264.4

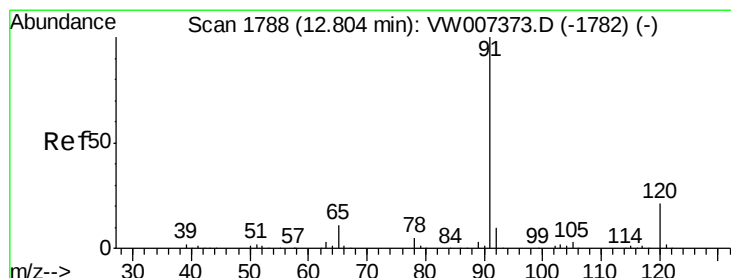
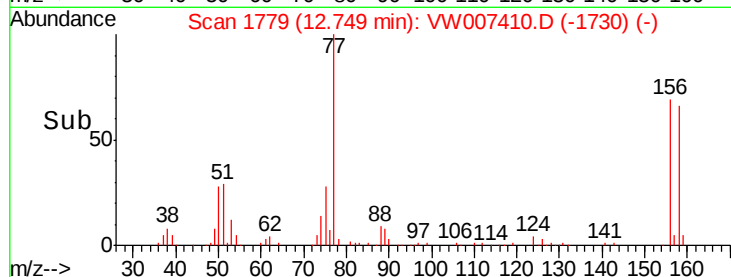
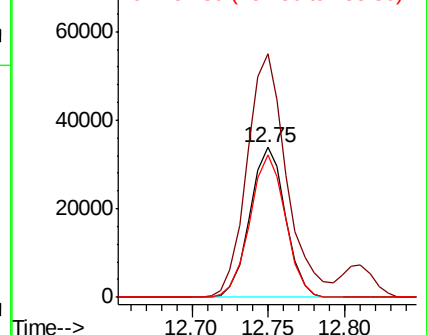
158 95.3 45.6 136.7



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: 53.465 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007410.D

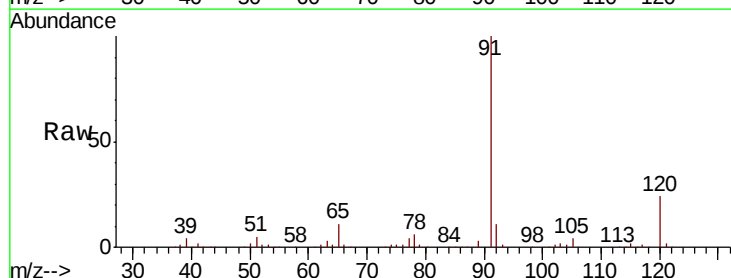
Acq: 11 Dec 2018 23:11

Tgt Ion: 91 Resp: 281461

Ion Ratio Lower Upper

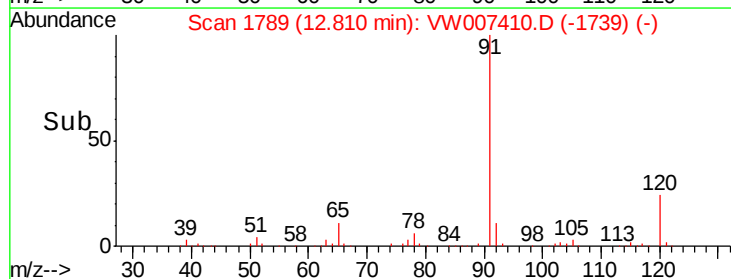
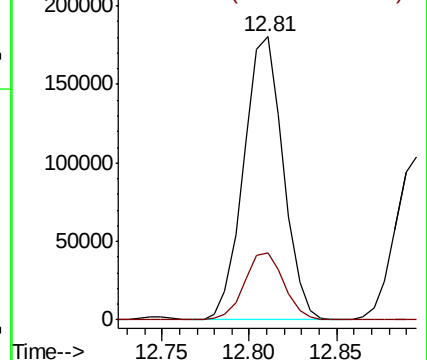
91 100

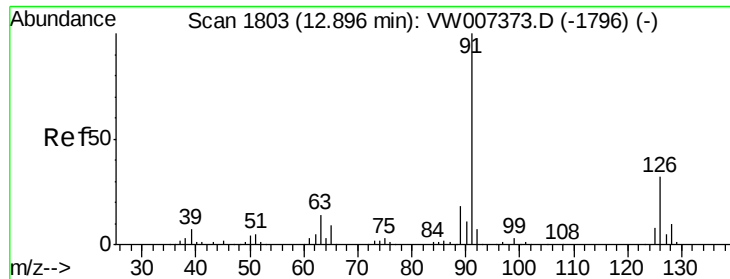
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

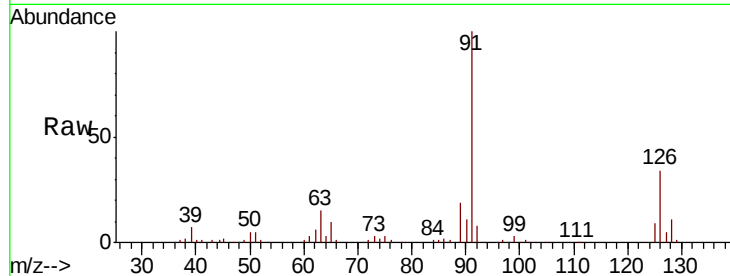




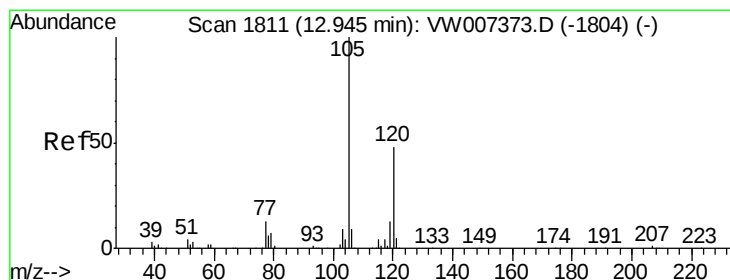
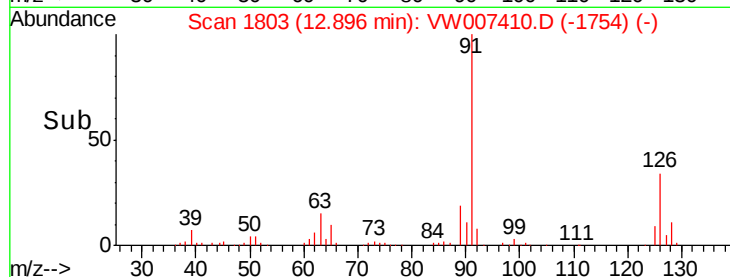
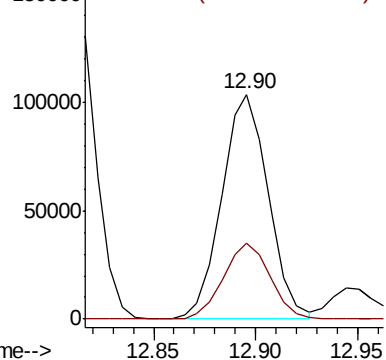
#79
 2-Chlorotoluene
 Concen: 51.609 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 164394
 Ion Ratio Lower Upper
 91 100
 126 34.0 15.9 47.6

