

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV121718\
 Data File : VW007522.D
 Acq On : 14 Dec 2018 08:53
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 14 10:37:22 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	73604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	114296	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56715	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	44988	55.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.18%	
35) Dibromofluoromethane	7.88	113	41626	55.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.10%	
50) Toluene-d8	10.32	98	151058	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
62) 4-Bromofluorobenzene	12.62	95	58904	57.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22942	44.604	ug/l	96
3) Chloromethane	2.22	50	19512	45.295	ug/l	96
4) Vinyl Chloride	2.37	62	23619	46.722	ug/l	96
5) Bromomethane	2.78	94	16664	49.062	ug/l	98
6) Chloroethane	2.92	64	13906	49.973	ug/l	96
7) Trichlorofluoromethane	3.26	101	21248	46.752	ug/l	94
8) Diethyl Ether	3.68	74	18691	52.544	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37609	50.151	ug/l	99
10) Methyl Iodide	4.26	142	63193	50.879	ug/l	97
11) Tert butyl alcohol	5.17	59	14563	259.676	ug/l	97
12) 1,1-Dichloroethene	4.03	96	36587	50.672	ug/l	95
13) Acrolein	3.89	56	10581	285.134	ug/l	96
14) Allyl chloride	4.67	41	52944	49.746	ug/l	99
15) Acrylonitrile	5.36	53	42660	284.484	ug/l	99
16) Acetone	4.12	43	35391	248.128	ug/l	96
17) Carbon Disulfide	4.37	76	106809	48.788	ug/l	98
18) Methyl Acetate	4.67	43	21788	56.283	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	59650	54.763	ug/l	99
20) Methylene Chloride	4.91	84	41094	52.914	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	41638	51.551	ug/l	97
22) Diisopropyl ether	6.31	45	105113	51.382	ug/l	96
23) Vinyl Acetate	6.25	43	306489	267.853	ug/l	100
24) 1,1-Dichloroethane	6.21	63	70537	51.017	ug/l	97
25) 2-Butanone	7.17	43	51740	277.864	ug/l	98
26) 2,2-Dichloropropane	7.16	77	40971	44.775	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	46495	52.572	ug/l	99
28) Bromochloromethane	7.51	49	26458	50.874	ug/l	99
29) Tetrahydrofuran	7.52	42	33551	284.618	ug/l	98
30) Chloroform	7.68	83	79138	52.596	ug/l	99
31) Cyclohexane	7.95	56	58108	45.807	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	66216	50.184	ug/l	98
36) 1,1-Dichloropropene	8.08	75	56860	50.355	ug/l	100
37) Ethyl Acetate	7.25	43	23588	56.164	ug/l	98
38) Carbon Tetrachloride	8.07	117	63183	51.425	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	67753	49.552	ug/l	91
40) Benzene	8.32	78	161206	51.443	ug/l	98
41) Methacrylonitrile	7.48	41	13854	57.927	ug/l	95
42) 1,2-Dichloroethane	8.40	62	53480	54.329	ug/l	100
43) Isopropyl Acetate	8.43	43	46102	55.572	ug/l	100
44) Trichloroethene	9.09	130	46441	51.898	ug/l	100
45) 1,2-Dichloropropane	9.37	63	37818	52.151	ug/l	99
46) Dibromomethane	9.46	93	22388	54.364	ug/l	98
47) Bromodichloromethane	9.64	83	57842	53.548	ug/l	97
48) Methyl methacrylate	9.44	41	23280	54.640	ug/l	96
49) 1,4-Dioxane	9.45	88	8192	1225.989	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	114186	291.303	ug/l	100
52) Toluene	10.39	92	106107	52.322	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	56424	53.805	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	61677	50.876	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32134	57.333	ug/l	95
56) Ethyl methacrylate	10.65	69	40023	59.410	ug/l	99
57) 1,3-Dichloropropane	10.93	76	52702	57.288	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	93408	300.673	ug/l	100
59) 2-Hexanone	10.97	43	81641	312.352	ug/l	99
60) Dibromochloromethane	11.13	129	40560	57.343	ug/l	99
61) 1,2-Dibromoethane	11.24	107	32615	58.884	ug/l	95
64) Tetrachloroethene	10.87	164	43247	52.616	ug/l	96
65) Chlorobenzene	11.66	112	122639	51.479	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.73	131	43718	52.105	ug/l	99
67) Ethyl Benzene	11.73	91	210365	51.361	ug/l	93
68) m/p-Xylenes	11.84	106	164538	103.335	ug/l	99
69) o-Xylene	12.17	106	78545	52.818	ug/l	98
70) Styrene	12.18	104	131758	54.855	ug/l	97
71) Bromoform	12.35	173	23097	53.782	ug/l #	98
73) Isopropylbenzene	12.47	105	217364	50.018	ug/l	98
74) N-amyl acetate	12.27	43	44124	55.868	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	35307	54.854	ug/l	93
76) 1,2,3-Trichloropropane	12.77	75	48853	104.469	ug/l	30
77) Bromobenzene	12.75	156	49883	51.785	ug/l	95
78) n-propylbenzene	12.80	91	251076	51.337	ug/l	99
79) 2-Chlorotoluene	12.90	91	149184	50.413	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	189345	51.854	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	10588	50.016	ug/l	96
82) 4-Chlorotoluene	12.99	91	157748	50.570	ug/l	98
83) tert-Butylbenzene	13.21	119	165137	51.325	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	193048	51.376	ug/l	98
85) sec-Butylbenzene	13.39	105	224836	51.189	ug/l	95
86) p-Isopropyltoluene	13.51	119	202422	51.300	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	98874	51.481	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	99159	51.356	ug/l	97
89) n-Butylbenzene	13.83	91	183618	50.197	ug/l	99
90) Hexachloroethane	14.10	117	35372	50.381	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	87544	50.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7124	55.153	ug/l	98

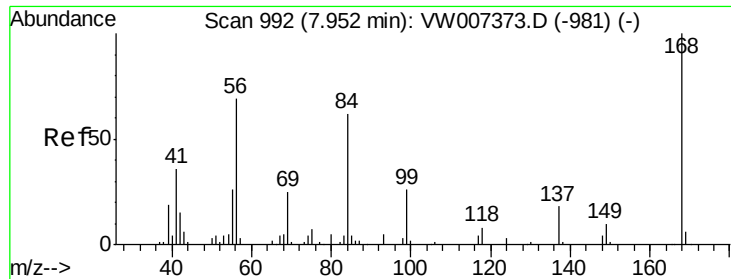
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	60235	50.882	ug/l	95
94) Hexachlorobutadiene	15.24	225	29962	47.701	ug/l	99
95) Naphthalene	15.37	128	126210	55.730	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	53556	52.079	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: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA_W

ClientSampleId :

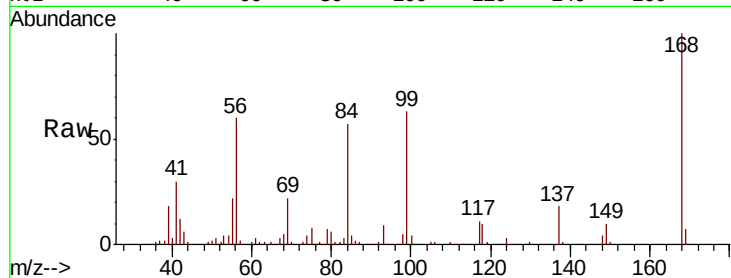
VSTDCCC050

Tot Ion:168 Resp: 73604

Ion Ratio Lower Upper

168 100

99 62.6 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

30000

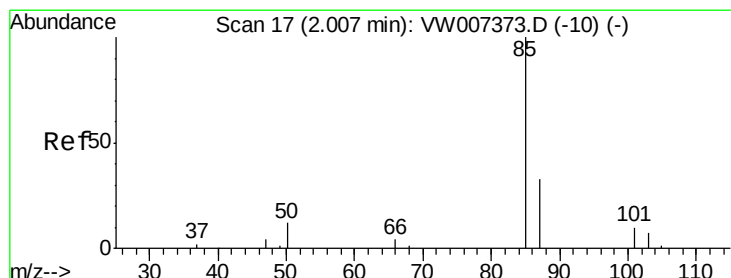
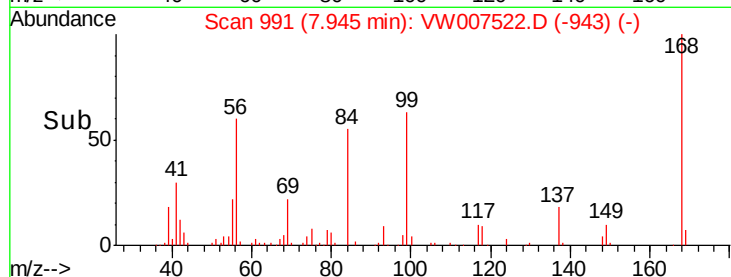
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 44.604 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007522.D

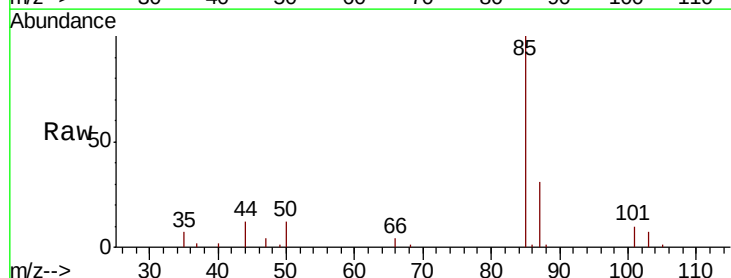
Acq: 14 Dec 2018 08:53

Tgt Ion: 85 Resp: 22942

Ion Ratio Lower Upper

85 100

87 31.1 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

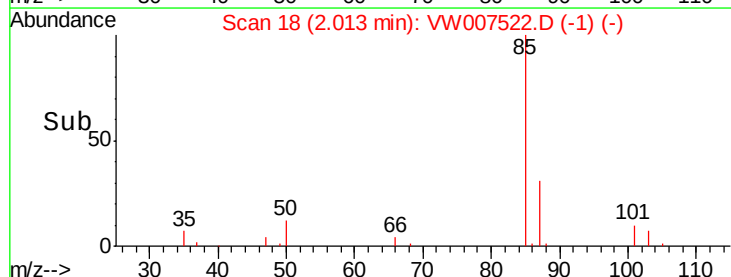
4000

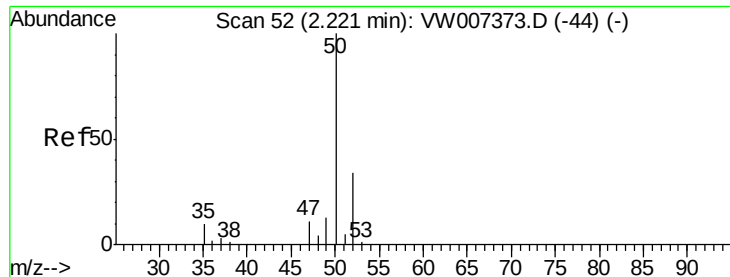
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 45.295 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA_W

ClientSampleId :

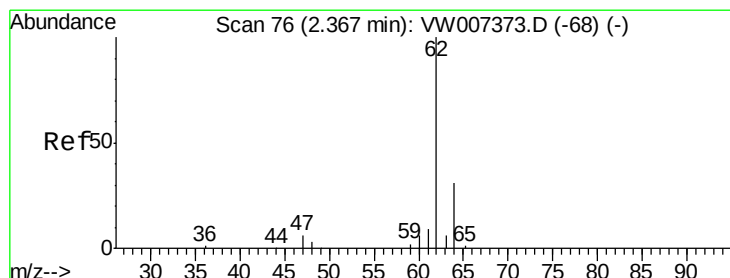
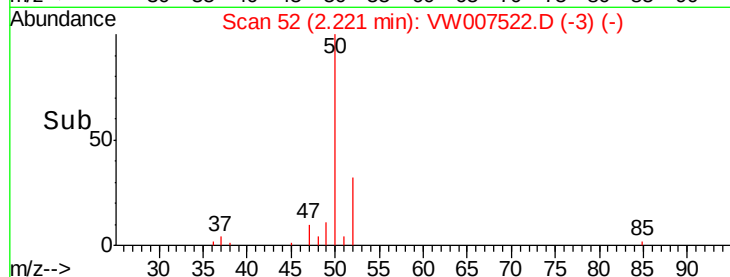
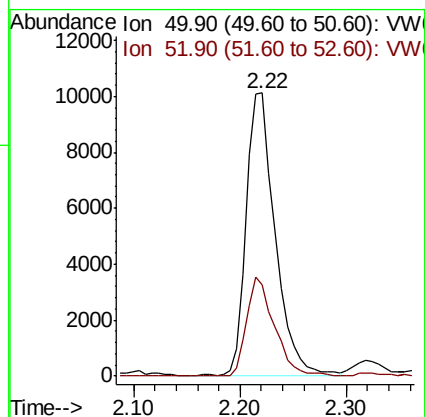
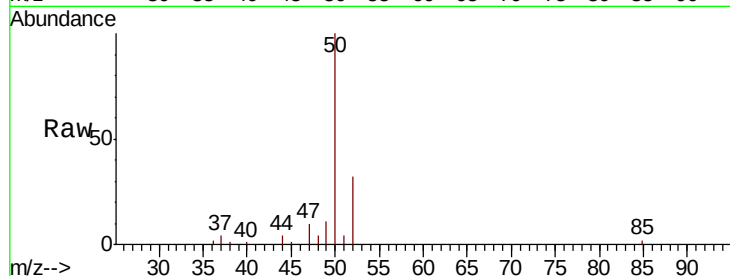
VSTDCCC050

Tot Ion: 50 Resp: 19512

Ion Ratio Lower Upper

50 100

52 32.1 27.4 41.0



#4

Vinyl Chloride

Concen: 46.722 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007522.D

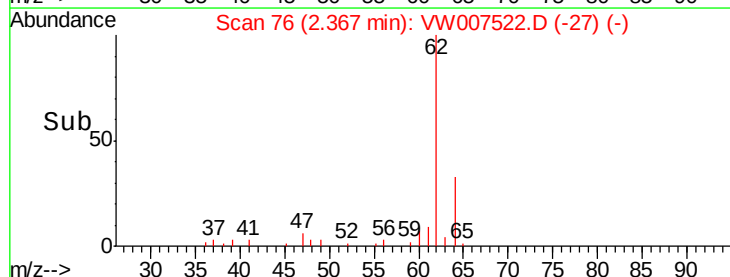
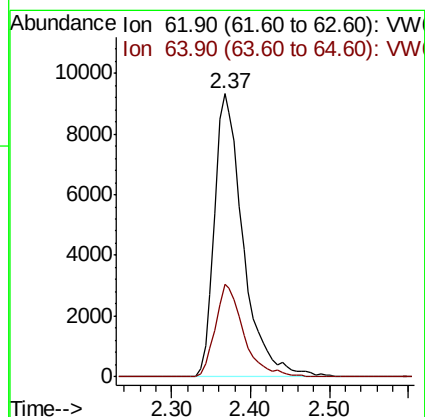
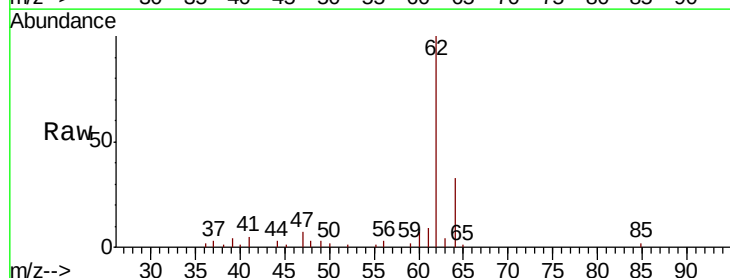
Acq: 14 Dec 2018 08:53

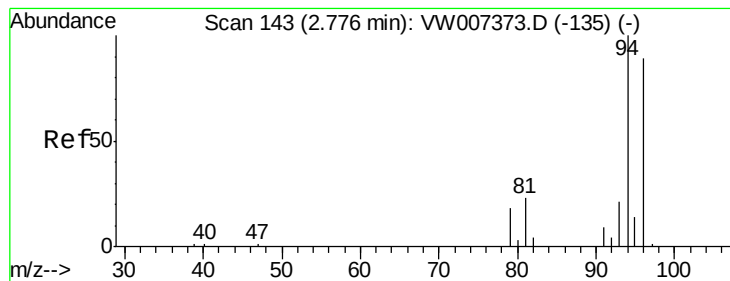
Tgt Ion: 62 Resp: 23619

Ion Ratio Lower Upper

62 100

64 32.8 24.6 37.0





#5

Bromomethane

Concen: 49.062 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA_W

ClientSampleId :

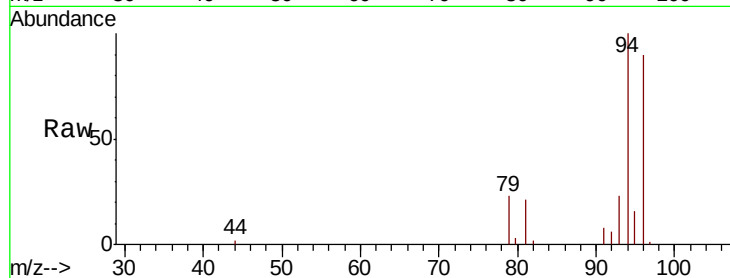
VSTDCCC050

Tot Ion: 94 Resp: 16664

Ion Ratio Lower Upper

94 100

96 90.2 71.0 106.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

8000

6000

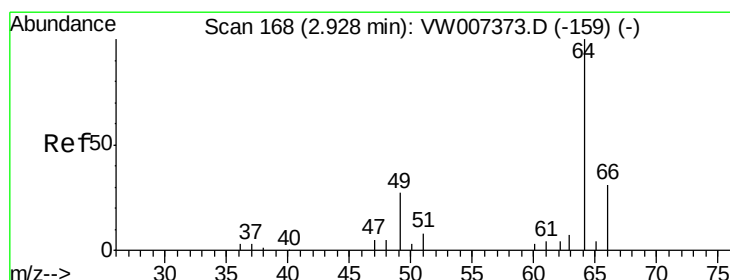
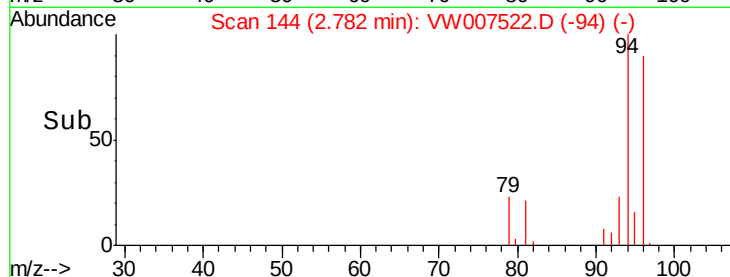
4000

2000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 49.973 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW007522.D

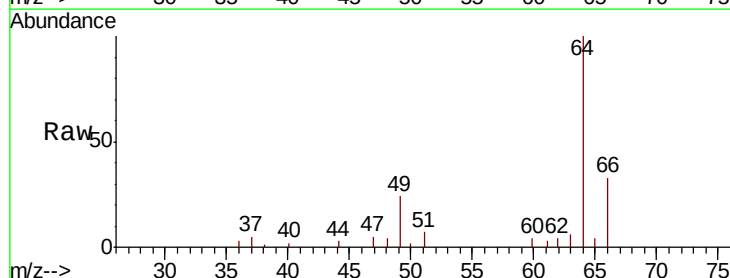
Acq: 14 Dec 2018 08:53

Tgt Ion: 64 Resp: 13906

Ion Ratio Lower Upper

64 100

66 33.2 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

5000

4000

3000

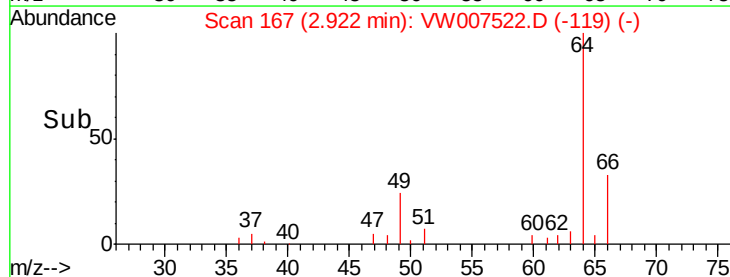
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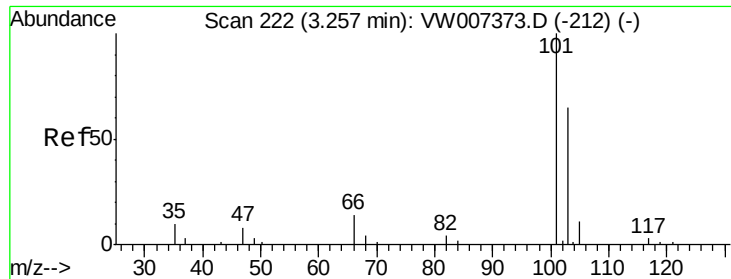
1000