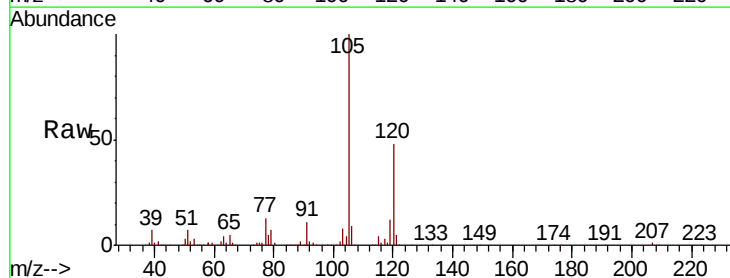


Abundance Ion 91.00 (90.70 to 91.70): VW
 Ion 125.90 (125.60 to 126.60): V

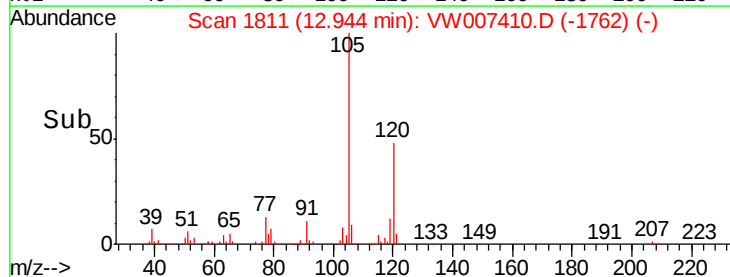
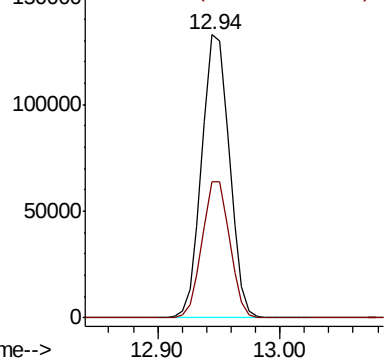


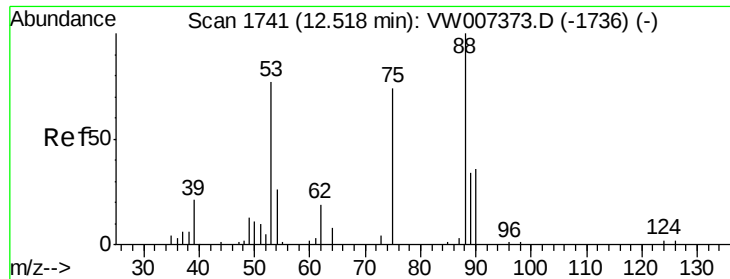
#80
 1,3,5-Trimethylbenzene
 Concen: 52.647 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion: 105 Resp: 206927
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

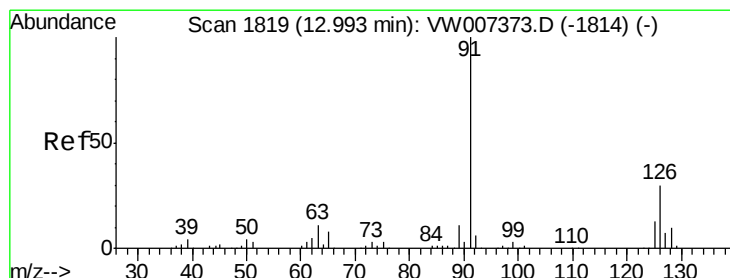
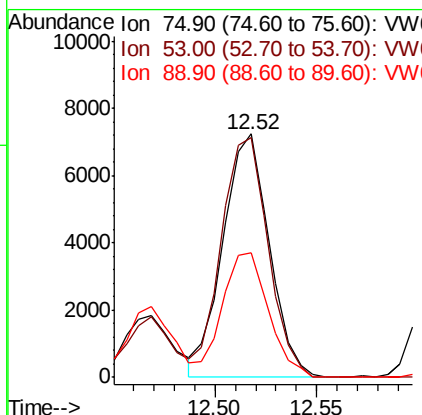
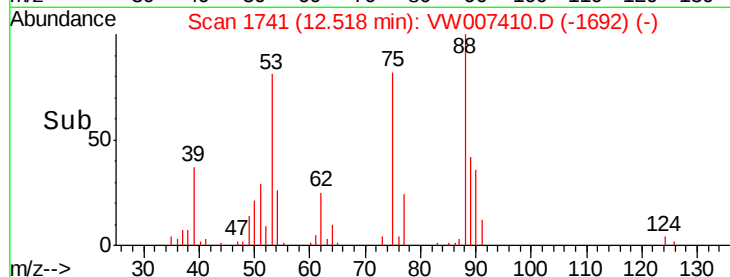
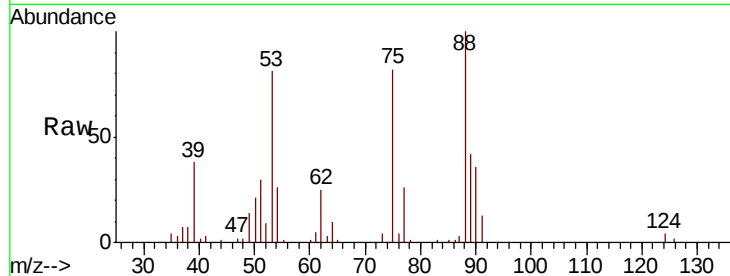




#81
trans-1,4-Dichloro-2-butene
Concen: 50.095 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

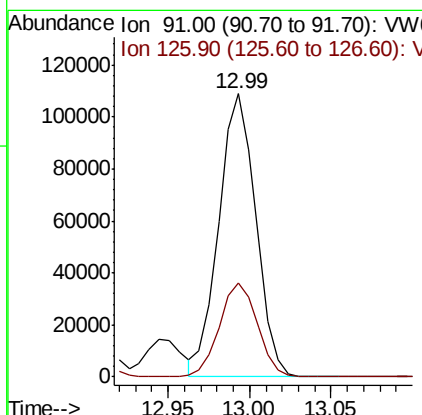
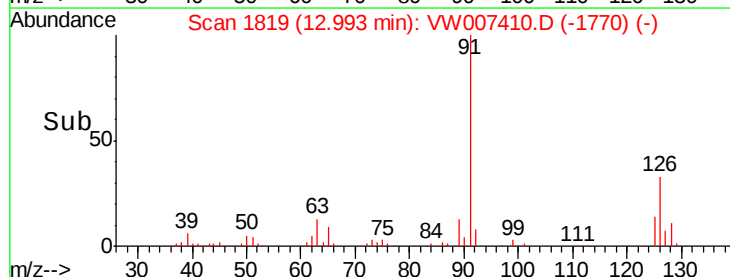
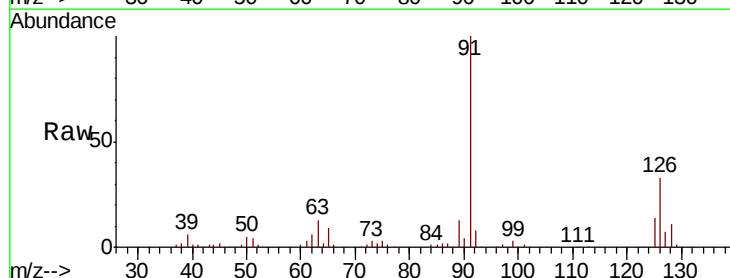
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

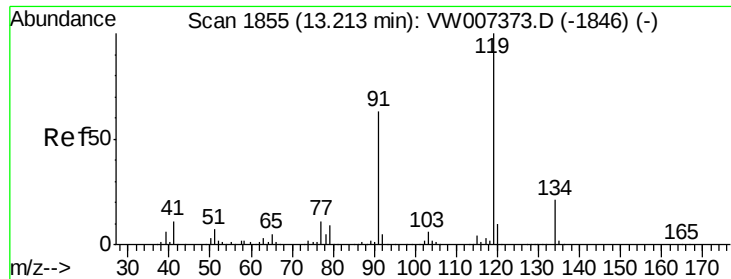
Tgt Ion: 75 Resp: 11415
Ion Ratio Lower Upper
75 100
53 99.5 84.9 127.3
89 51.5 40.3 60.5



#82
4-Chlorotoluene
Concen: 51.321 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion: 91 Resp: 172319
Ion Ratio Lower Upper
91 100
126 33.8 16.0 48.0





#83

tert-Butylbenzene

Concen: 52.433 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

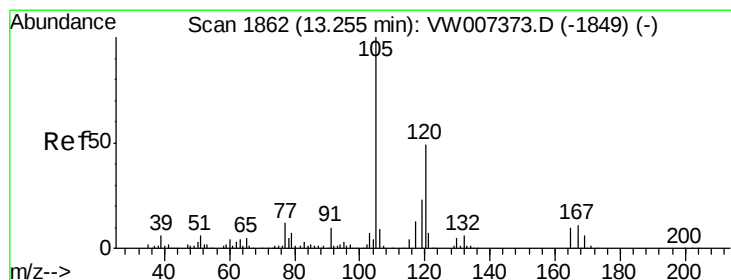
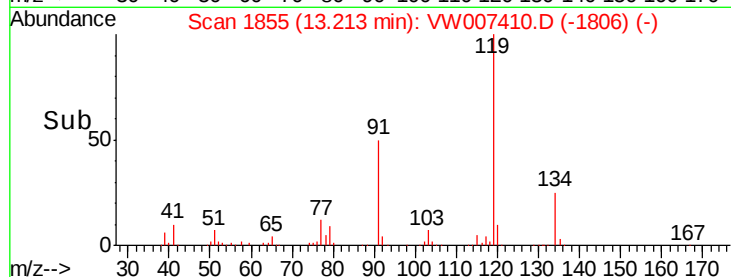
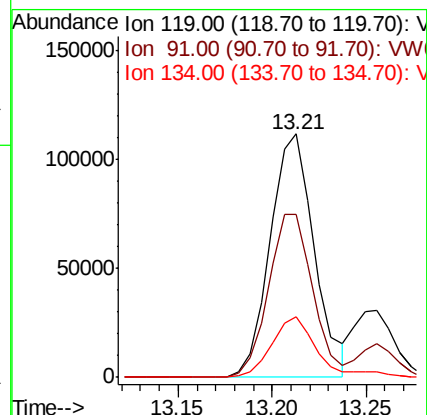
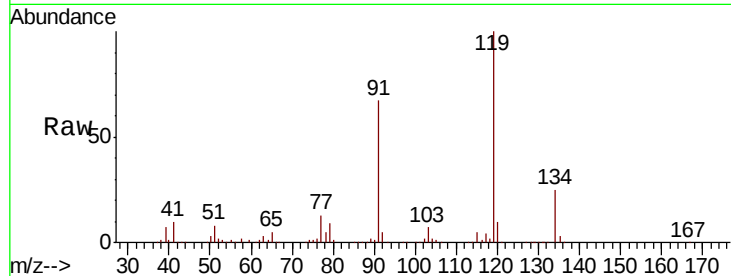
Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:	119	Resp:	181590
Ion	Ratio	Lower	Upper
119	100		
91	67.0	33.1	99.2
134	24.0	12.5	37.5



#84

1,2,4-Trimethylbenzene

Concen: 52.335 ug/l

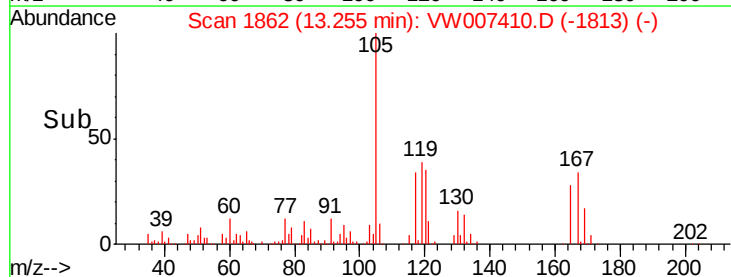
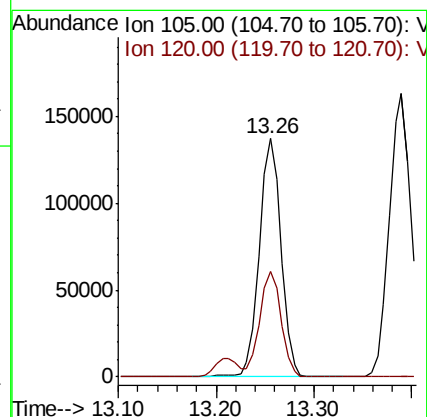
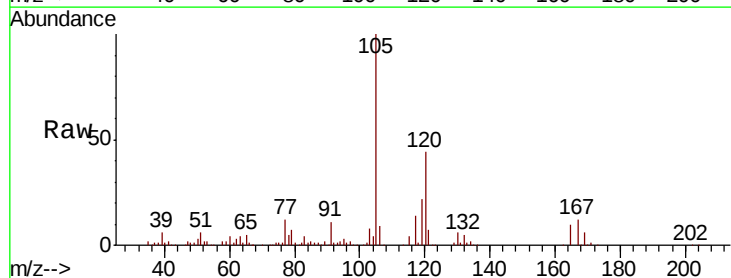
RT: 13.26 min Scan# 1862