0

Time-->

2.80 2.90 3.00



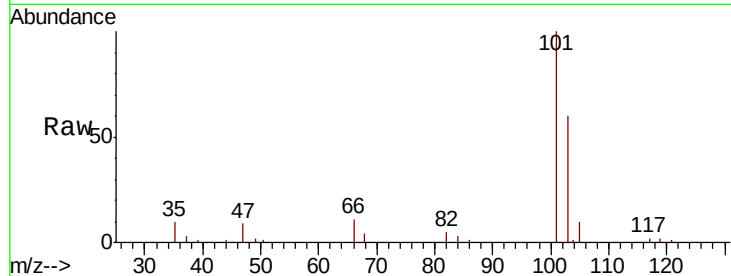


#7

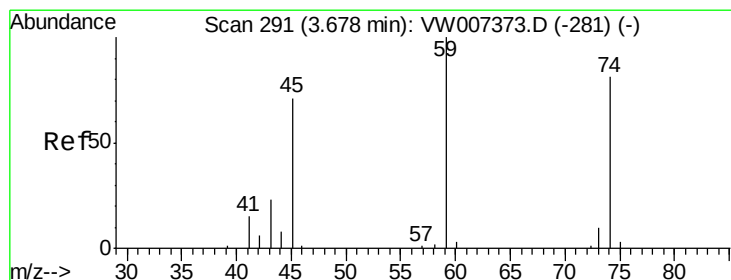
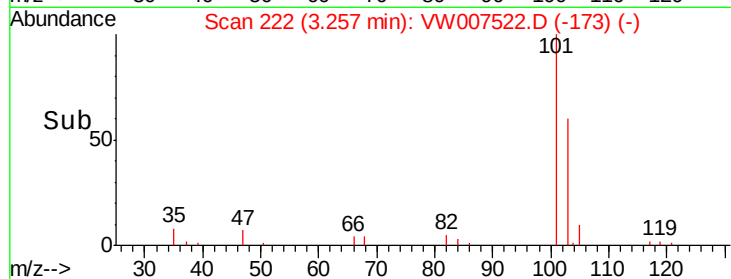
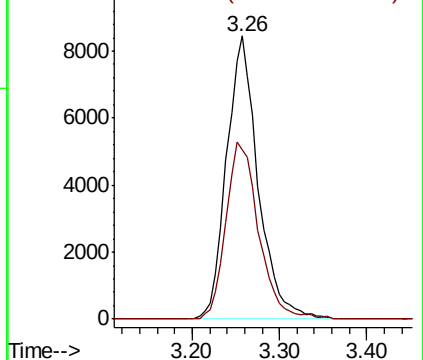
Trichlorofluoromethane
 Concen: 46.752 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Instrument :
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Tot Ion:101 Resp: 21248
 Ion Ratio Lower Upper
 101 100
 103 59.8 51.7 77.5



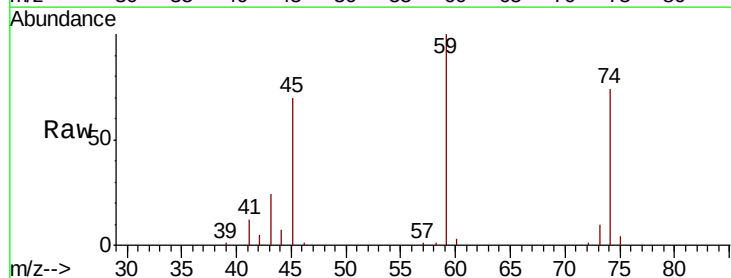
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



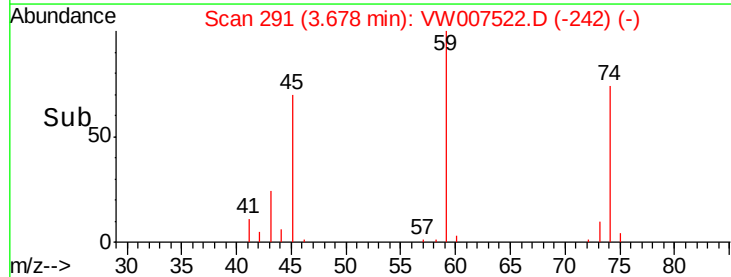
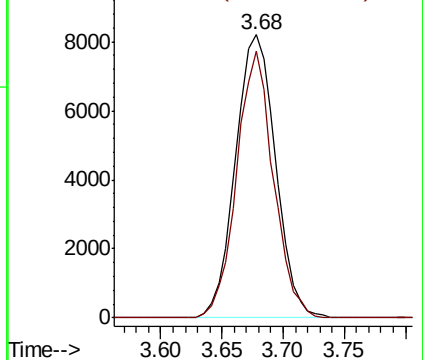
#8

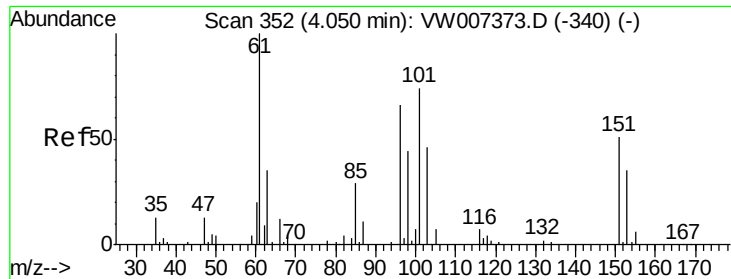
Diethyl Ether
 Concen: 52.544 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Tgt Ion: 74 Resp: 18691
 Ion Ratio Lower Upper
 74 100
 45 85.9 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW
 Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.151 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

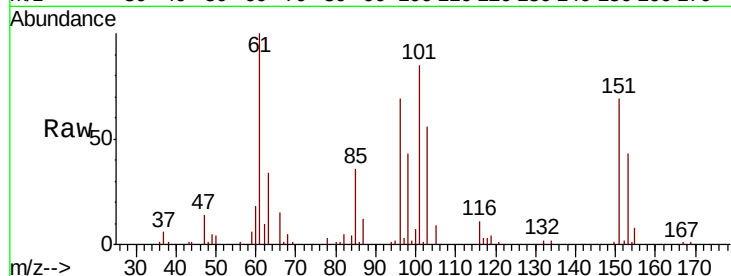
Tot Ion:101 Resp: 37609

Ion Ratio Lower Upper

101 100

85 43.0 33.9 50.9

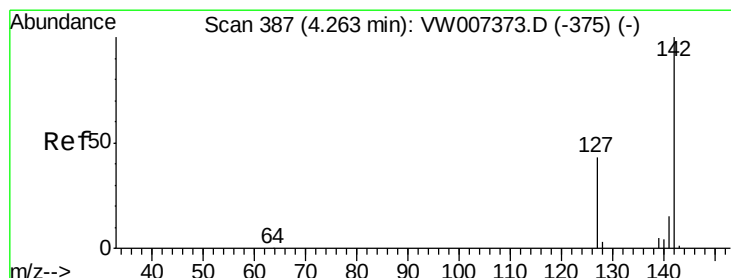
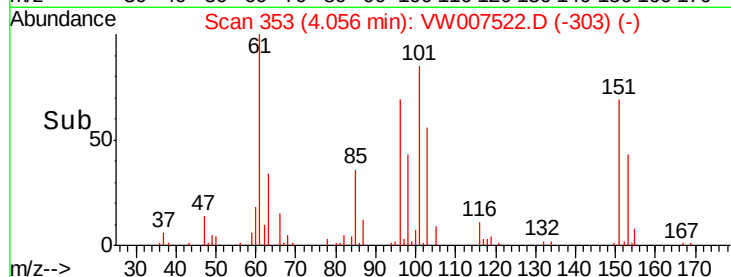
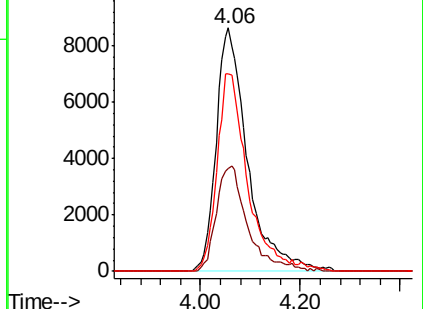
151 79.1 63.7 95.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.879 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

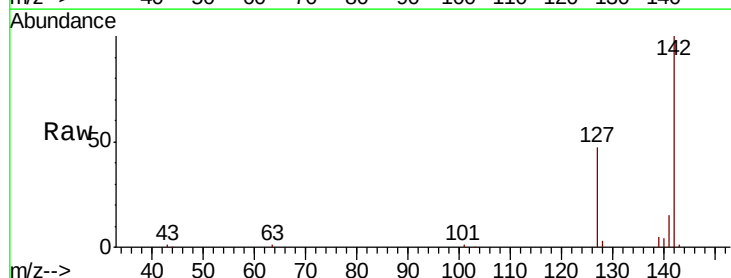
Tgt Ion:142 Resp: 63193

Ion Ratio Lower Upper

142 100

127 46.3 35.8 53.6

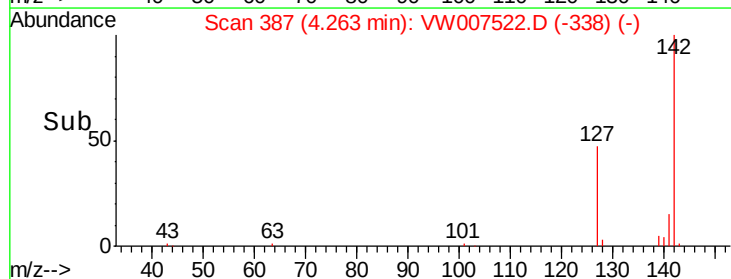
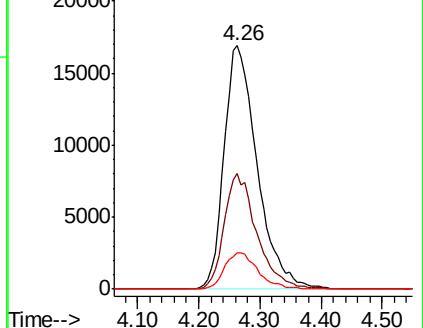
141 15.1 11.1 16.7

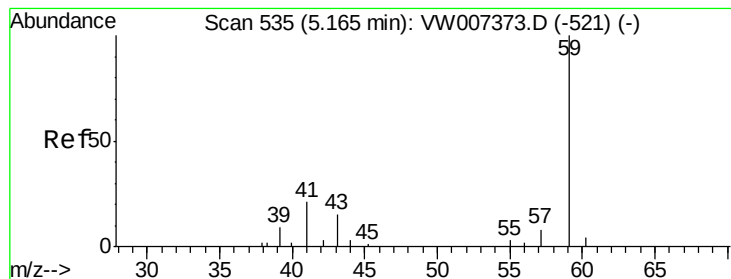


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



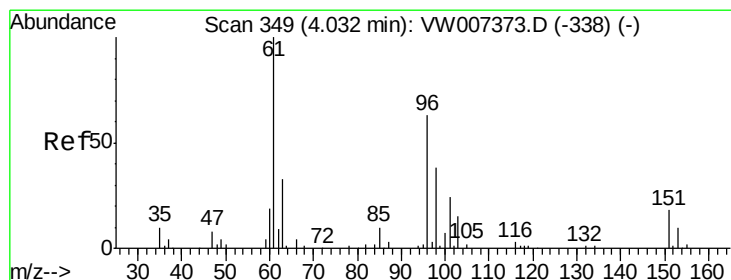
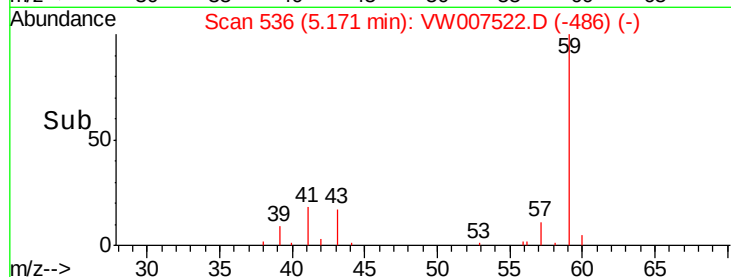
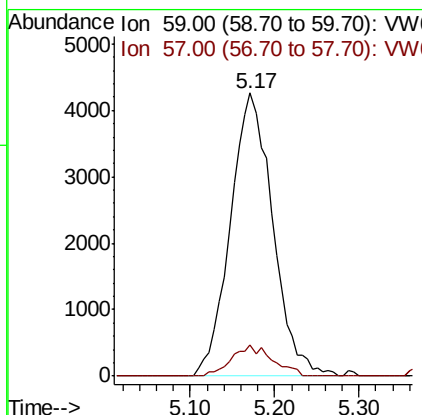
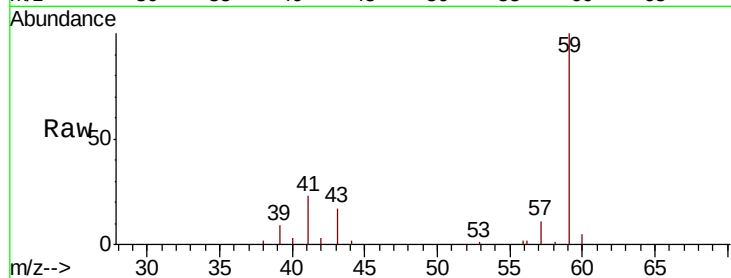


#11

Tert butyl alcohol
 Concen: 259.676 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

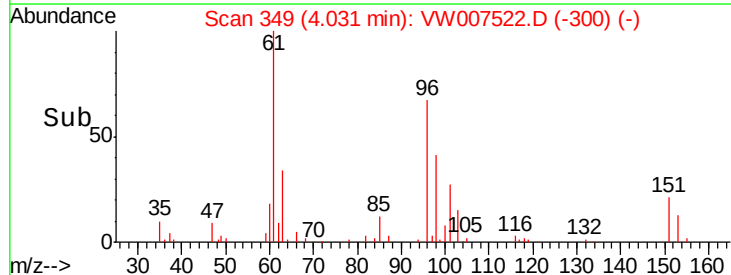
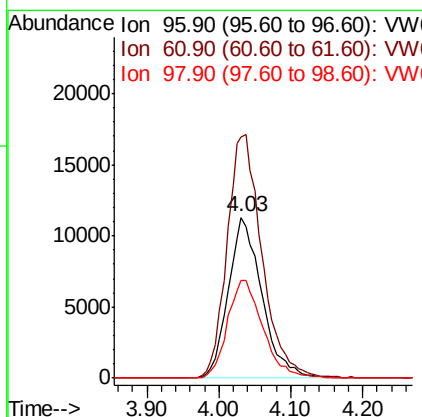
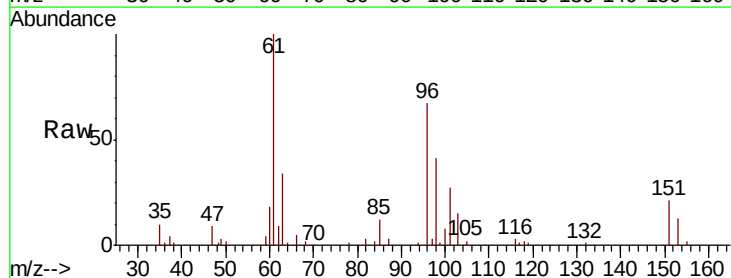
Tot Ion: 59 Resp: 14563
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.6 11.4

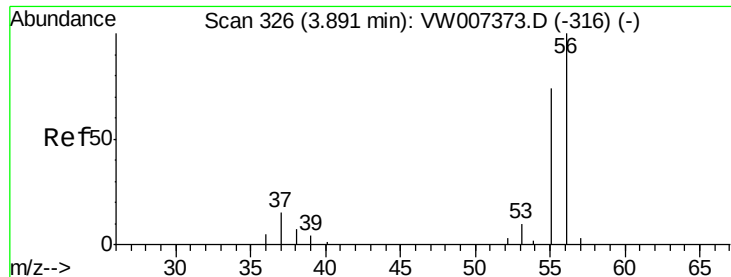


#12

1,1-Dichloroethene
 Concen: 50.672 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Tgt Ion: 96 Resp: 36587
 Ion Ratio Lower Upper
 96 100
 61 149.5 126.2 189.2
 98 60.6 48.3 72.5





#13

Acrolein

Concen: 285.134 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA_W

ClientSampleId :

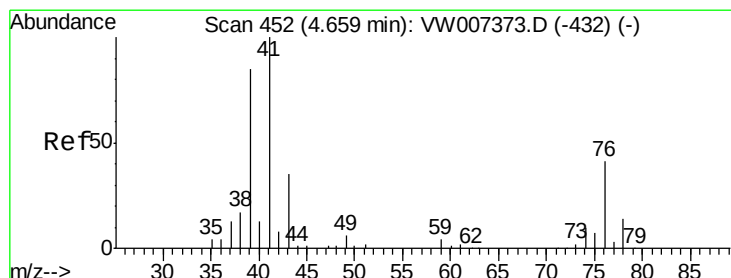
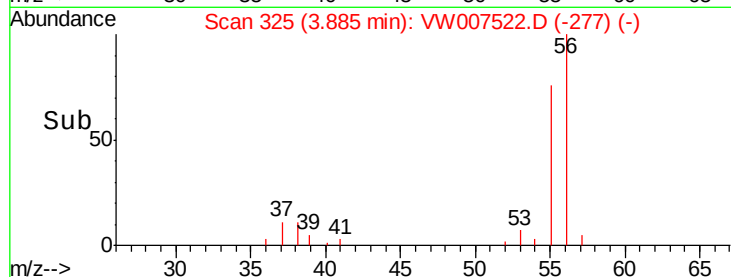
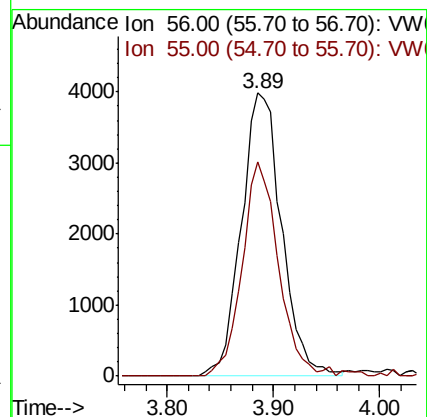
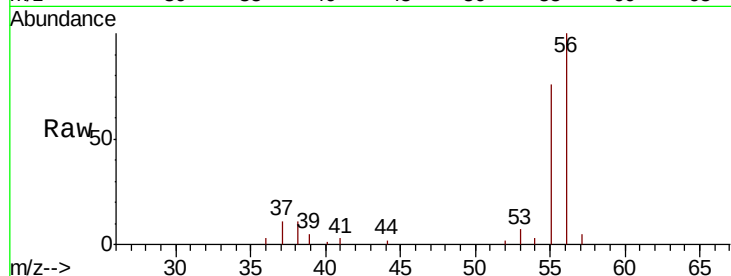
VSTDCCC050

Tot Ion: 56 Resp: 10581

Ion Ratio Lower Upper

56 100

55 68.3 57.4 86.2



#14

Allyl chloride

Concen: 49.746 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

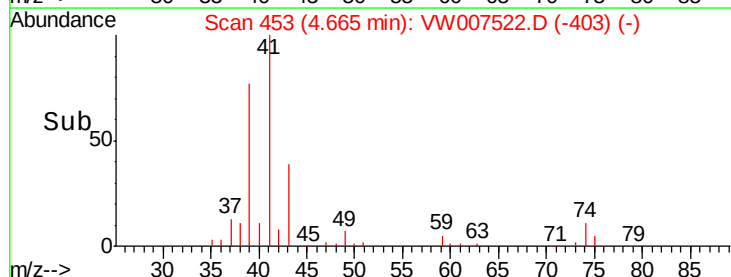
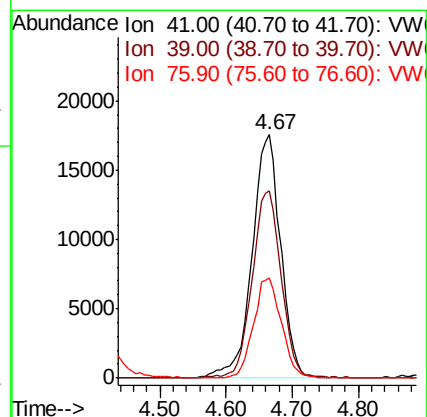
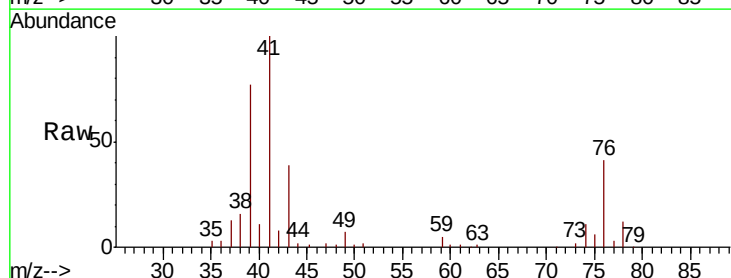
Tgt Ion: 41 Resp: 52944