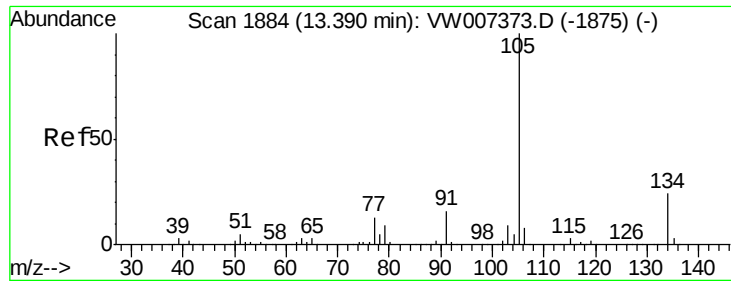
Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Tgt Ion:	105	Resp:	211674
Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.6	67.7





#85

sec-Butylbenzene

Concen: 52.649 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

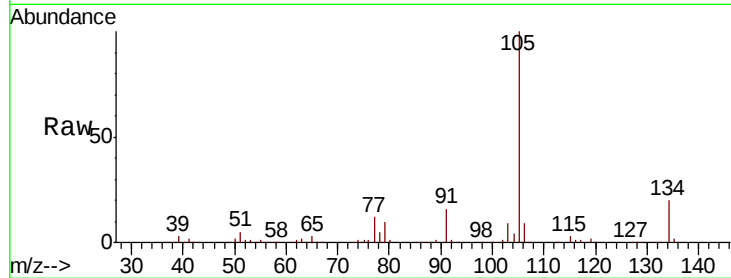
VSTDCCC050

Tgt Ion:105 Resp: 248913

Ion Ratio Lower Upper

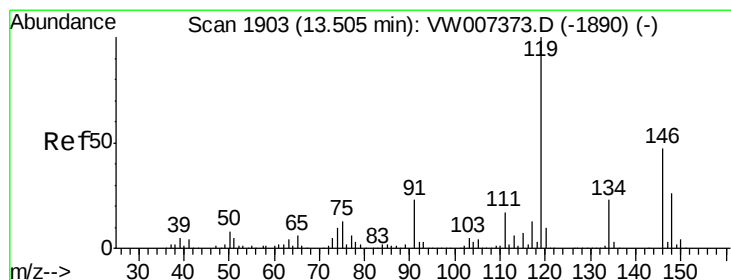
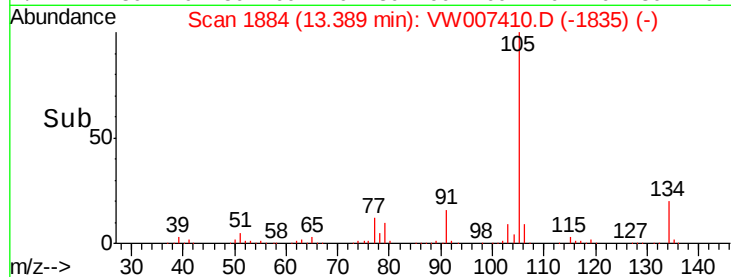
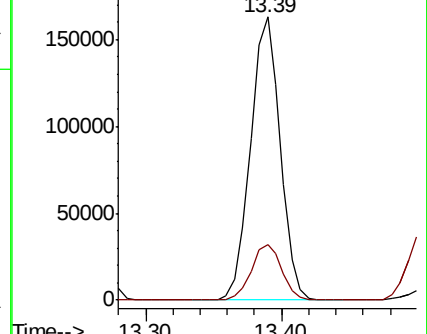
105 100

134 20.0 11.1 33.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.970 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

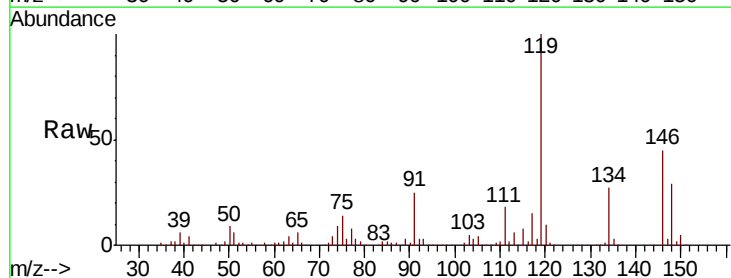
Tgt Ion:119 Resp: 220733

Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.7

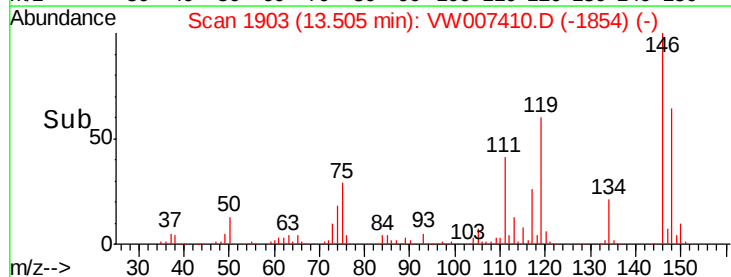
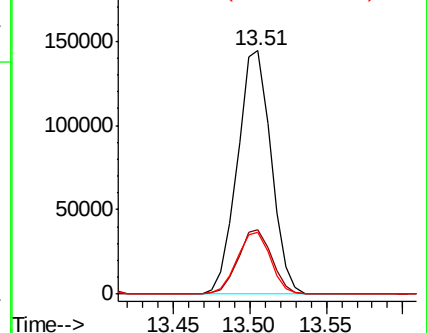
91 25.3 11.9 35.9

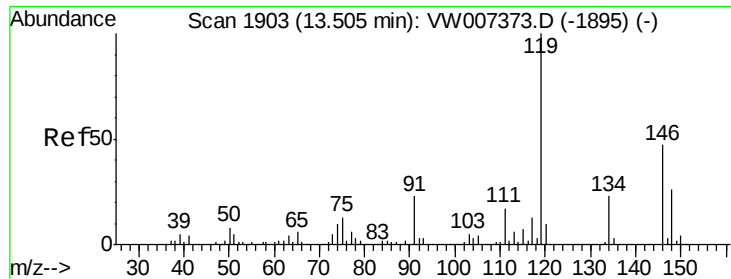


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

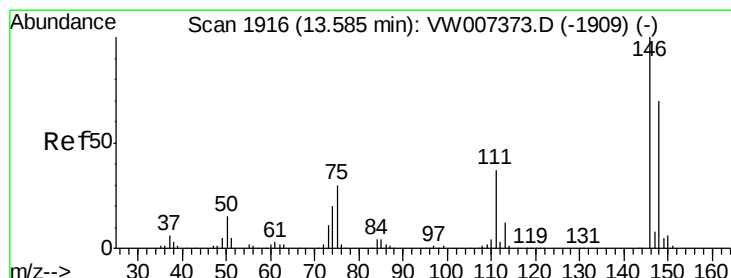
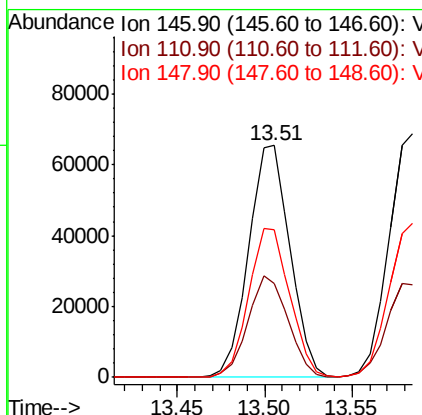
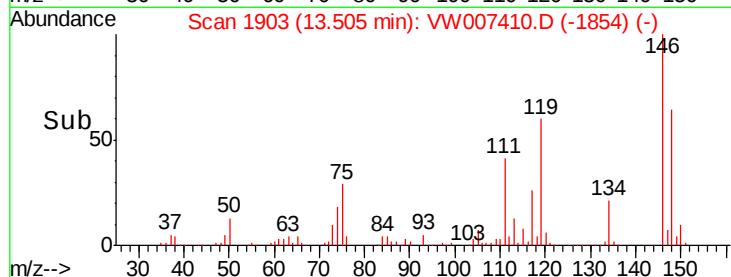
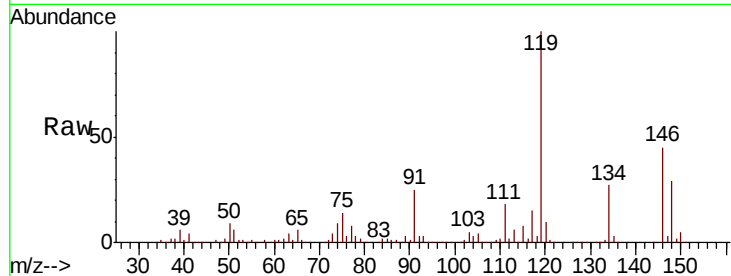




#87
 1,3-Dichlorobenzene
 Concen: 51.997 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

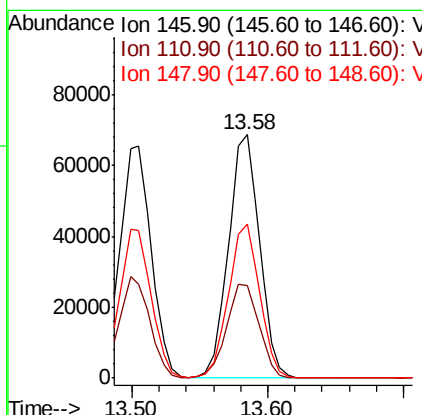
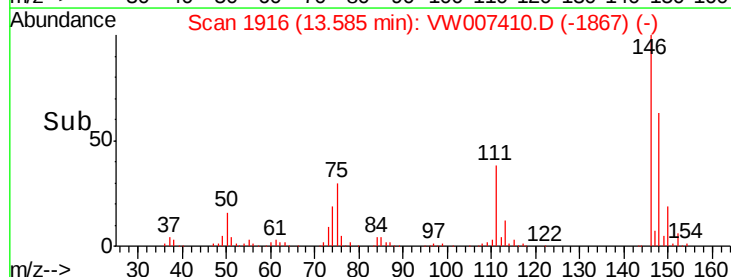
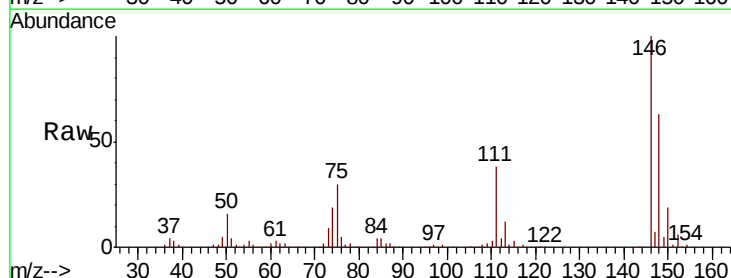
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

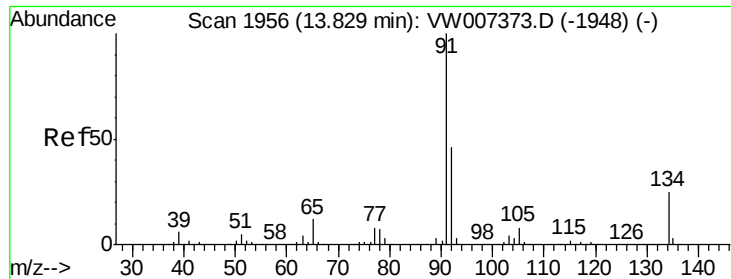
Tgt Ion:146 Resp: 107494
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.1 60.3
 148 63.7 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 52.427 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion:146 Resp: 108960
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 61.0
 148 63.5 33.5 100.5