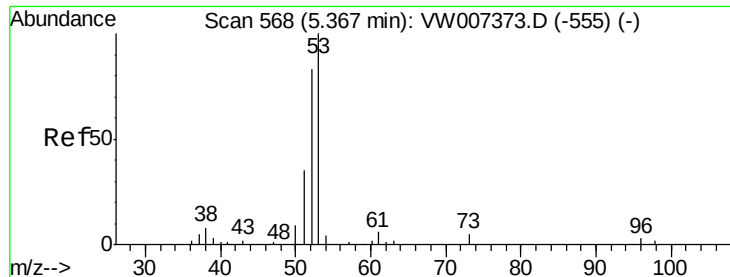
Ion Ratio Lower Upper

41 100

39 78.0 63.4 95.2

76 39.8 32.1 48.1





#15

Acrylonitrile

Concen: 284.484 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

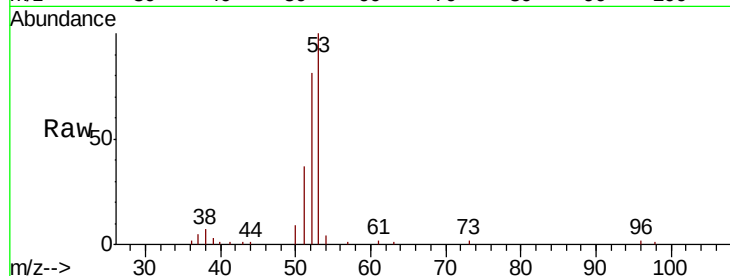
Tot Ion: 53 Resp: 42660

Ion Ratio Lower Upper

53 100

52 83.7 67.4 101.2

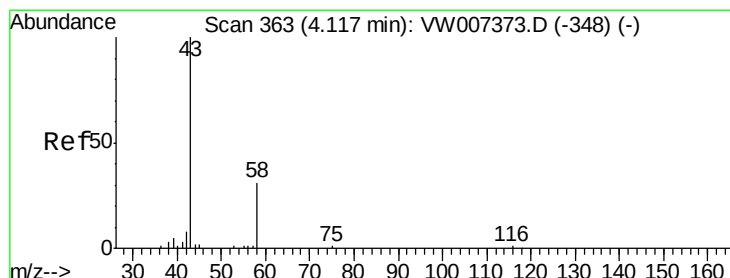
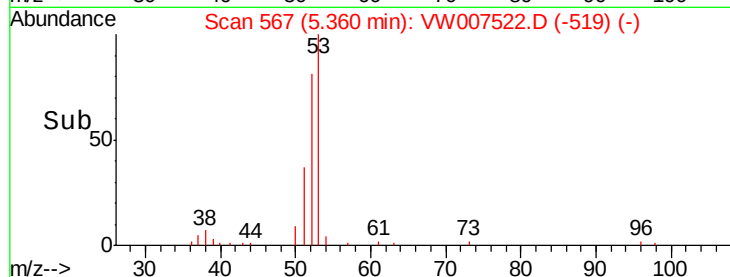
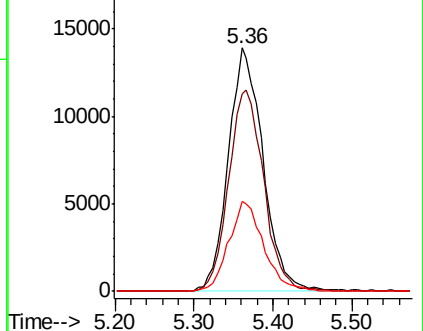
51 37.0 30.2 45.2



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: 248.128 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007522.D

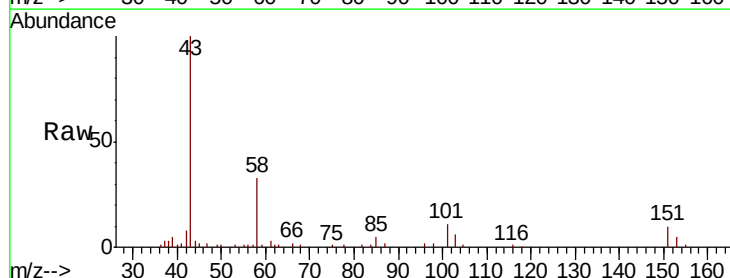
Acq: 14 Dec 2018 08:53

Tgt Ion: 43 Resp: 35391

Ion Ratio Lower Upper

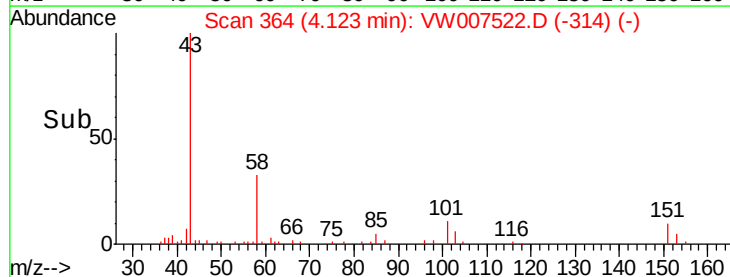
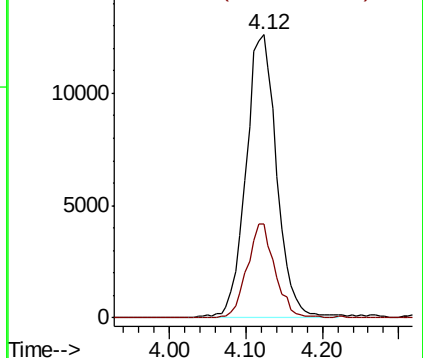
43 100

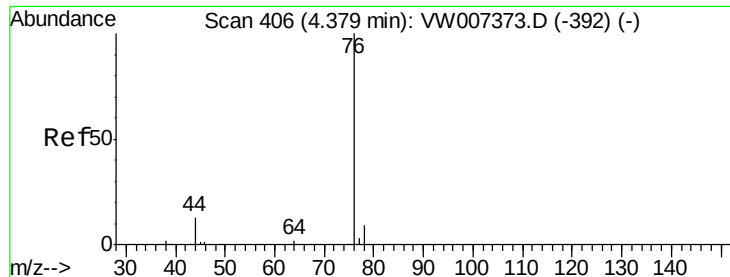
58 33.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

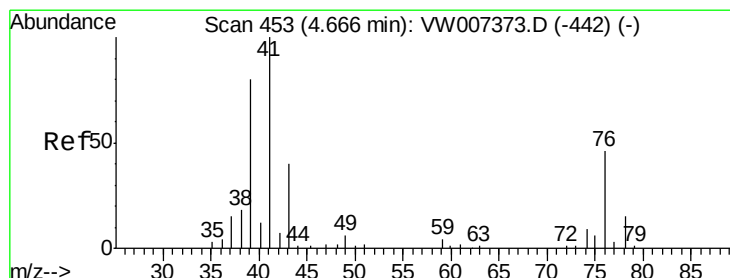
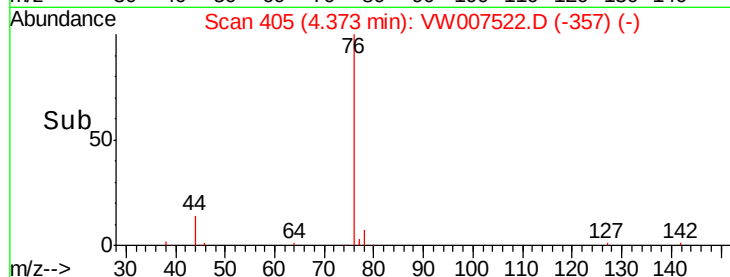
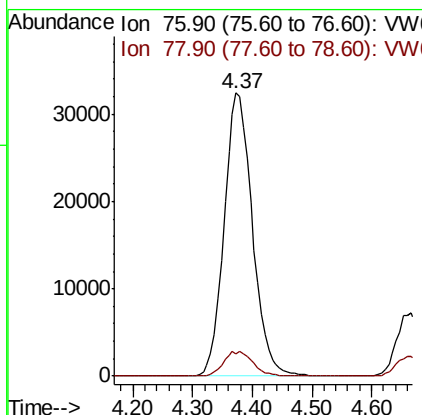
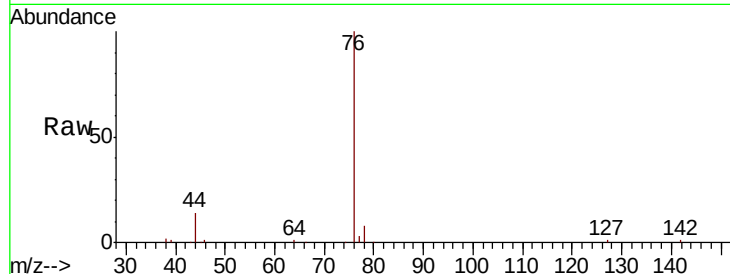




#17
Carbon Disulfide
Concen: 48.788 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

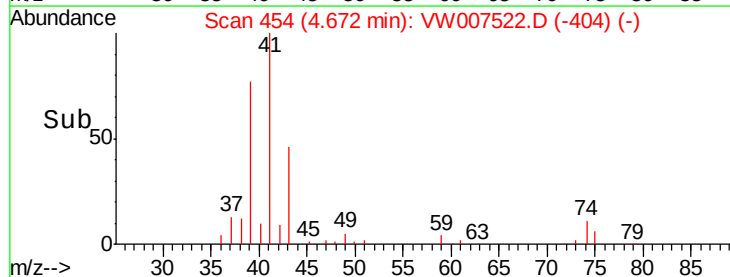
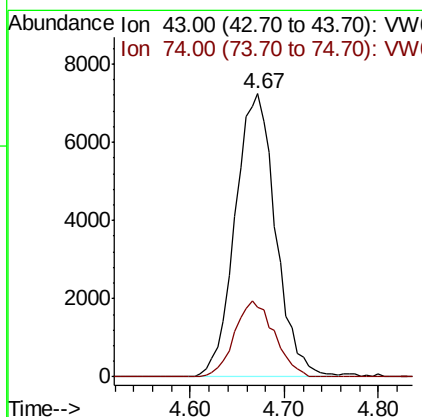
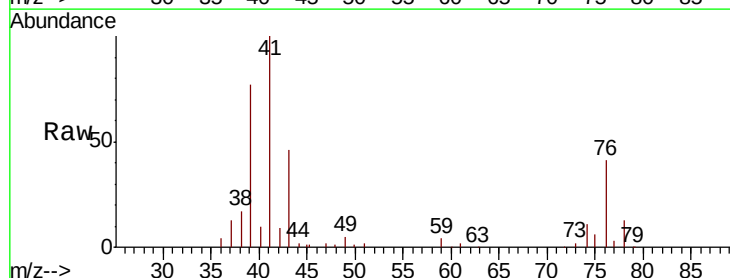
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

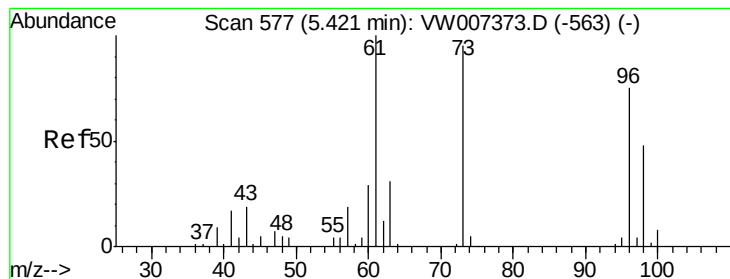
Tot Ion: 76 Resp: 106809
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7



#18
Methyl Acetate
Concen: 56.283 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Tgt Ion: 43 Resp: 21788
Ion Ratio Lower Upper
43 100
74 26.3 21.1 31.7



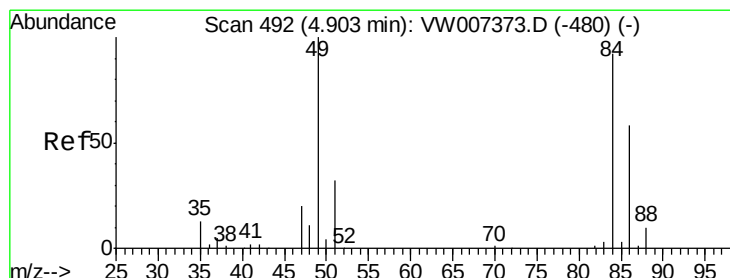
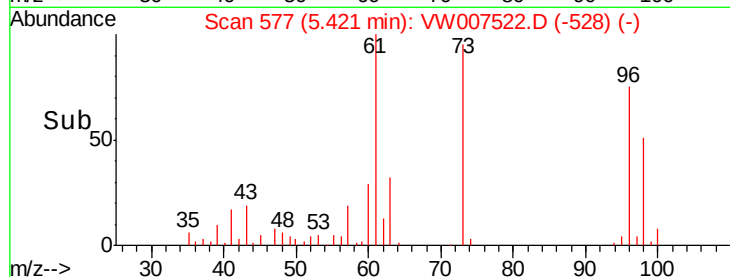
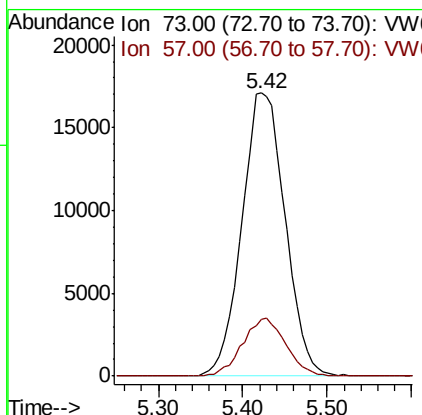
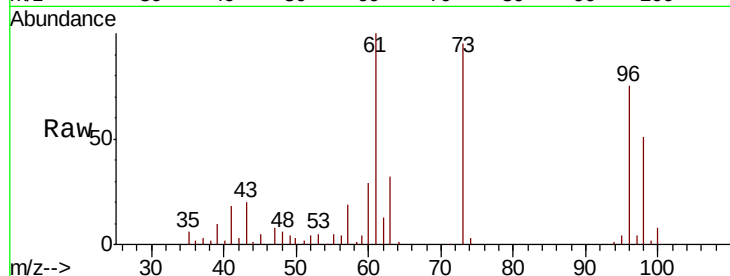


#19

Methyl tert-butyl Ether
 Concen: 54.763 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

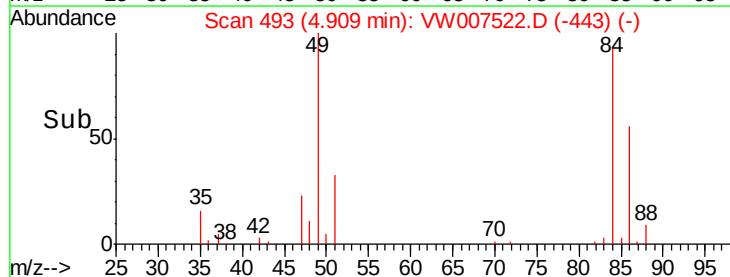
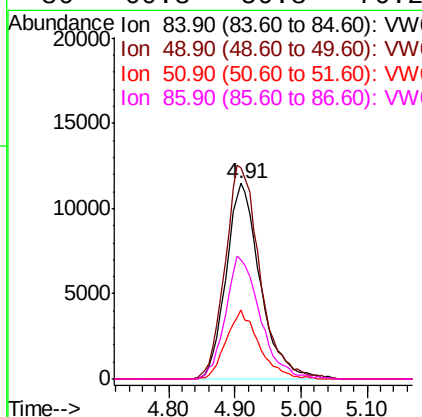
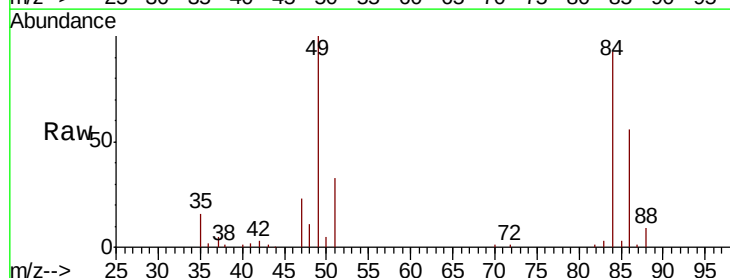
Tot Ion: 73 Resp: 59650
 Ion Ratio Lower Upper
 73 100
 57 19.9 16.4 24.6

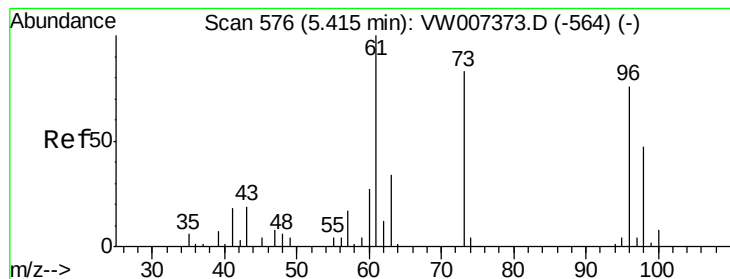


#20

Methylene Chloride
 Concen: 52.914 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.01 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Tgt Ion: 84 Resp: 41094
 Ion Ratio Lower Upper
 84 100
 49 107.9 87.1 130.7
 51 35.6 28.2 42.2
 86 60.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 51.551 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

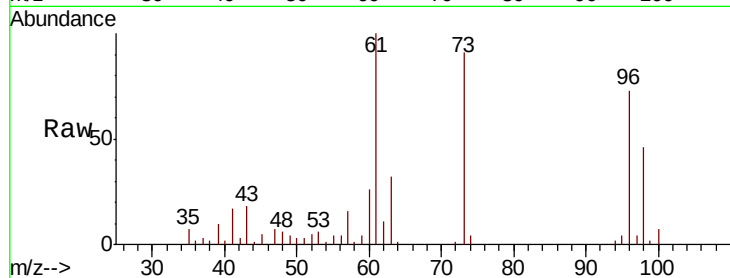
Tot Ion: 96 Resp: 41638

Ion Ratio Lower Upper

96 100

61 136.6 105.0 157.6

98 62.8 49.7 74.5

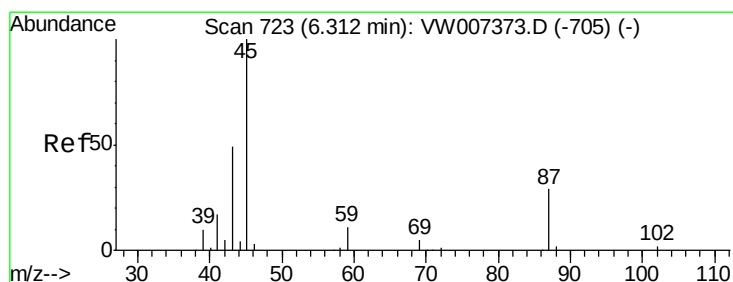
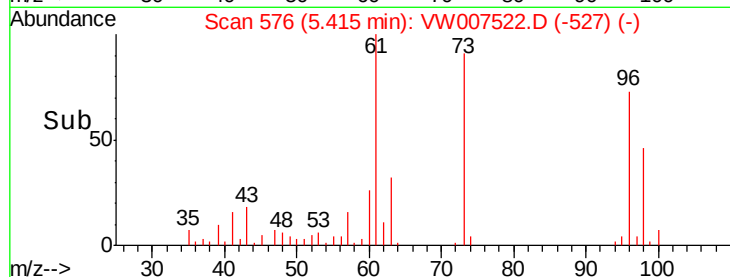
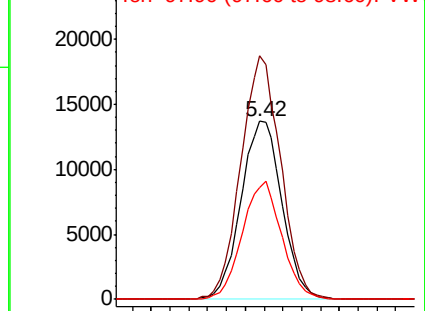


Abundance

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: 51.382 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Tgt Ion: 45 Resp: 105113

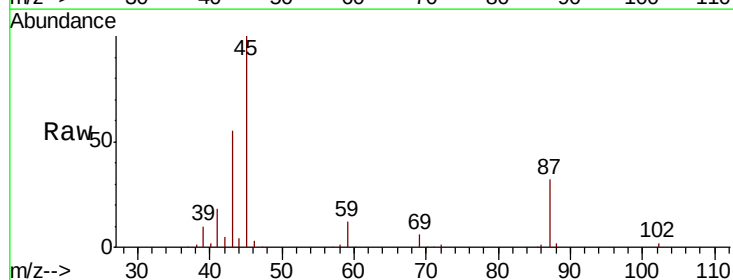
Ion Ratio Lower Upper

45 100

43 54.8 41.6 62.4

87 32.5 24.3 36.5

59 12.1 9.4 14.0



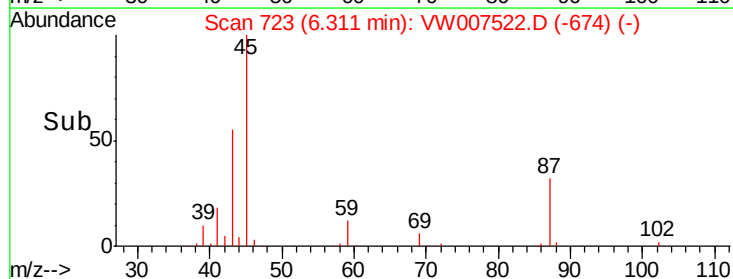
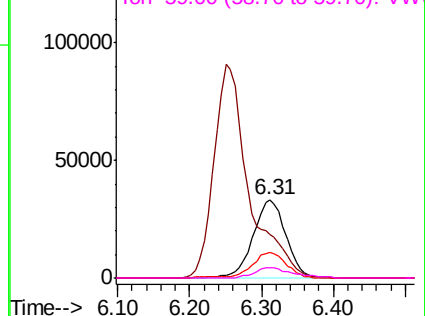
Abundance

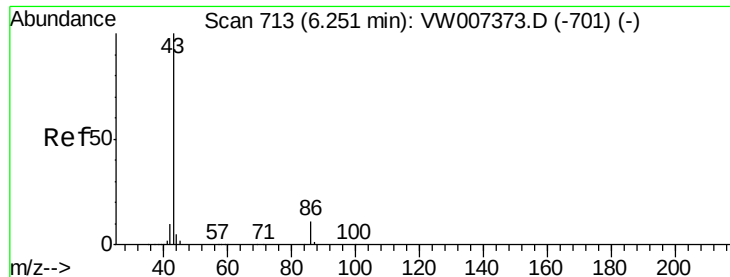
Ion 45.00 (44.70 to 45.70): VW

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: 267.853 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA_W

ClientSampled :

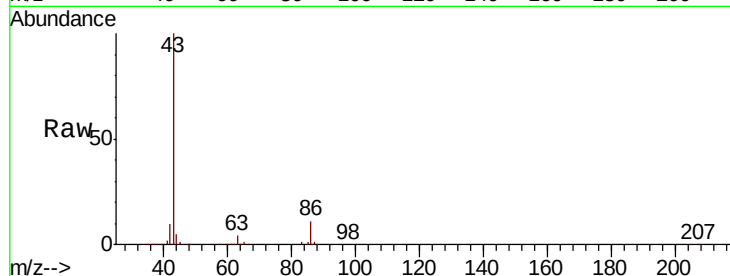
VSTDCCC050

Tot Ion: 43 Resp: 306489

Ion Ratio Lower Upper

43 100

86 10.8 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

100000

80000

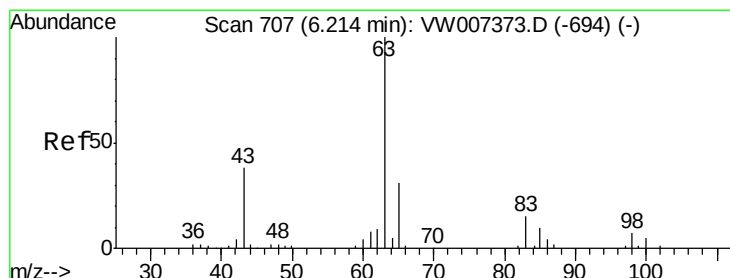
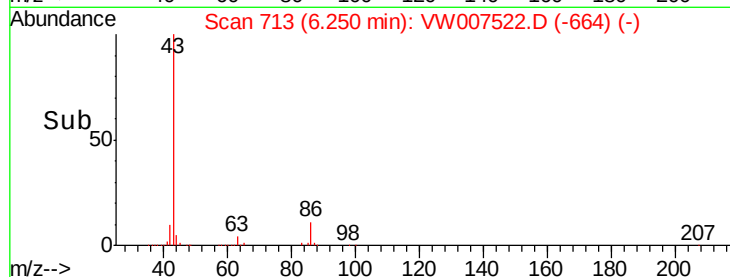
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.017 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

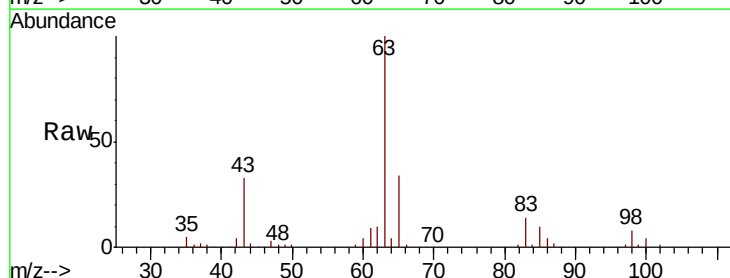
Tgt Ion: 63 Resp: 70537

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 3.8 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

30000

25000

20000

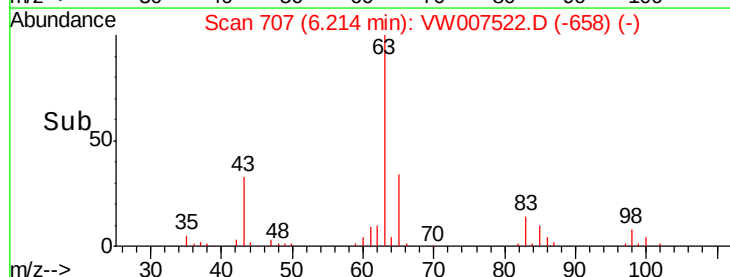
15000

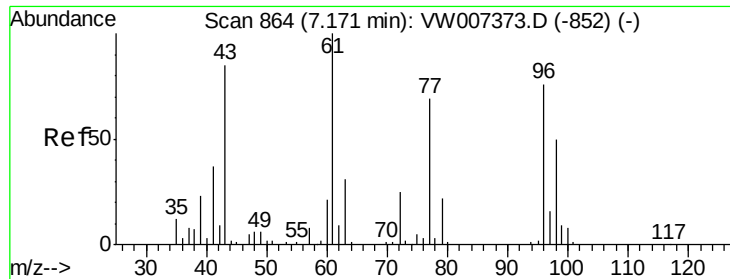
10000

5000

0

Time-->





#25

2-Butanone

Concen: 277.864 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA_W

ClientSampleId :

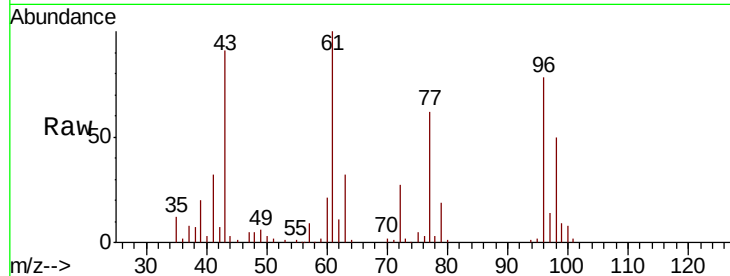
VSTDCCC050

Tot Ion: 43 Resp: 51740

Ion Ratio Lower Upper

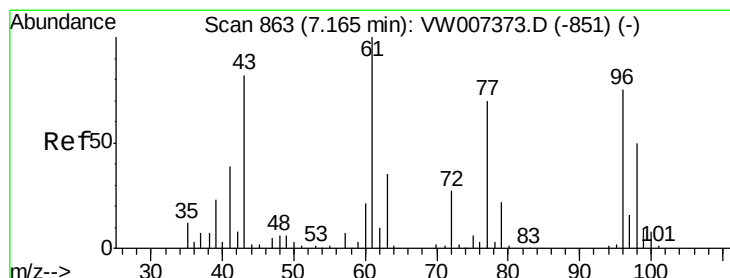
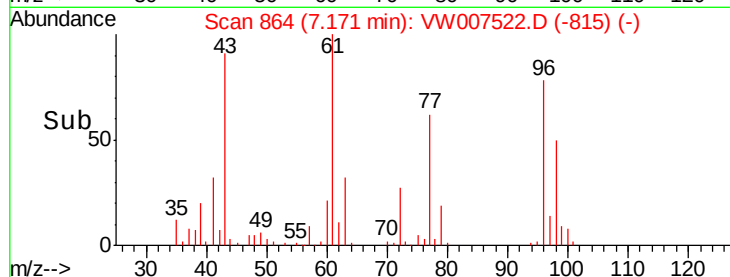
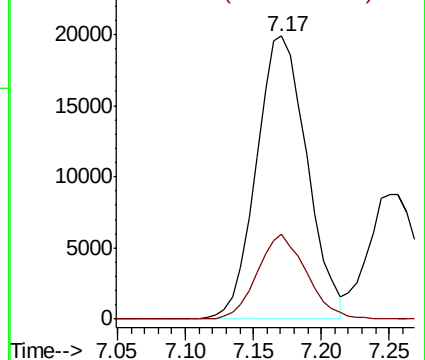
43 100

72 30.2 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 44.775 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007522.D

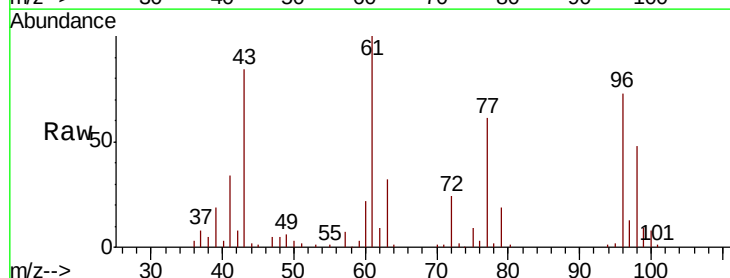
Acq: 14 Dec 2018 08:53

Tgt Ion: 77 Resp: 40971

Ion Ratio Lower Upper

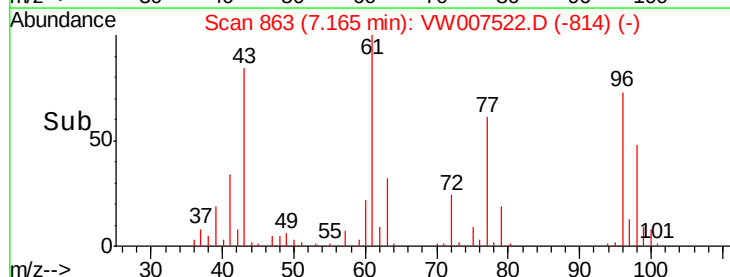
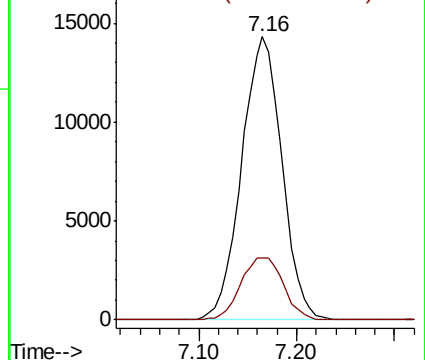
77 100

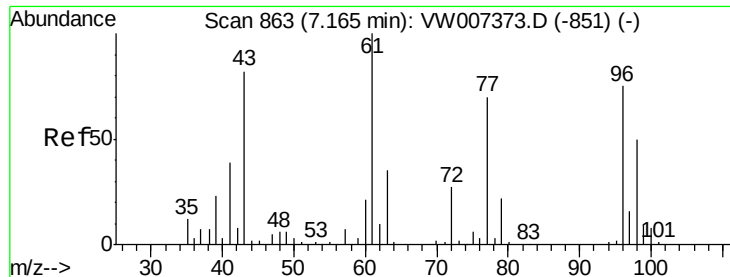
97 23.3 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



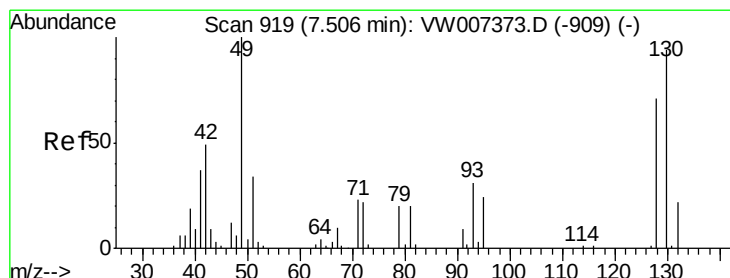
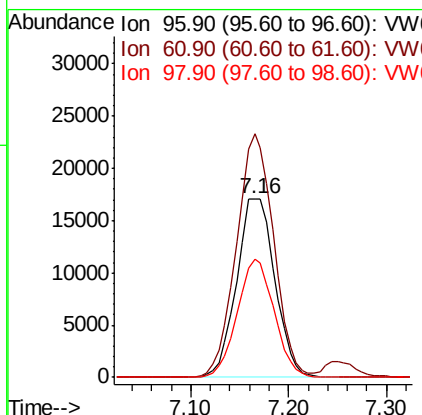
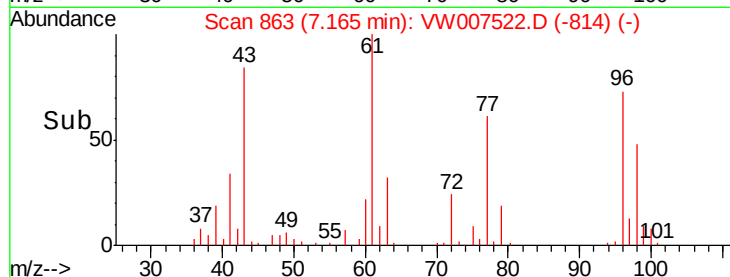
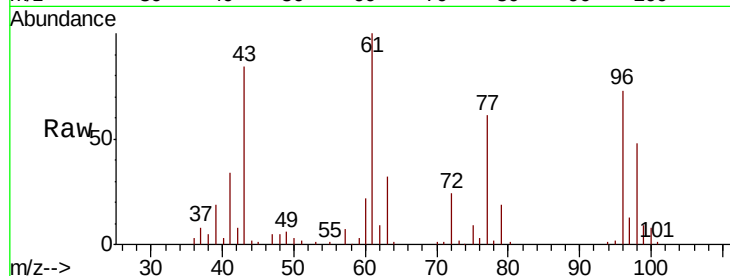


#27

cis-1,2-Dichloroethene
Concen: 52.572 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

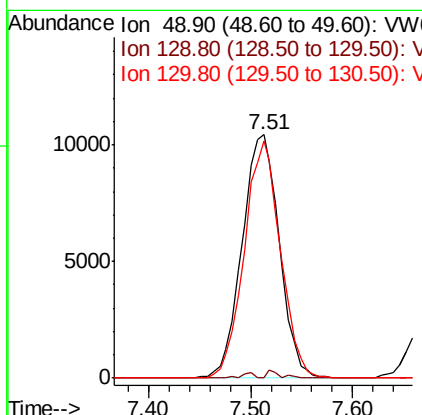
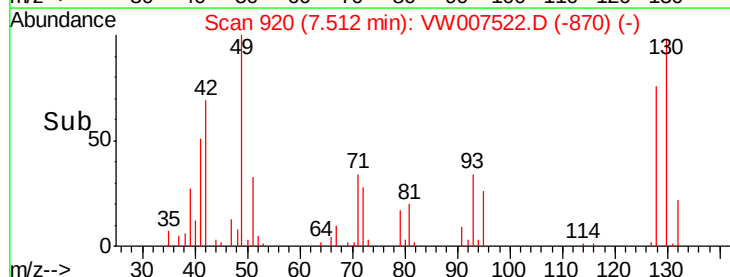
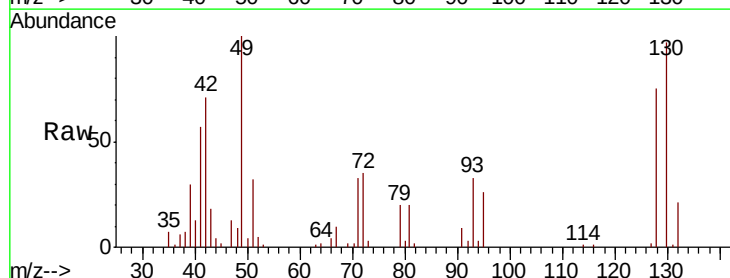
Tot Ion: 96 Resp: 46495
Ion Ratio Lower Upper
96 100
61 132.5 0.0 268.4
98 63.2 0.0 127.8

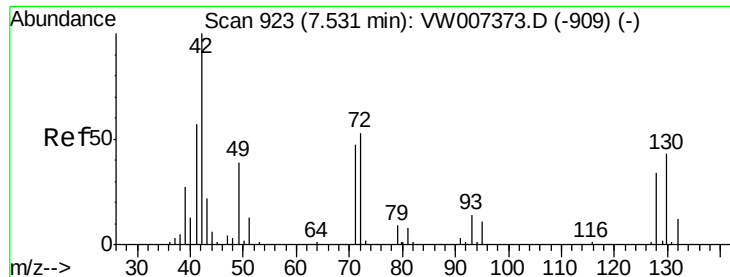


#28

Bromochloromethane
Concen: 50.874 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Tgt Ion: 49 Resp: 26458
Ion Ratio Lower Upper
49 100
129 1.1 0.0 2.6
130 94.2 75.9 113.9

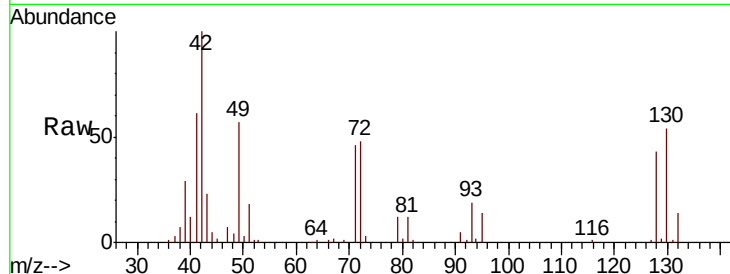




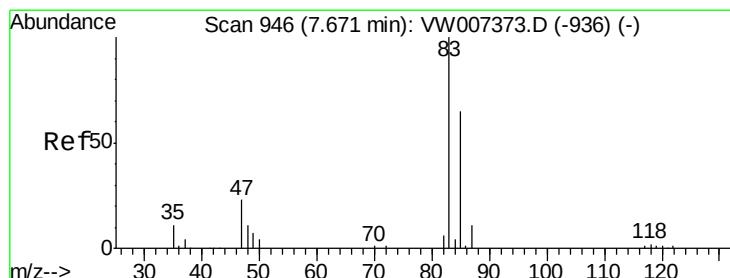
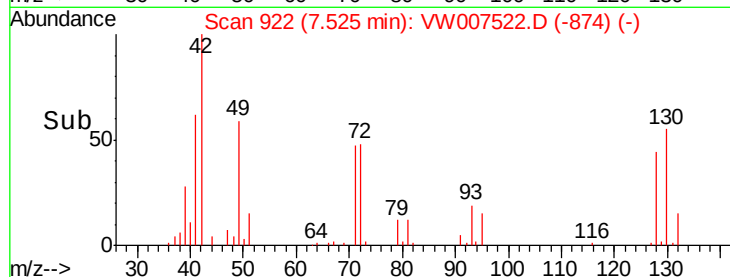
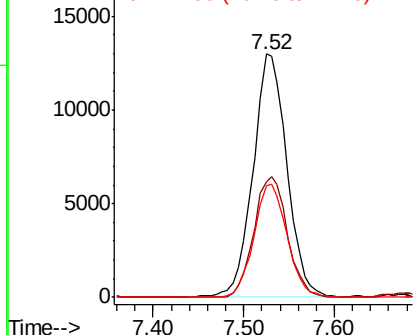
#29
Tetrahydrofuran
Concen: 284.618 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.9	38.2	57.4
71	45.6	35.5	53.3