#89

n-Butylbenzene

Concen: 52.471 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007410.D

Acq: 11 Dec 2018 23:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

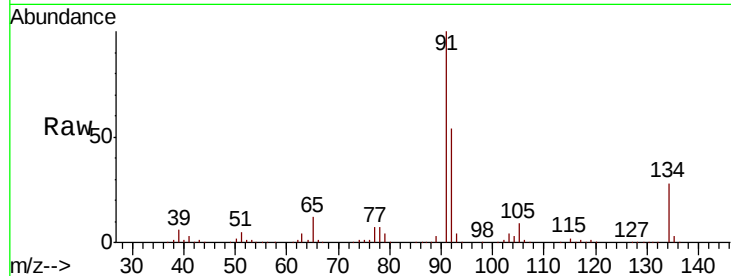
Tgt Ion: 91 Resp: 206604

Ion Ratio Lower Upper

91 100

92 53.1 25.7 77.1

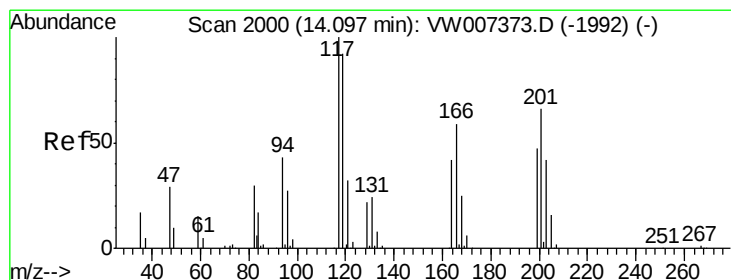
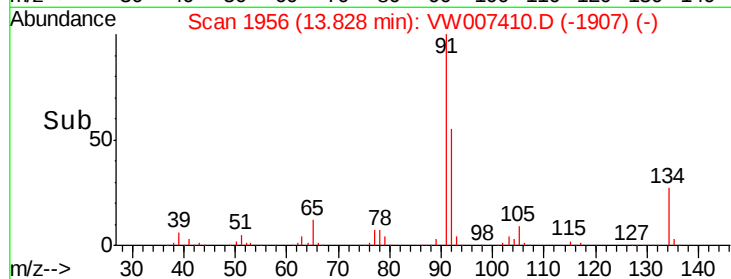
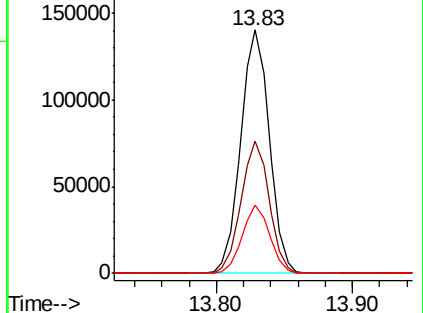
134 27.0 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.366 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007410.D

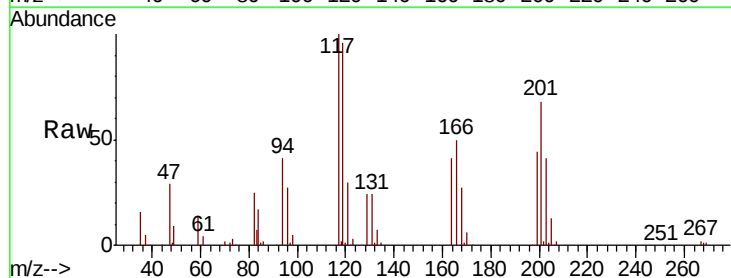
Acq: 11 Dec 2018 23:11

Tgt Ion: 117 Resp: 40330

Ion Ratio Lower Upper

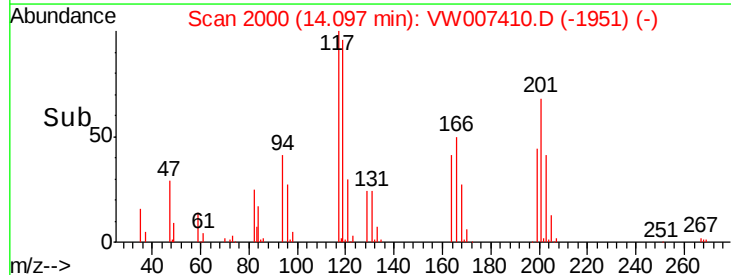
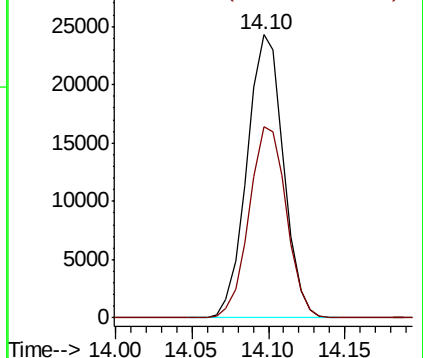
117 100

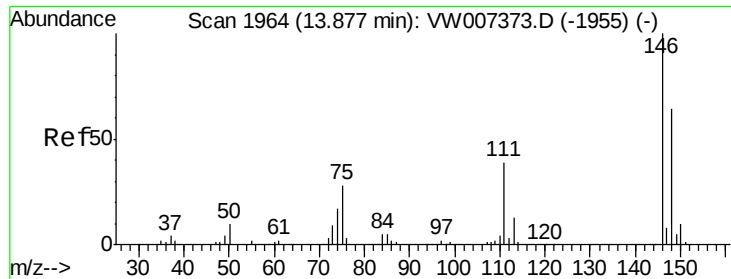
201 69.2 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