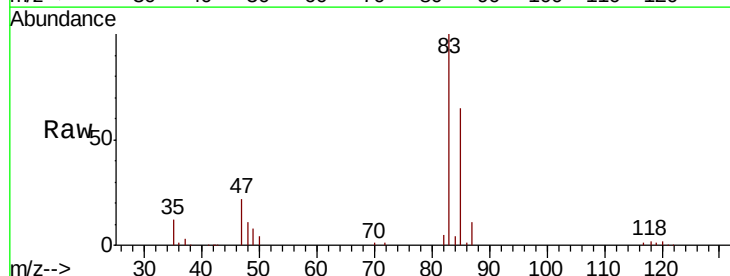


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

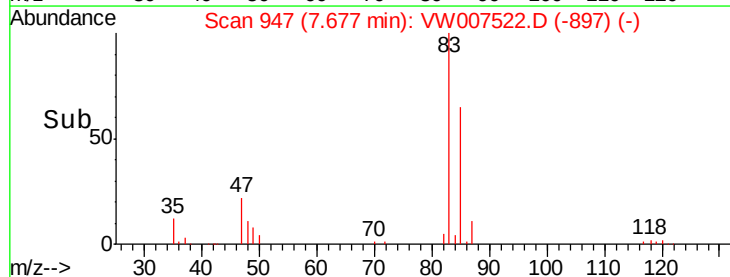
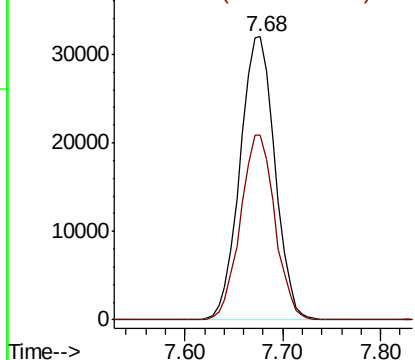


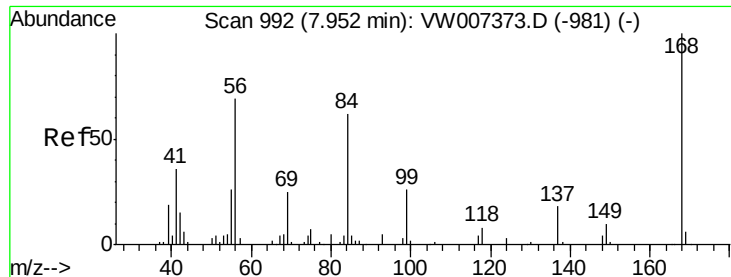
#30
Chloroform
Concen: 52.596 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.8	77.8



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

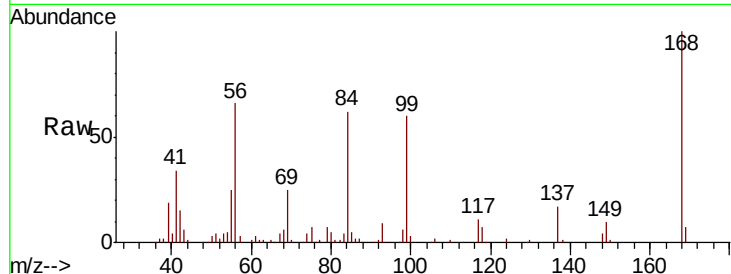




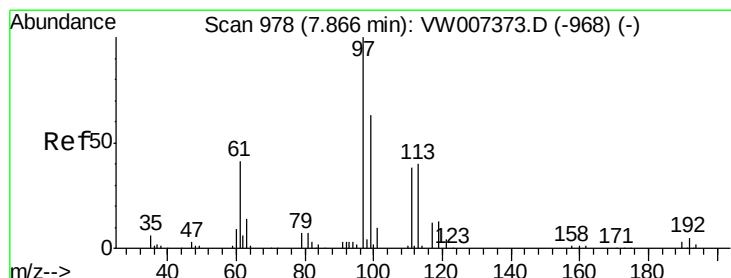
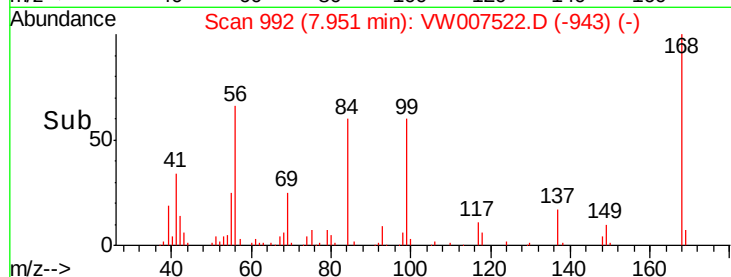
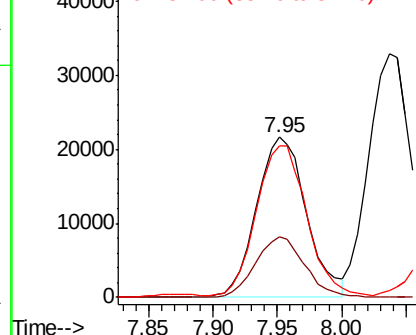
#31
Cyclohexane
Concen: 45.807 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 58108
Ion Ratio Lower Upper
56 100
69 38.1 28.9 43.3
84 92.9 71.8 107.6

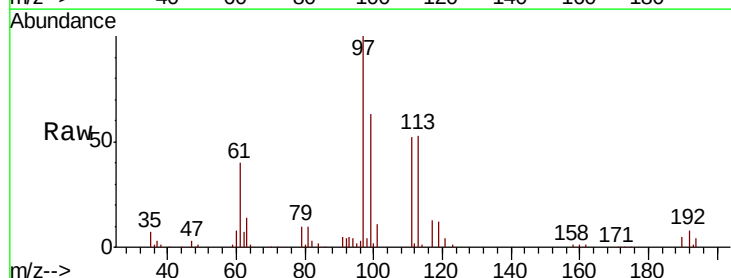


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

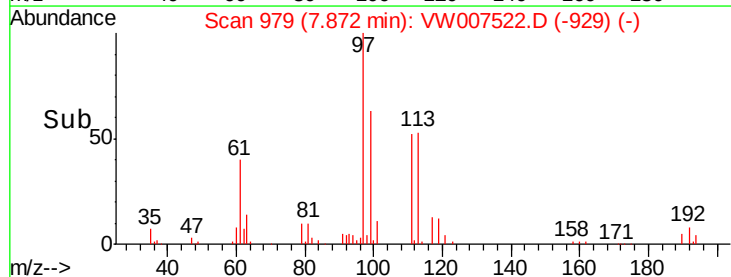
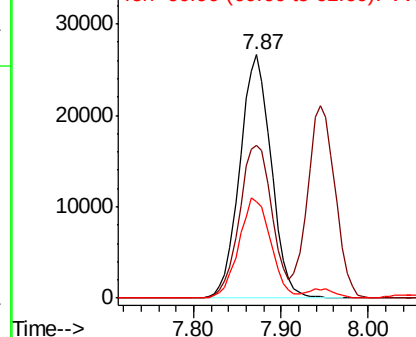


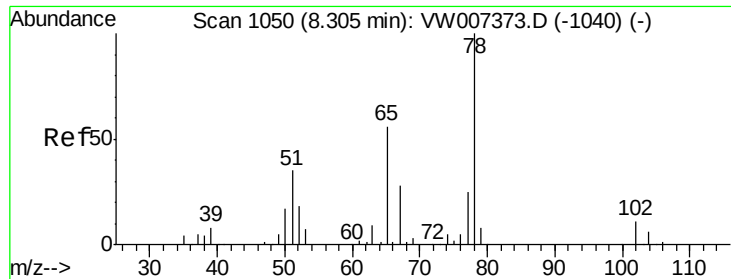
#32
1,1,1-Trichloroethane
Concen: 50.184 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Tgt Ion: 97 Resp: 66216
Ion Ratio Lower Upper
97 100
99 65.5 51.1 76.7
61 42.0 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

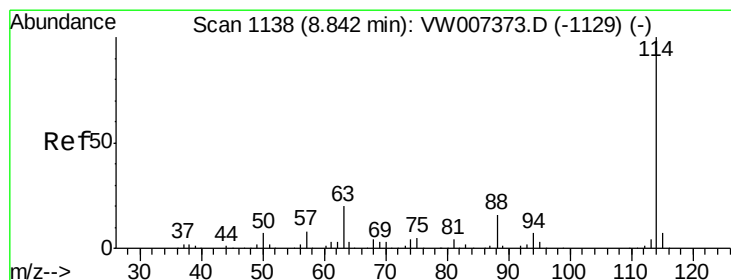
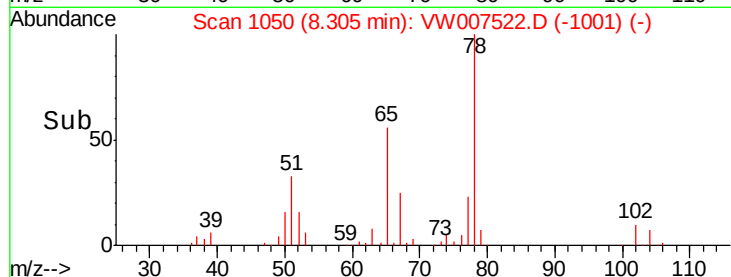
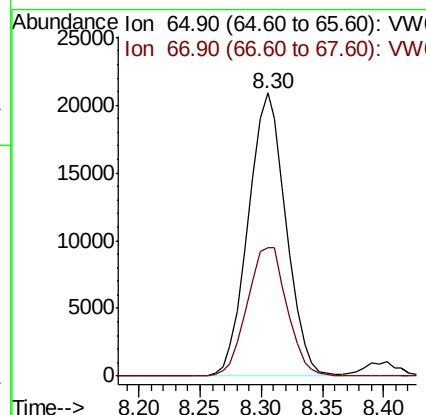
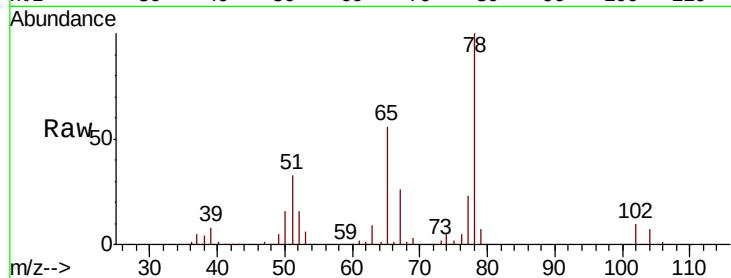




#33
 1,2-Dichloroethane-d4
 Concen: 55.093 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

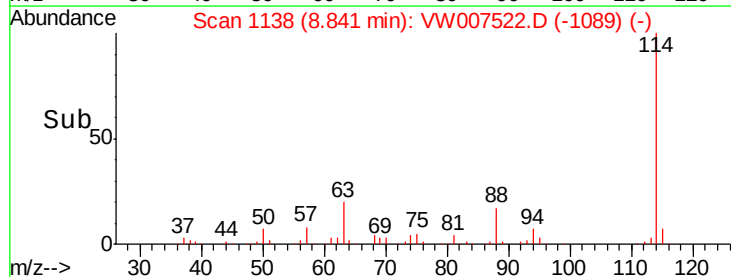
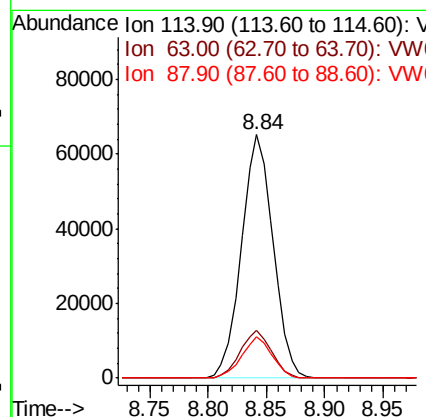
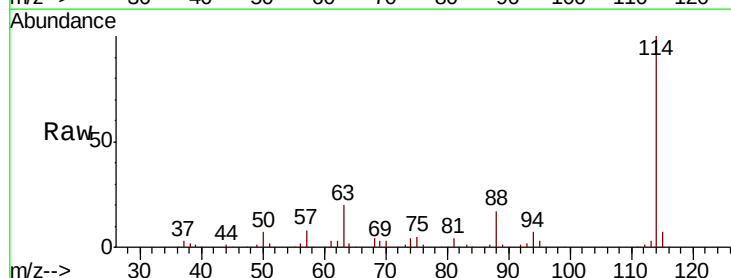
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

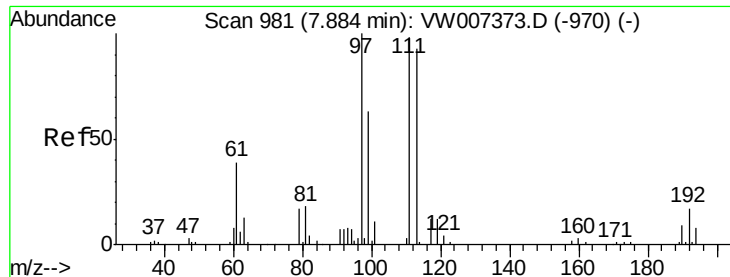
Tot Ion: 65 Resp: 44988
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Tgt Ion: 114 Resp: 123782
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.6
 88 17.1 0.0 31.4

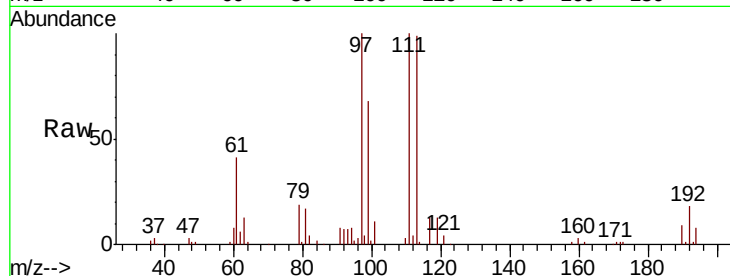




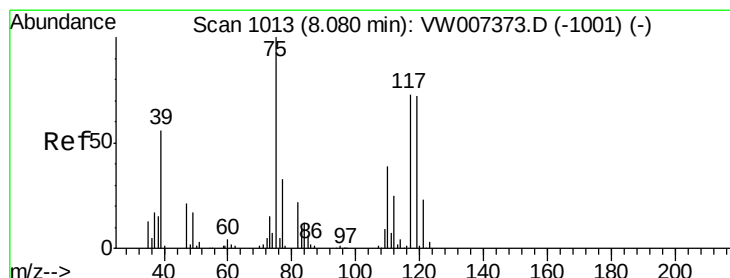
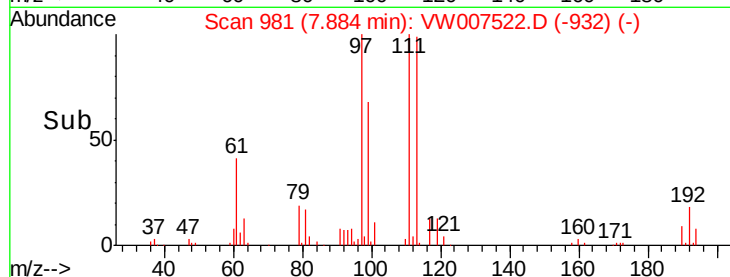
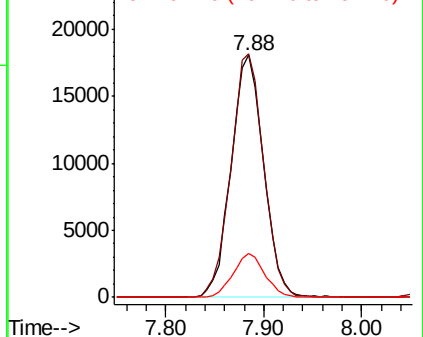
#35
 Dibromofluoromethane
 Concen: 55.553 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 41626
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.1 121.7
 192 17.7 14.6 21.8

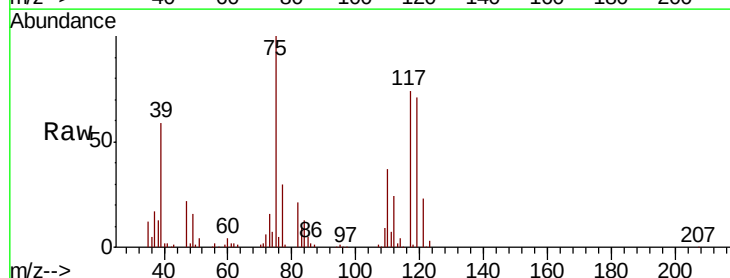


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

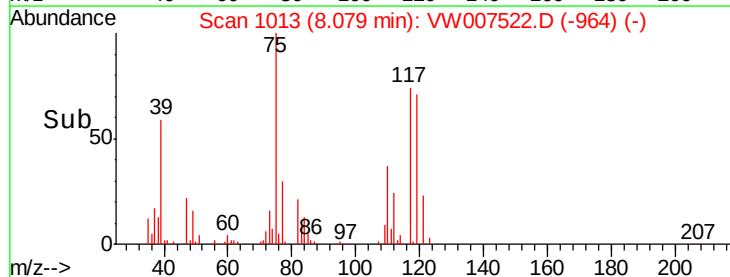
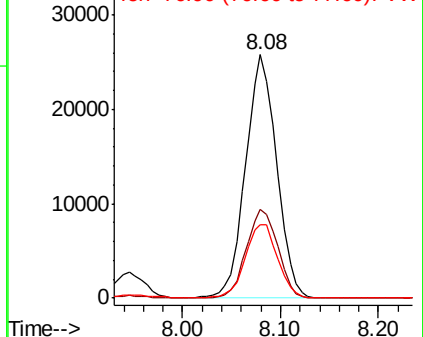


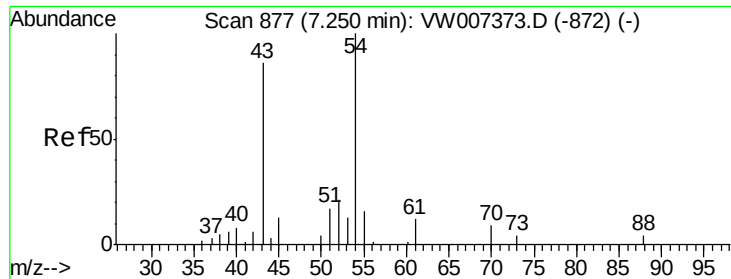
#36
 1,1-Dichloropropene
 Concen: 50.355 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Tgt Ion: 75 Resp: 56860
 Ion Ratio Lower Upper
 75 100
 110 37.0 18.5 55.5
 77 31.6 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

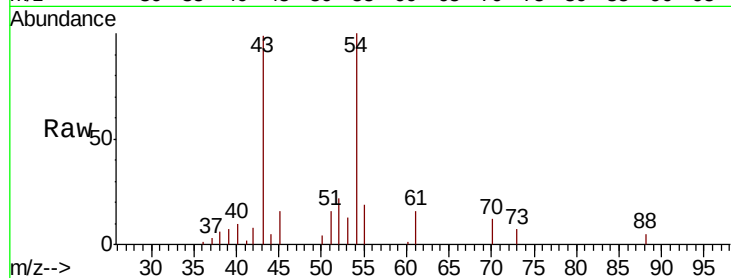




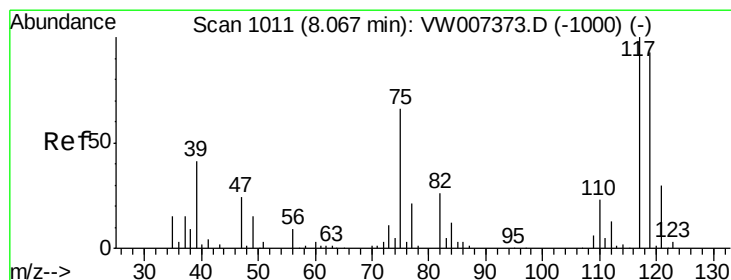
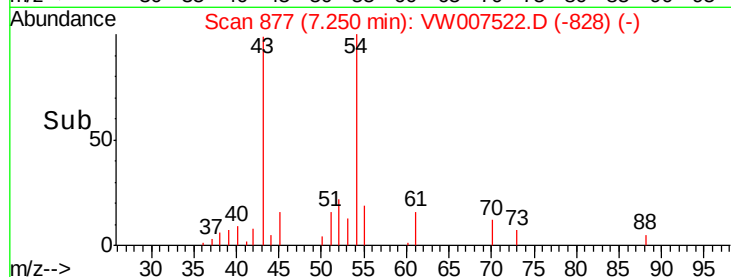
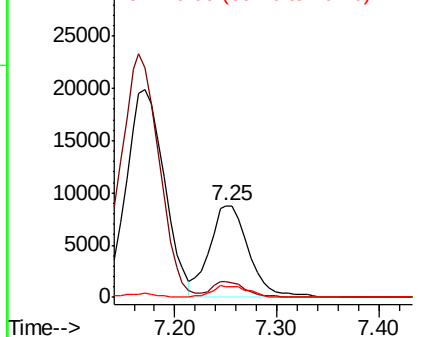
#37
Ethyl Acetate
Concen: 56.164 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 23588
Ion Ratio Lower Upper
43 100
61 14.3 12.1 18.1
70 12.0 10.0 15.0

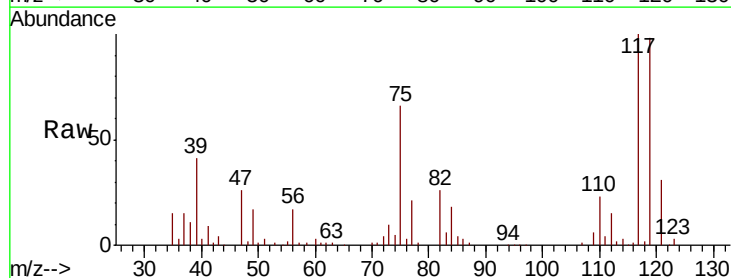


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

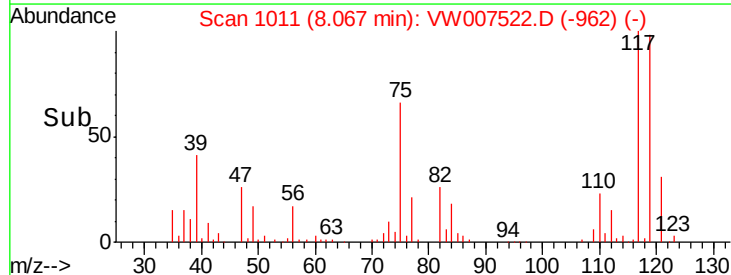
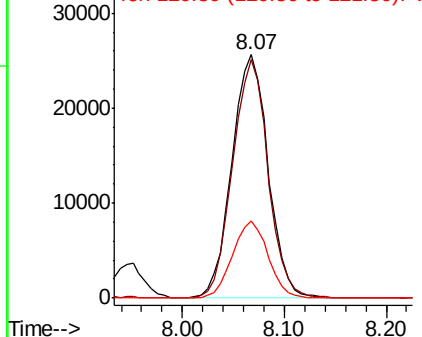


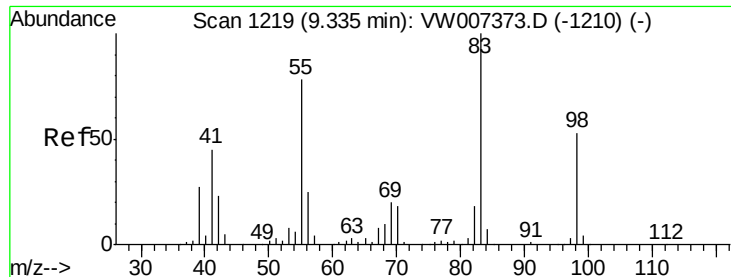
#38
Carbon Tetrachloride
Concen: 51.425 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Tgt Ion: 117 Resp: 63183
Ion Ratio Lower Upper
117 100
119 97.8 74.3 111.5
121 31.5 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

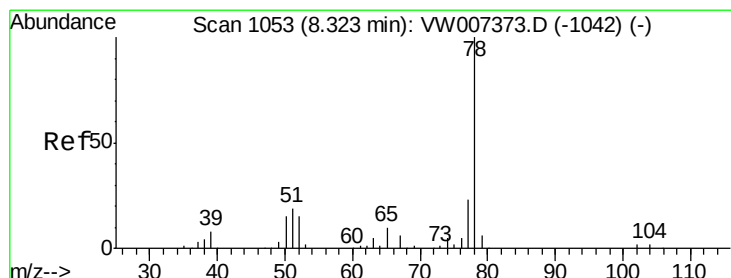
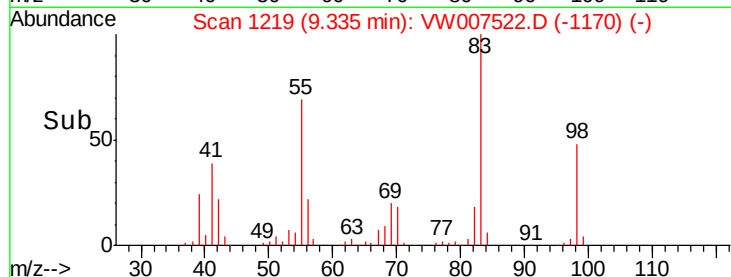
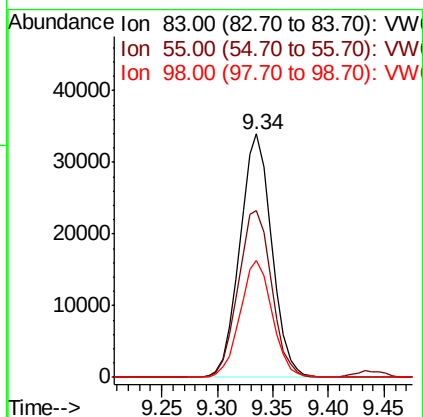
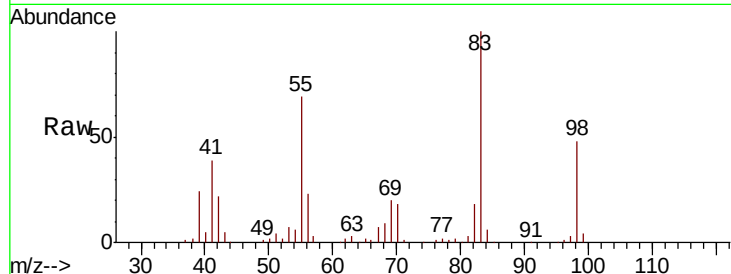




#39
Methylvlcyclohexane
Concen: 49.552 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

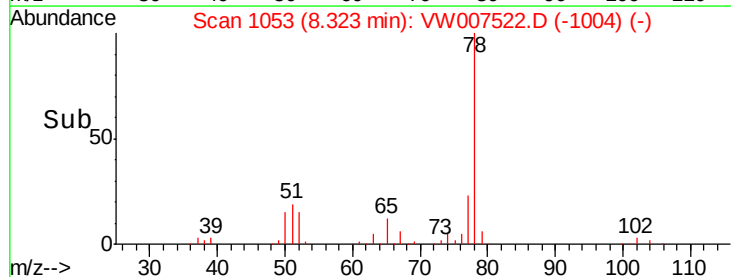
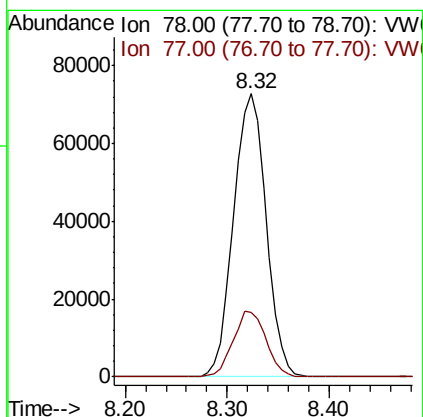
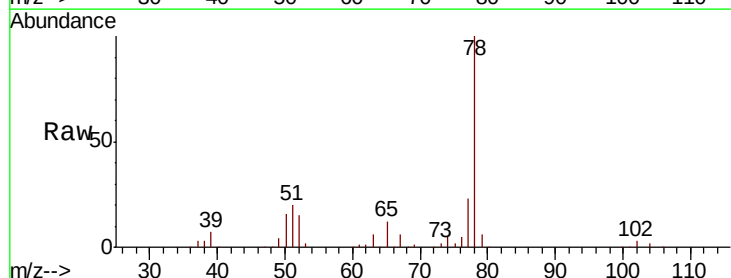
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

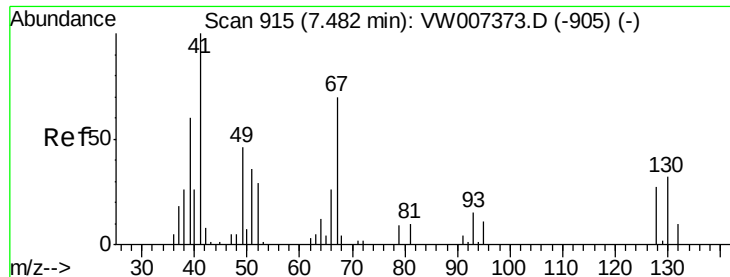
Tot Ion: 83 Resp: 67753
Ion Ratio Lower Upper
83 100
55 68.8 62.8 94.2
98 47.8 42.2 63.2



#40
Benzene
Concen: 51.443 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Tgt Ion: 78 Resp: 161206
Ion Ratio Lower Upper
78 100
77 22.6 18.8 28.2

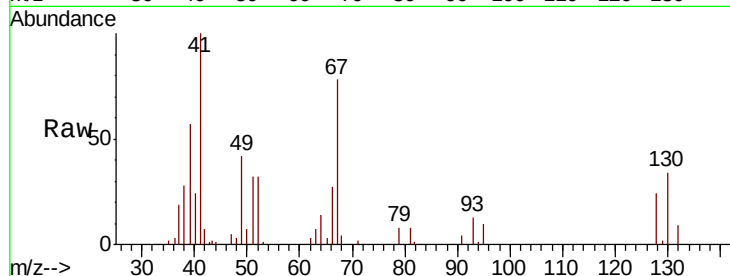




#41
Methacrylonitrile
Concen: 57.927 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	13854
Ion	Ratio	Lower	Upper
41	100		
39	57.2	52.2	78.2
67	77.7	60.5	90.7
52	33.3	25.3	37.9



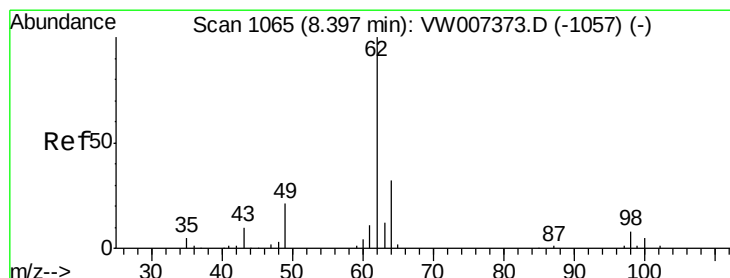
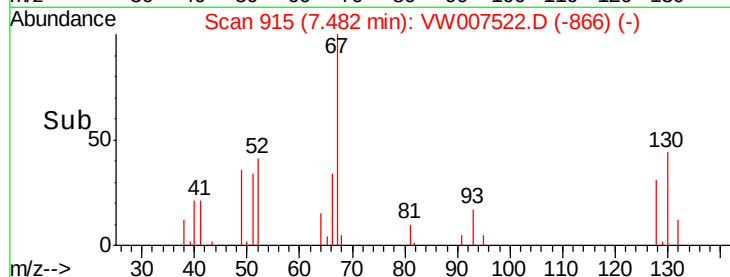
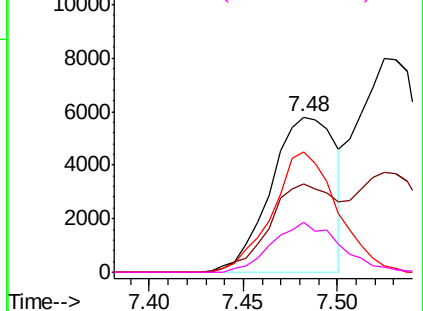
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

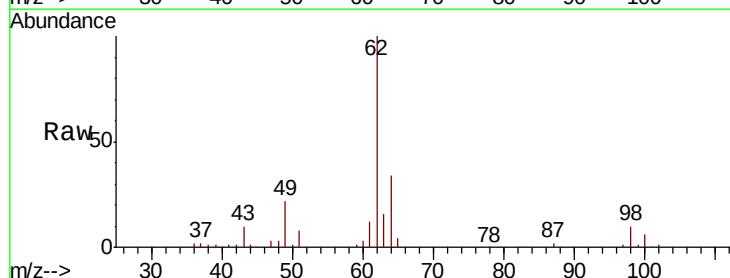
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 54.329 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

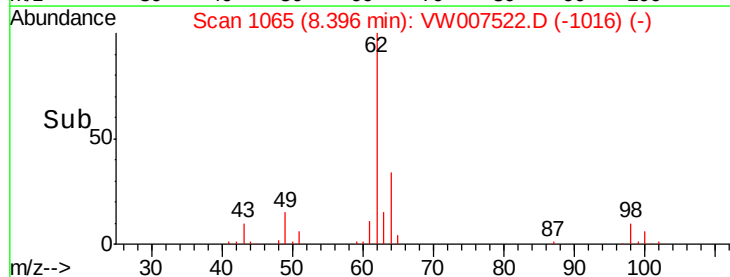
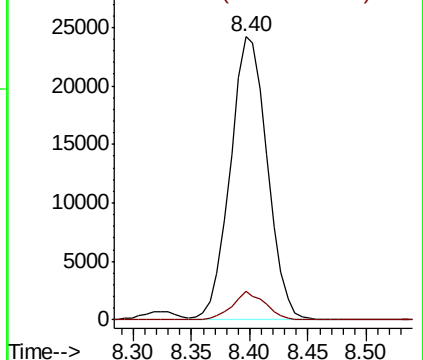
Tgt Ion:	62	Resp:	53480
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.6

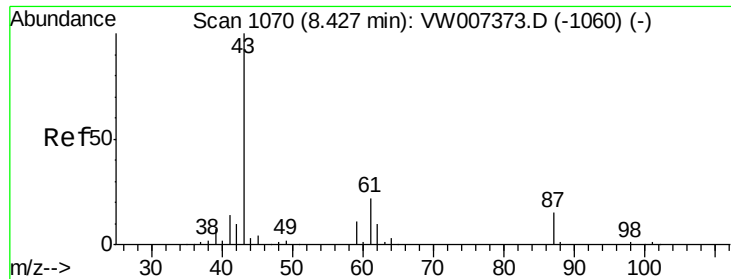


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 55.572 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

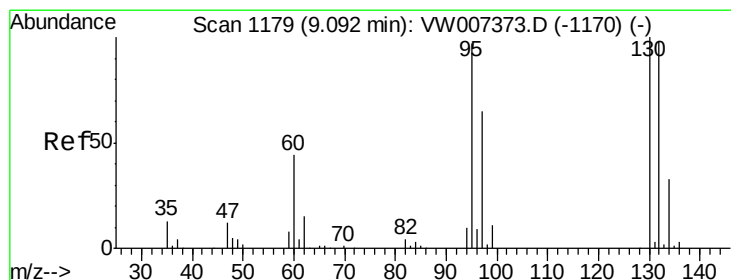
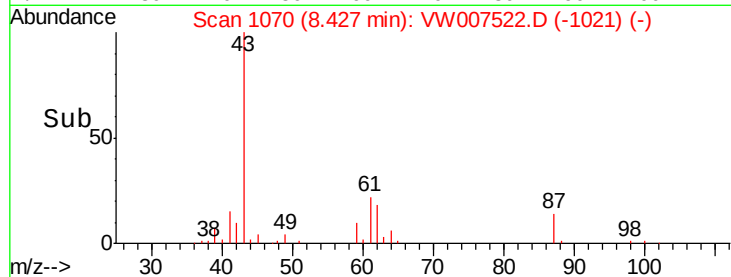
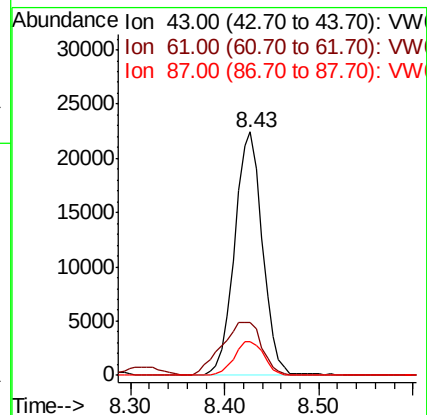
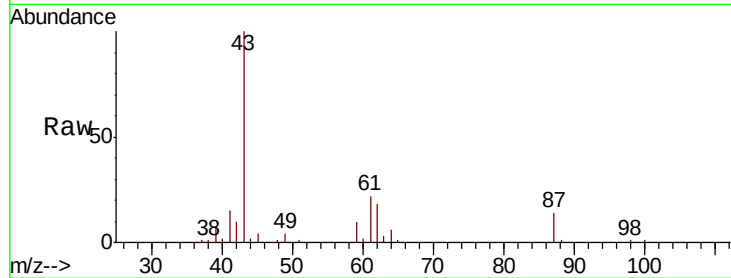
Tot Ion: 43 Resp: 46102

Ion Ratio Lower Upper

43 100

61 31.3 25.3 37.9

87 14.7 11.8 17.8



#44

Trichloroethene

Concen: 51.898 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007522.D

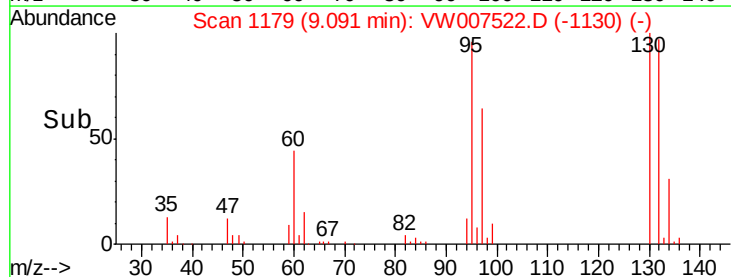
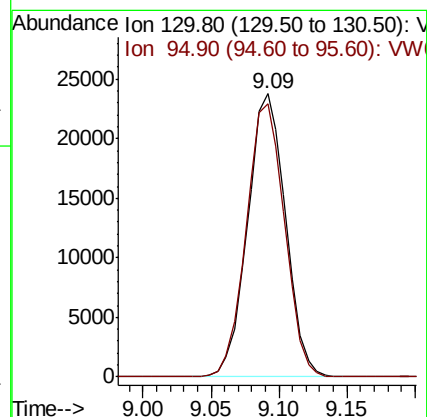
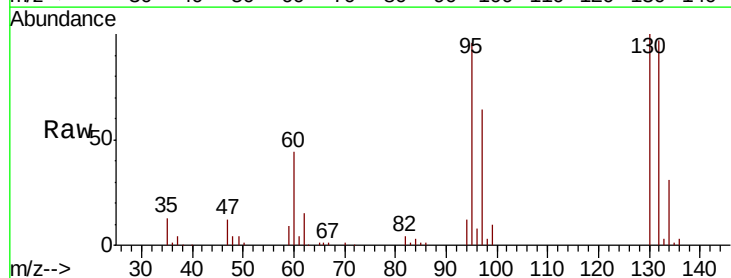
Acq: 14 Dec 2018 08:53

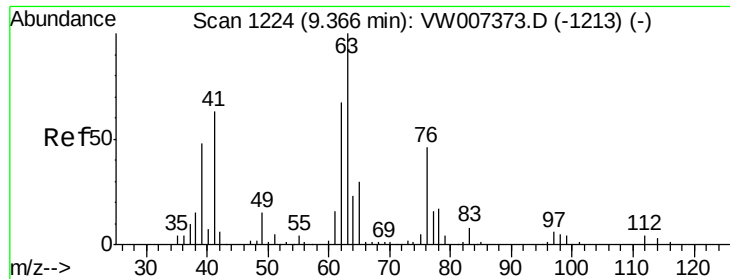
Tgt Ion: 130 Resp: 46441

Ion Ratio Lower Upper

130 100

95 96.4 0.0 193.2

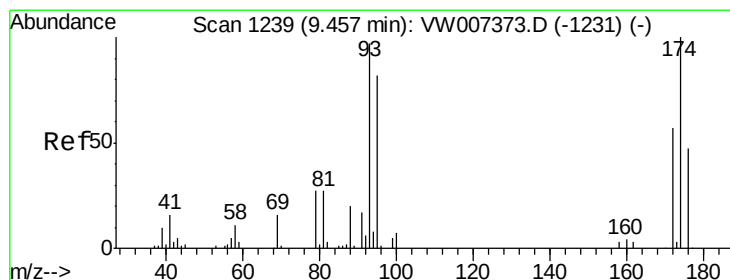
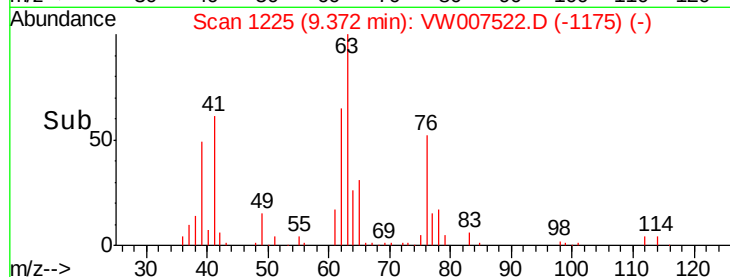
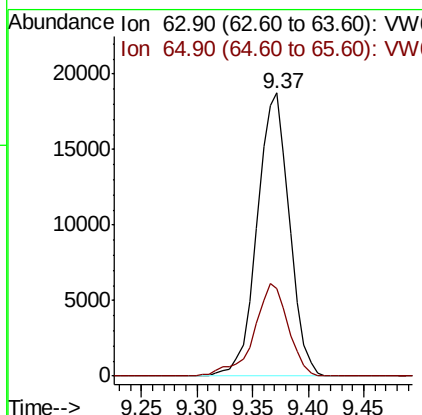
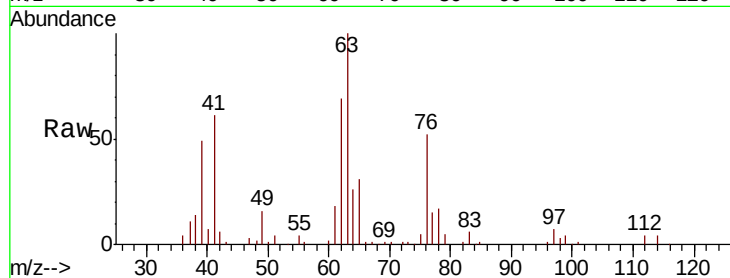