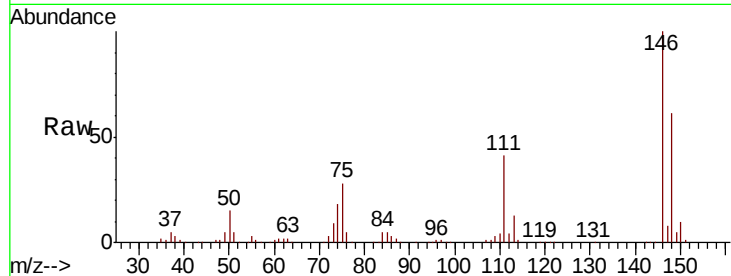




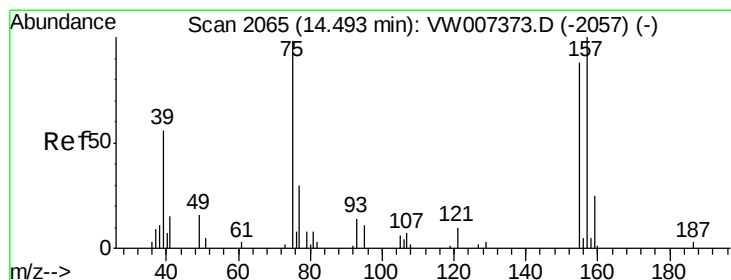
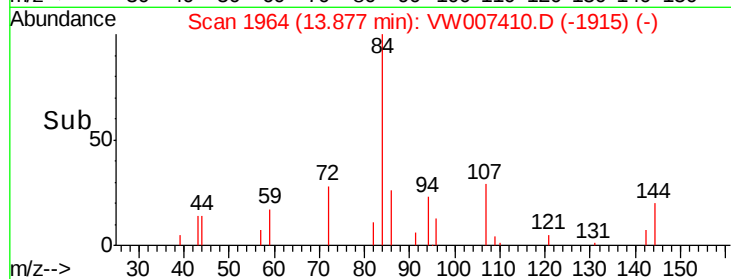
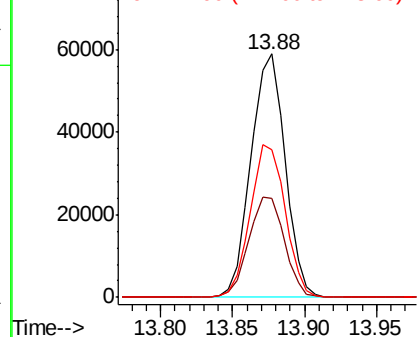
#91
 1,2-Dichlorobenzene
 Concen: 52.128 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 146 Resp: 96521
 Ion Ratio Lower Upper
 146 100
 111 42.9 22.4 67.2
 148 64.1 32.4 97.2

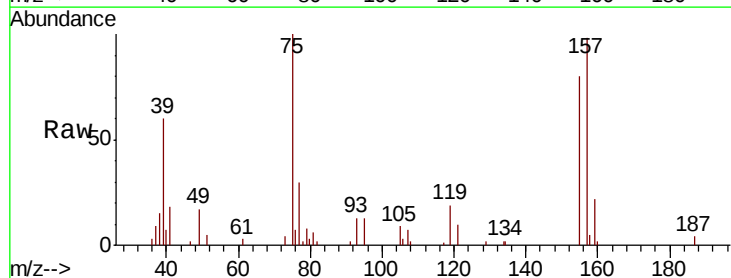


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

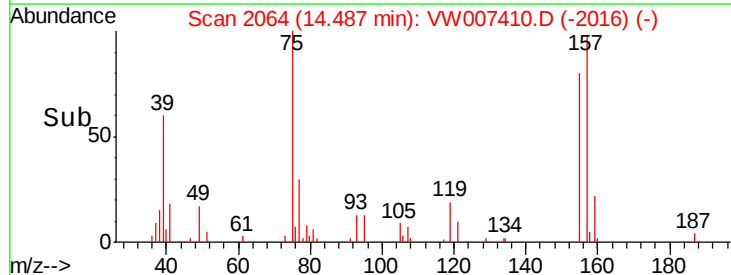
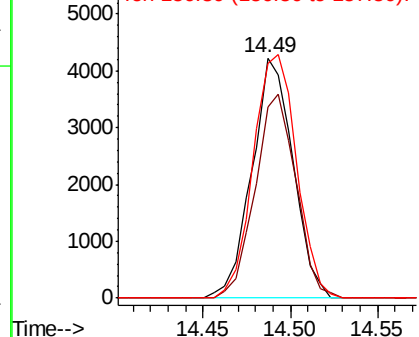


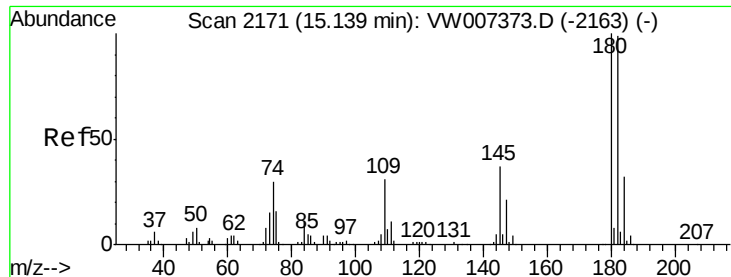
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.692 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion: 75 Resp: 6909
 Ion Ratio Lower Upper
 75 100
 155 84.2 40.8 122.2
 157 106.7 51.1 153.4



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

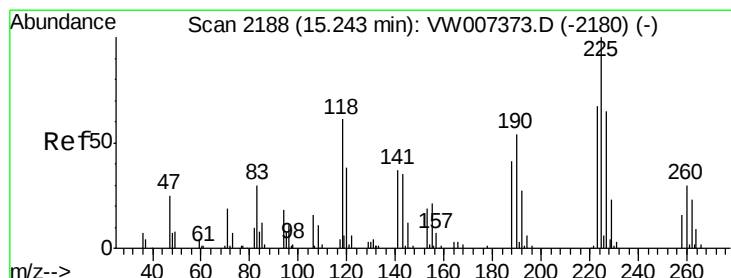
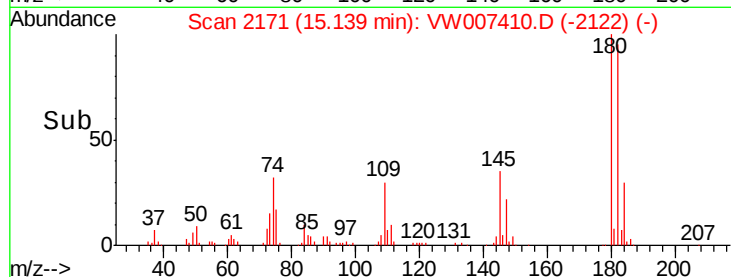
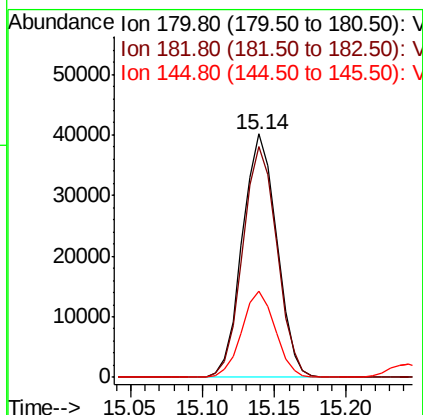
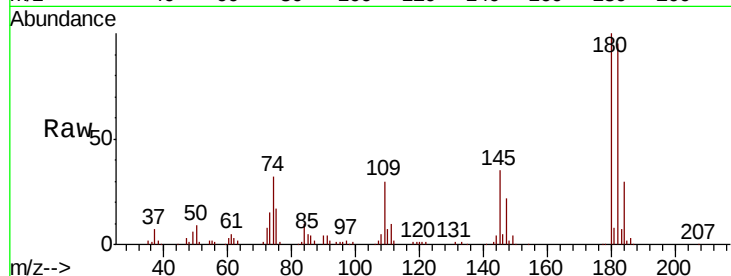




#93
 1,2,4-Trichlorobenzene
 Concen: 52.168 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