#45
 1,2-Dichloropropane
 Concen: 52.151 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

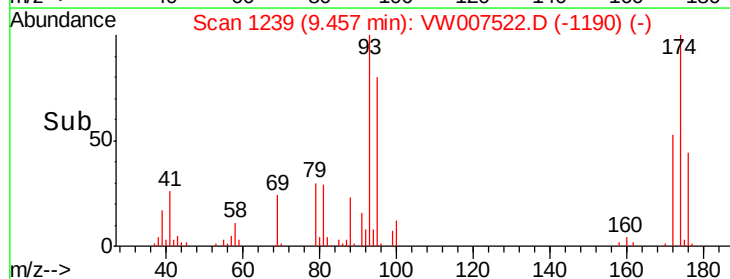
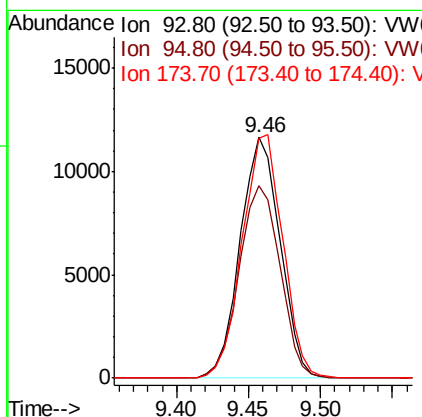
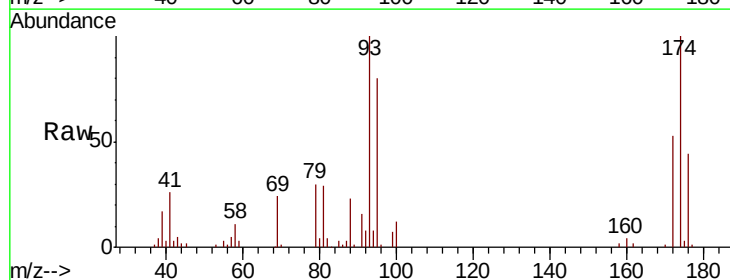
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

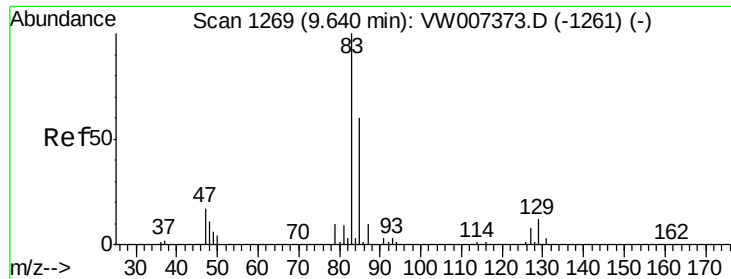
Tot Ion: 63 Resp: 37818
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.4 36.6



#46
 Dibromomethane
 Concen: 54.364 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Tgt Ion: 93 Resp: 22388
 Ion Ratio Lower Upper
 93 100
 95 82.2 68.0 102.0
 174 102.5 83.2 124.8

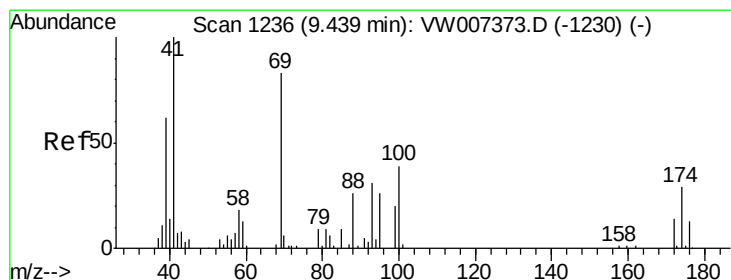
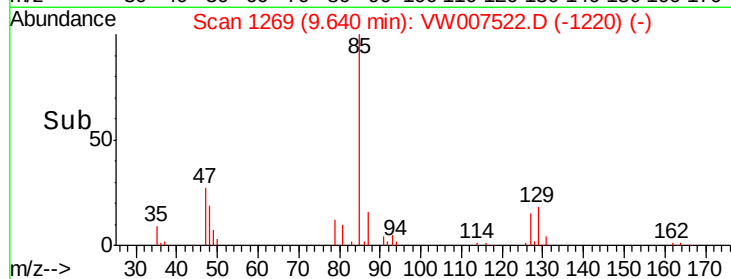
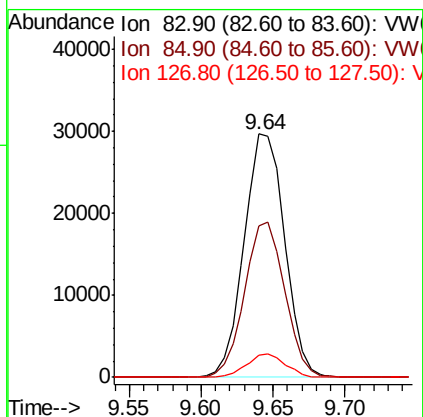
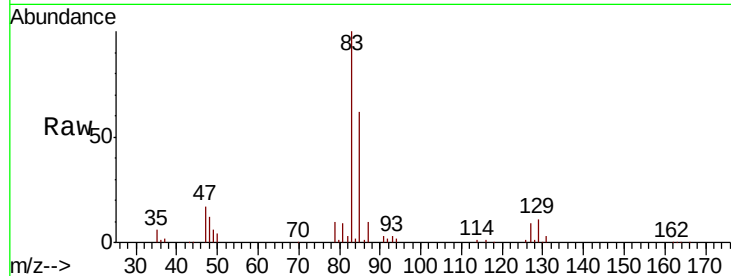




#47
 Bromodichloromethane
 Concen: 53.548 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

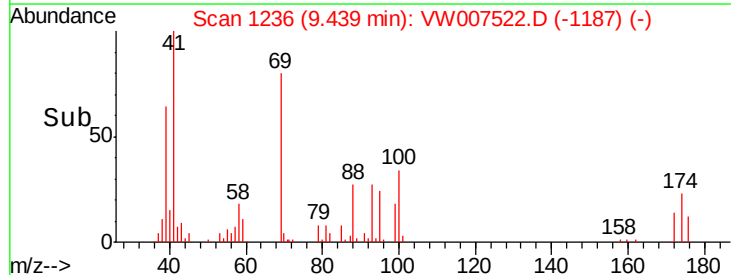
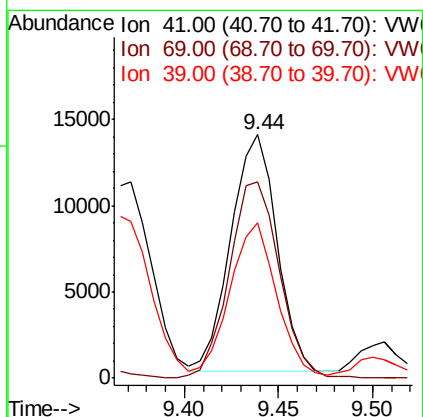
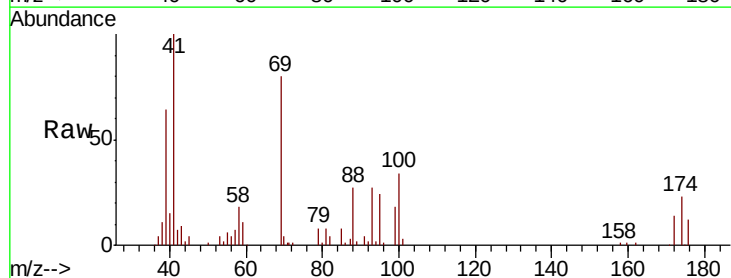
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

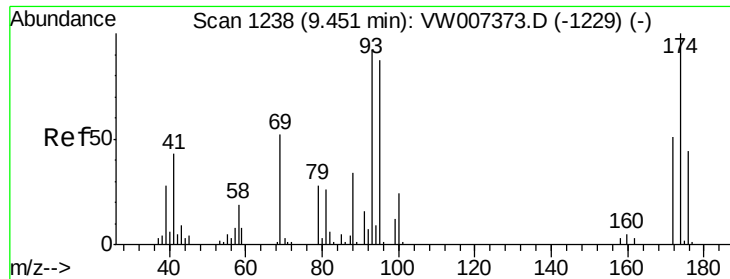
Tot Ion: 83 Resp: 57842
 Ion Ratio Lower Upper
 83 100
 85 62.2 47.6 71.4
 127 9.2 6.7 10.1



#48
 Methyl methacrylate
 Concen: 54.640 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Tgt Ion: 41 Resp: 23280
 Ion Ratio Lower Upper
 41 100
 69 90.3 69.8 104.8
 39 67.3 50.9 76.3

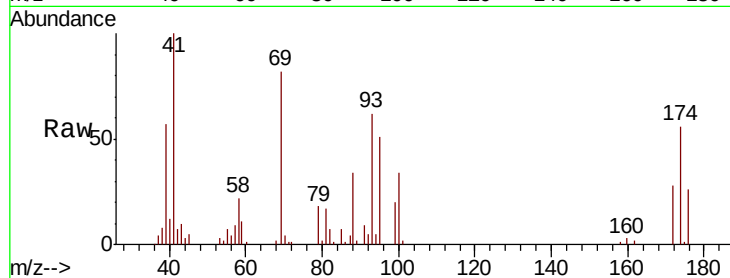




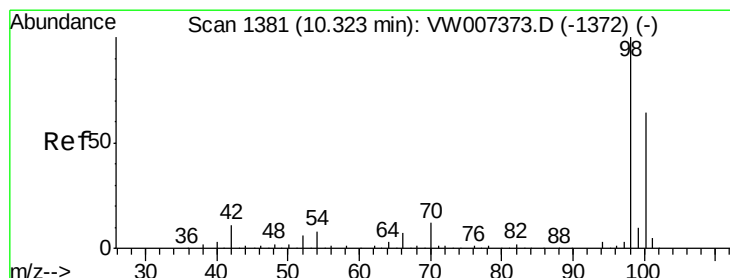
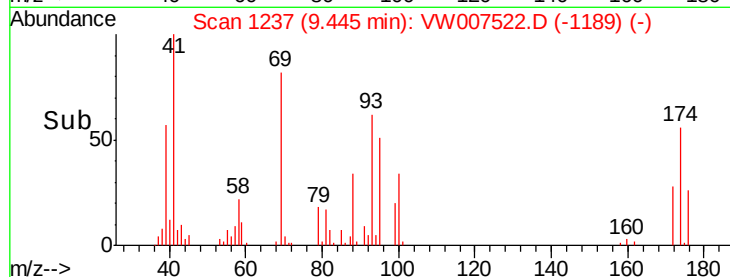
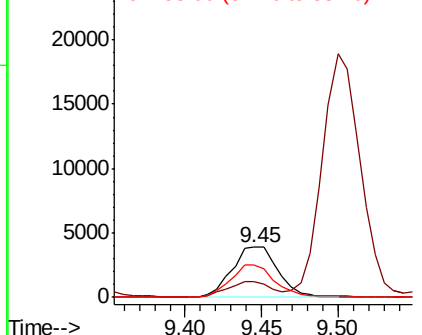
#49
 1,4-Dioxane
 Concen: 1225.989 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 8192
 Ion Ratio Lower Upper
 88 100
 43 29.0 25.0 37.4
 58 63.0 51.4 77.2

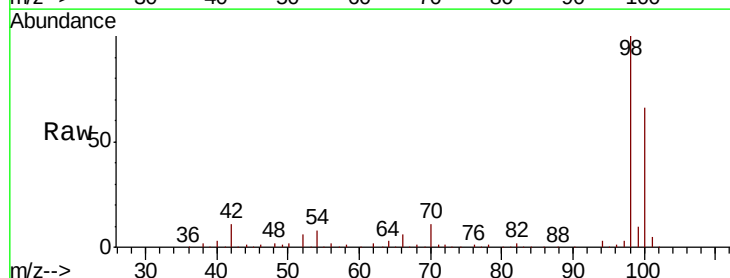


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

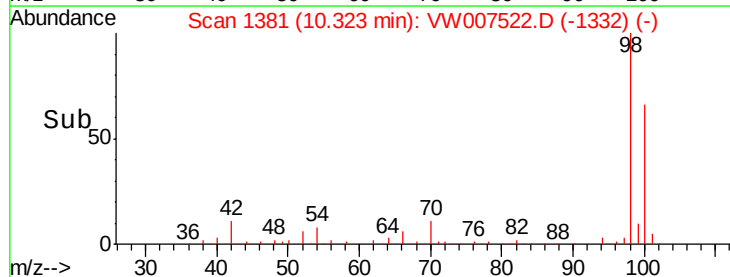
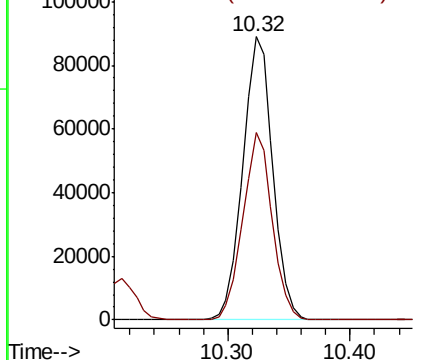


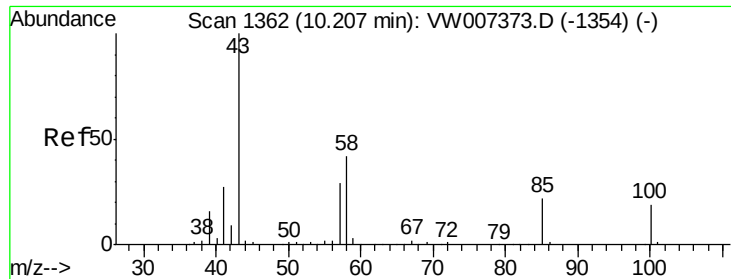
#50
 Toluene-d8
 Concen: 53.767 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Tgt Ion: 98 Resp: 151058
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.8 77.8



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

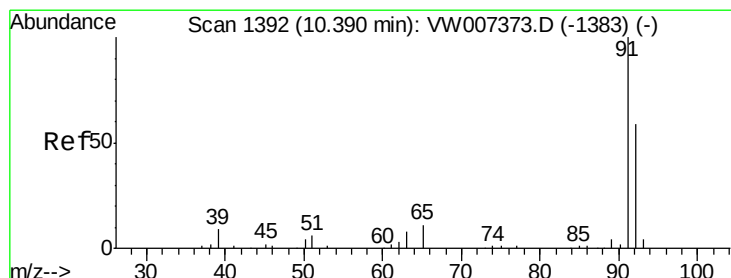
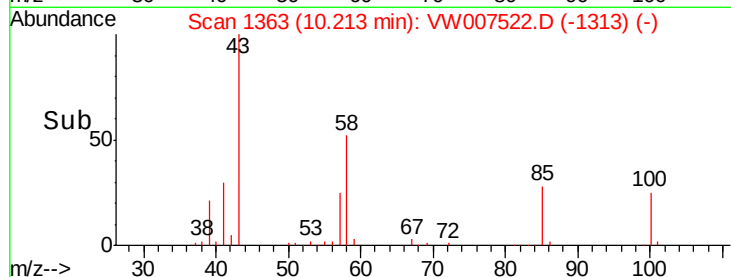
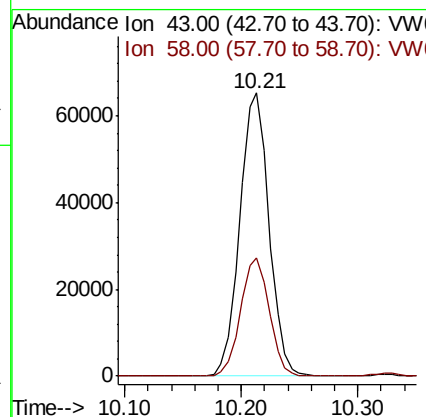
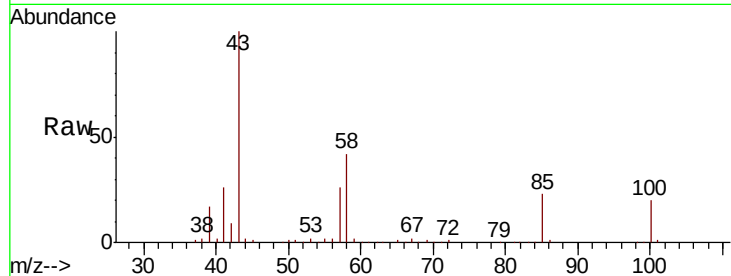




#51
4-Methyl-2-Pentanone
Concen: 291.303 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

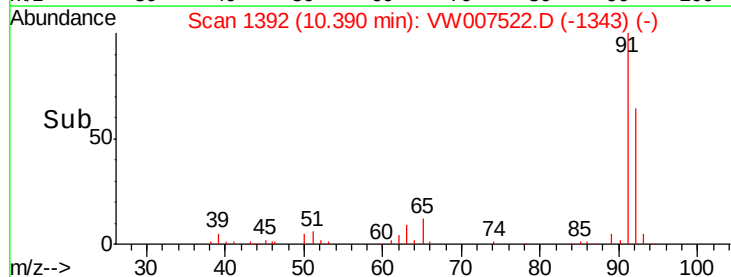
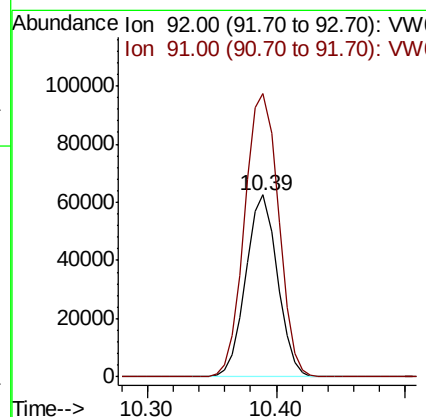
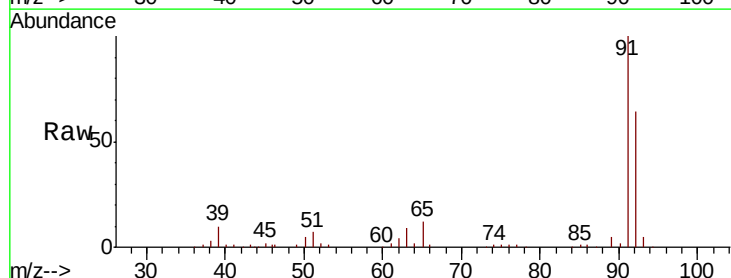
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

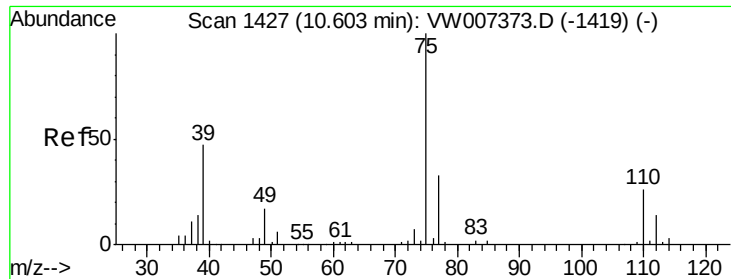
Tot Ion: 43 Resp: 114186
Ion Ratio Lower Upper
43 100
58 41.2 33.1 49.7



#52
Toluene
Concen: 52.322 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Tgt Ion: 92 Resp: 106107
Ion Ratio Lower Upper
92 100
91 167.1 136.2 204.2