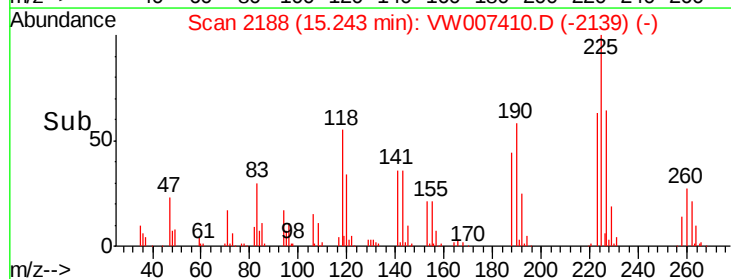
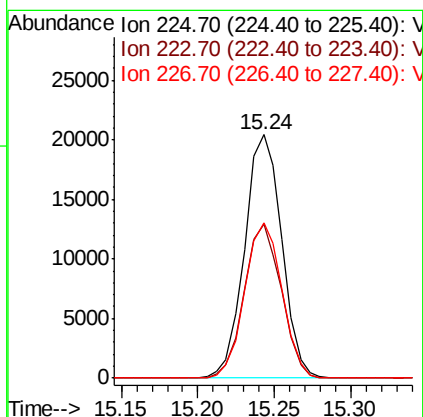
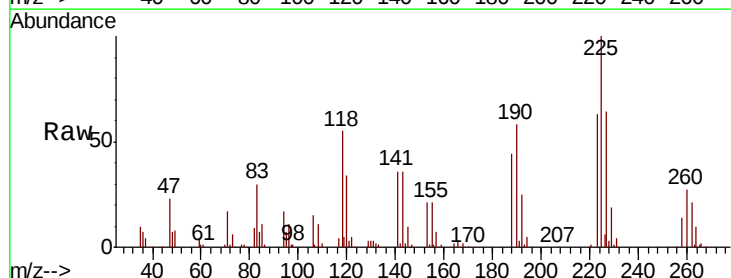
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

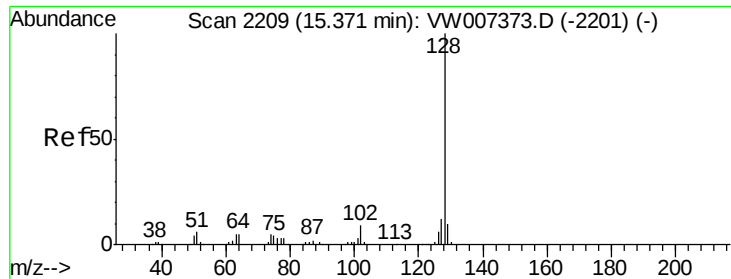
Tgt Ion:180 Resp: 66475
 Ion Ratio Lower Upper
 180 100
 182 94.3 49.9 149.6
 145 34.4 17.8 53.4



#94
 Hexachlorobutadiene
 Concen: 51.005 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007410.D
 Acq: 11 Dec 2018 23:11

Tgt Ion:225 Resp: 34485
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.1 96.3
 227 64.0 31.9 95.9

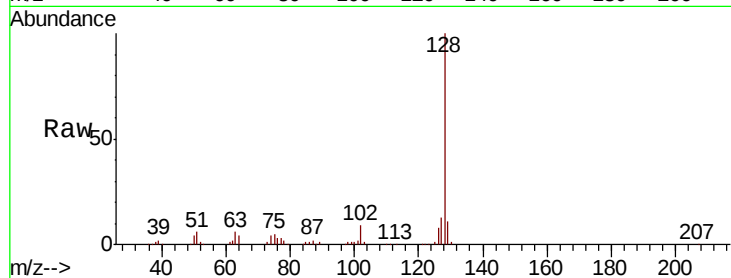




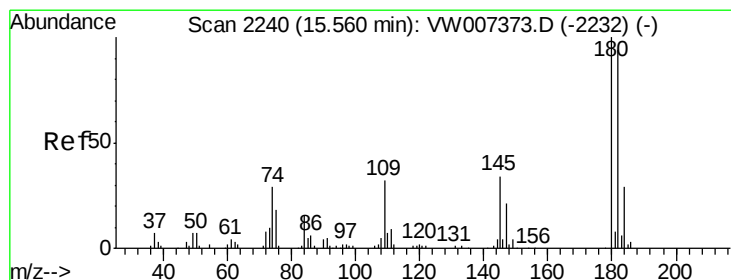
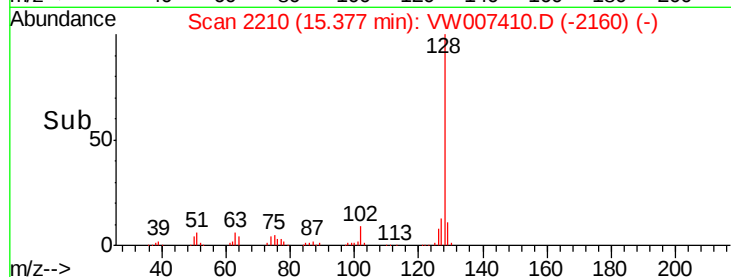
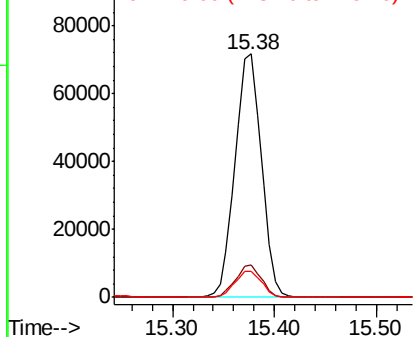
#95
Naphthalene
Concen: 52.635 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 128309
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.3 12.5

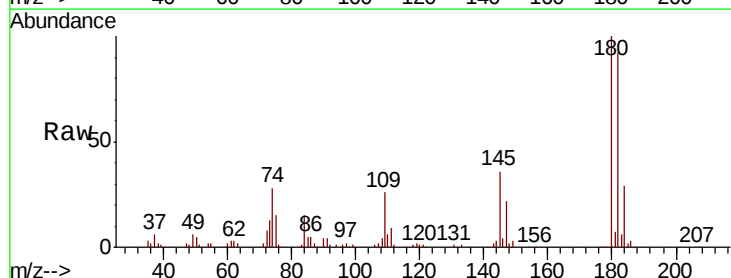


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.999 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007410.D
Acq: 11 Dec 2018 23:11

Tgt Ion:180 Resp: 58666
Ion Ratio Lower Upper
180 100
182 93.9 45.6 136.7
145 36.4 17.5 52.5



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