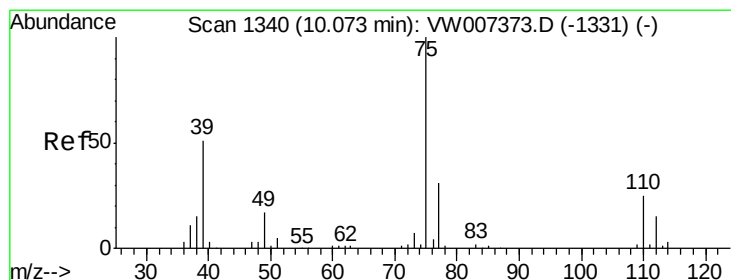
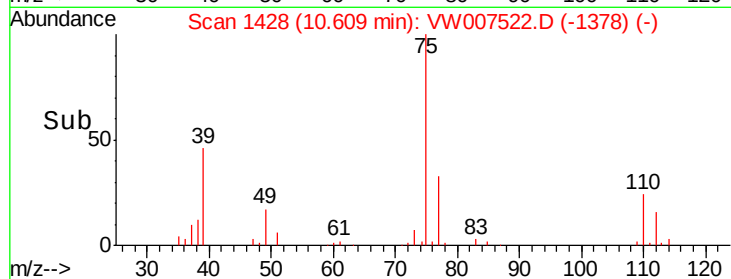
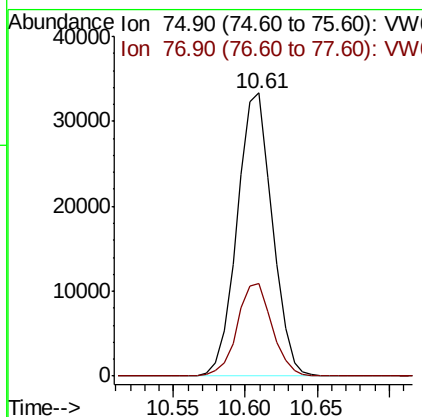
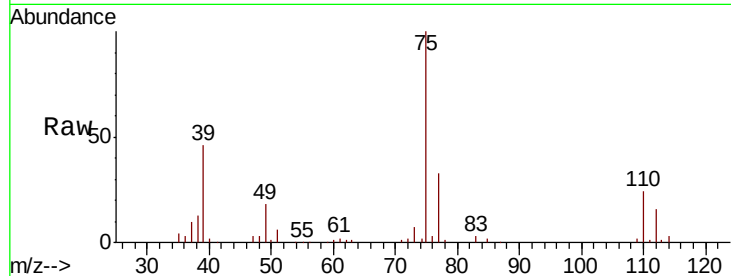




#53
 t-1,3-Dichloropropene
 Concen: 53.805 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

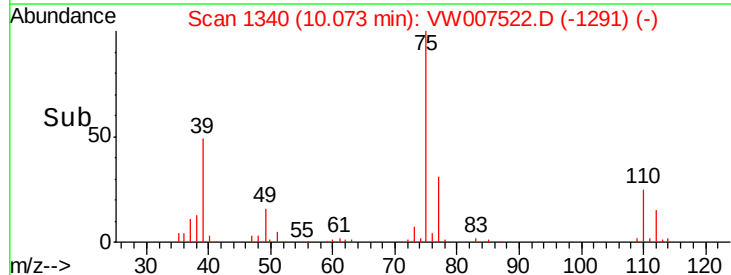
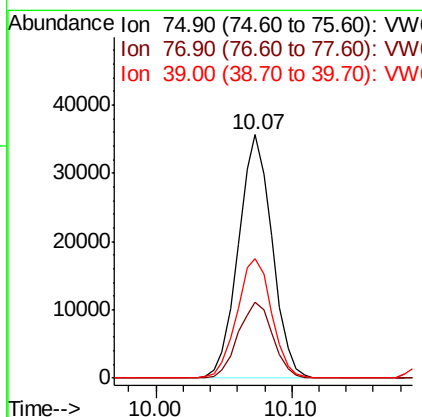
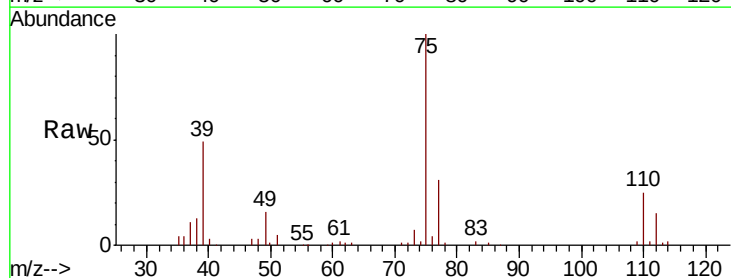
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

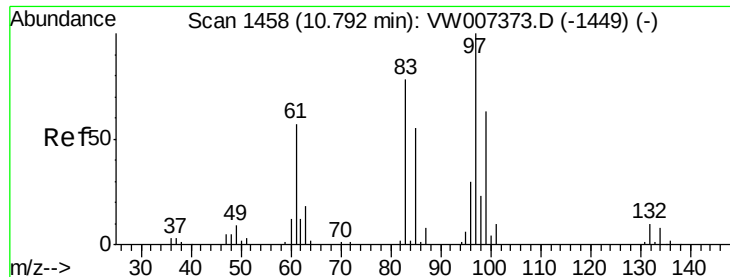
Tot Ion: 75 Resp: 56424
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.2 39.4



#54
 cis-1,3-Dichloropropene
 Concen: 50.876 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Tgt Ion: 75 Resp: 61677
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.8 37.2
 39 48.9 40.9 61.3

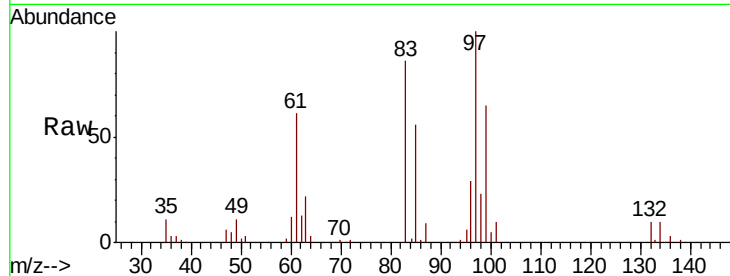




#55
 1,1,2-Trichloroethane
 Concen: 57.333 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	32134
Ion	Ratio	Lower	Upper
97	100		
83	86.4	62.1	93.1
85	56.0	44.2	66.4
99	65.1	50.2	75.4



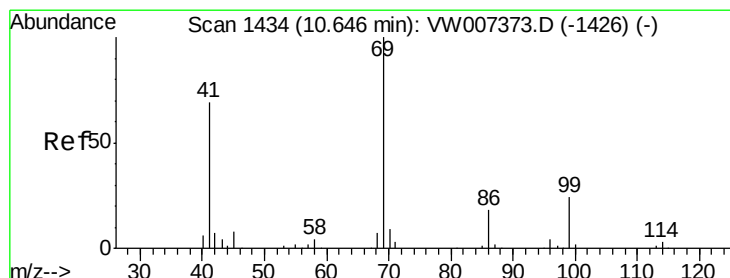
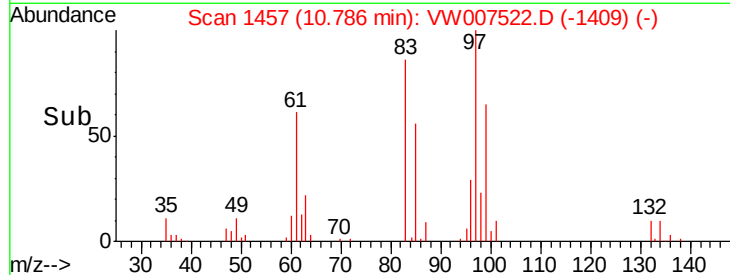
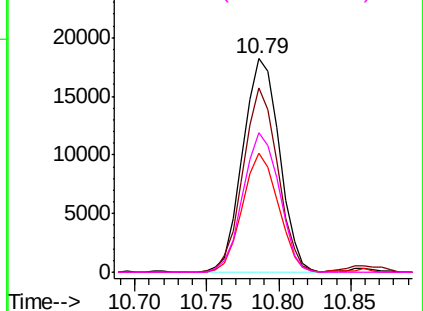
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

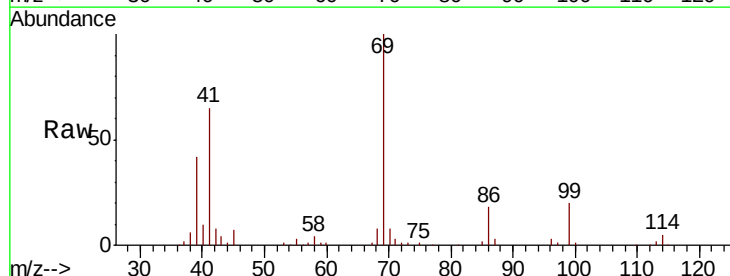
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 59.410 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Tgt Ion:	69	Resp:	40023
Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.0	76.6
39	39.0	30.8	46.2

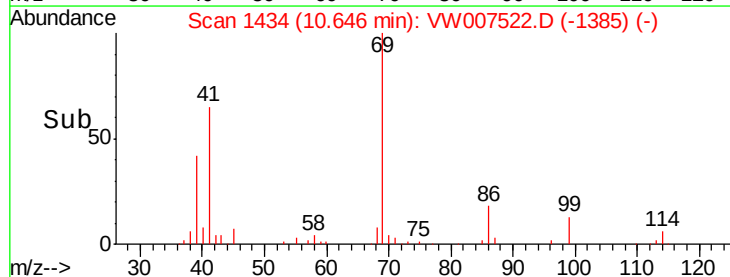
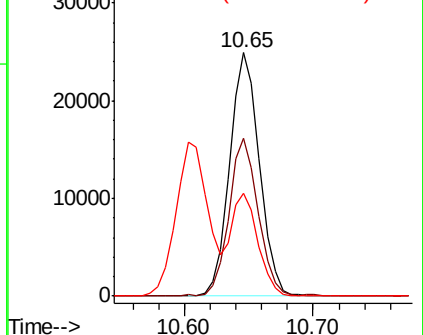


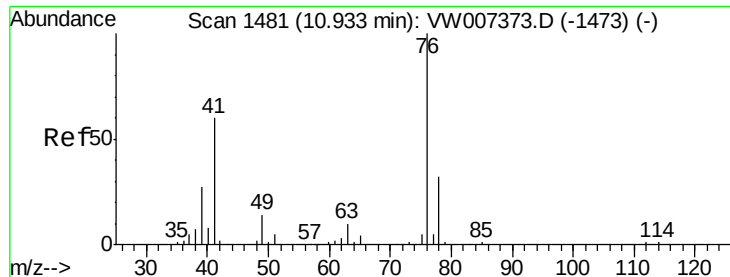
Abundance

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

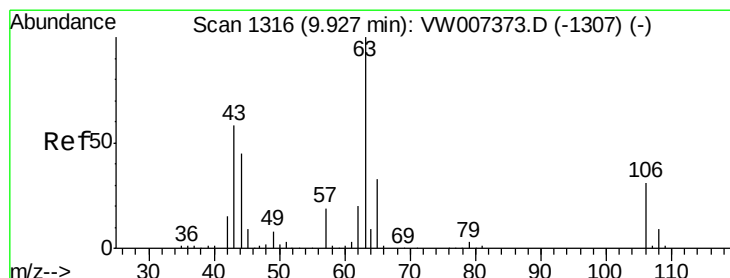
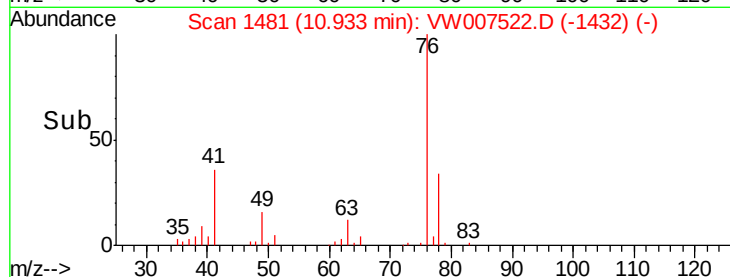
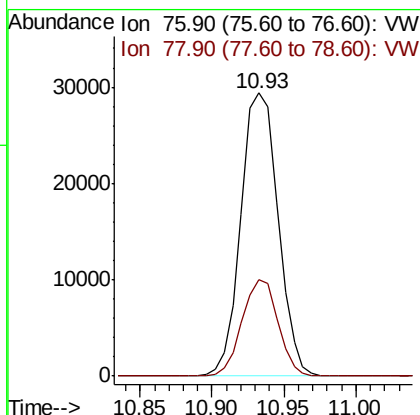
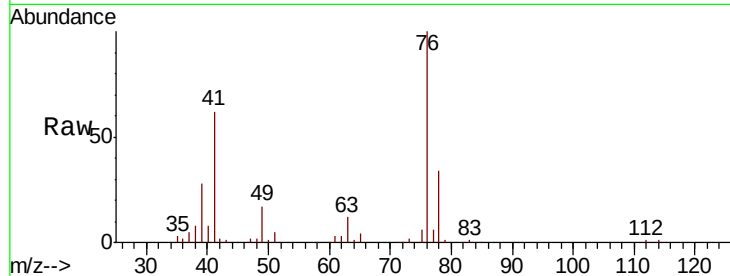




#57
 1,3-Dichloropropane
 Concen: 57.288 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

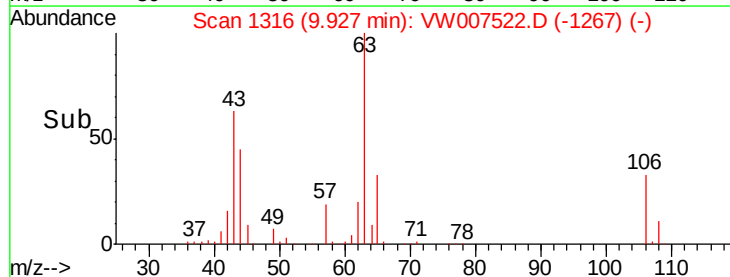
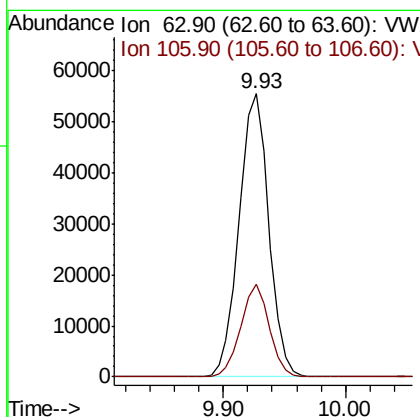
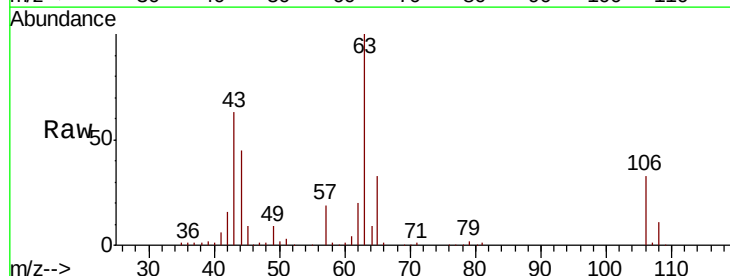
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

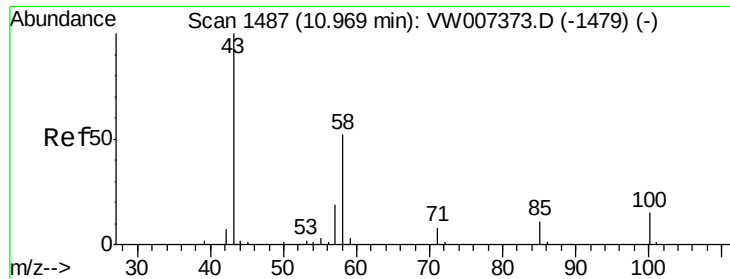
Tot Ion: 76 Resp: 52702
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 300.673 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Tgt Ion: 63 Resp: 93408
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.0 37.6

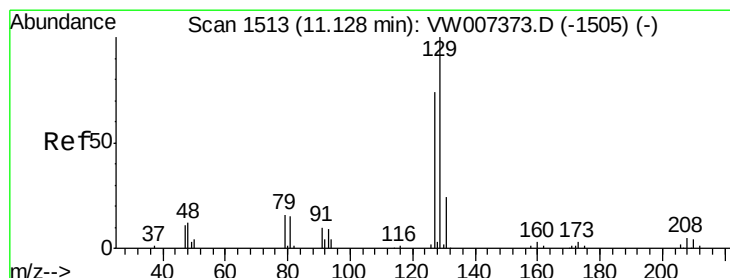
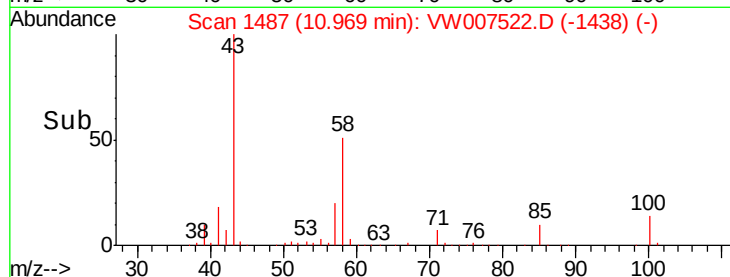
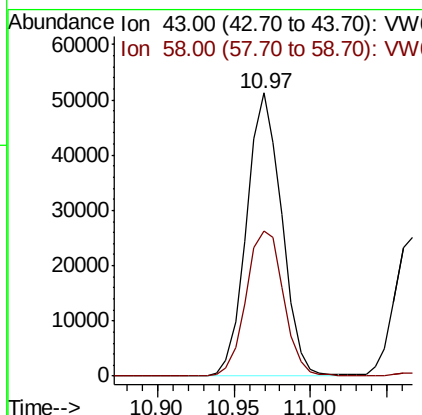
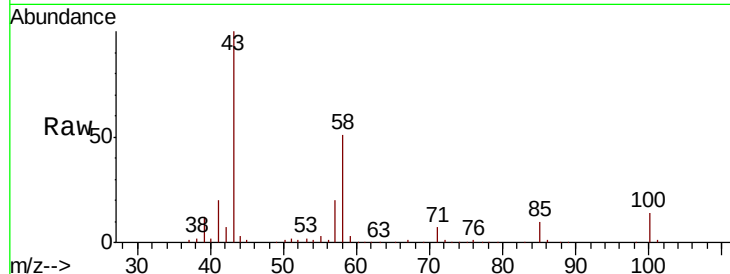




#59
2-Hexanone
Concen: 312.352 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

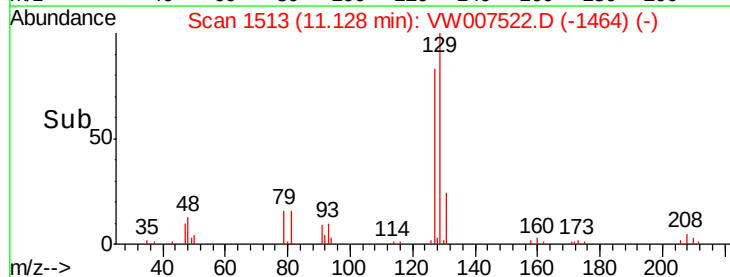
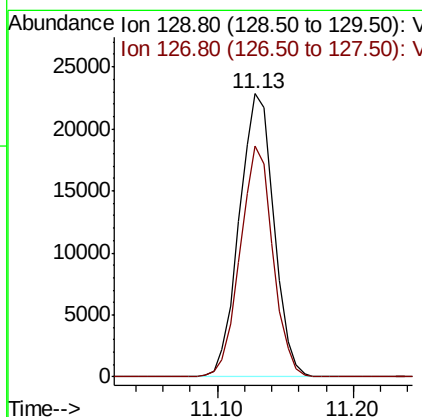
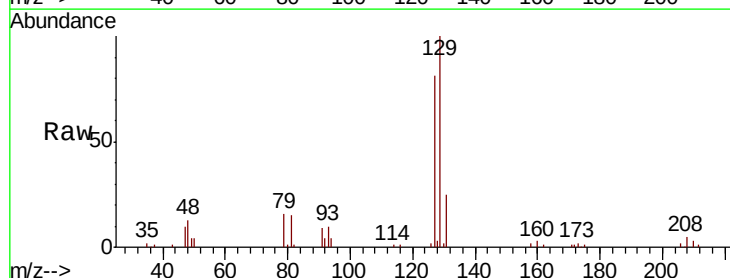
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

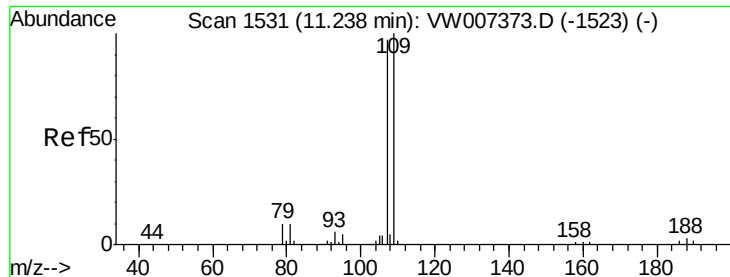
Tot Ion: 43 Resp: 81641
Ion Ratio Lower Upper
43 100
58 54.7 27.1 81.3



#60
Dibromochloromethane
Concen: 57.343 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Tgt Ion: 129 Resp: 40560
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.3

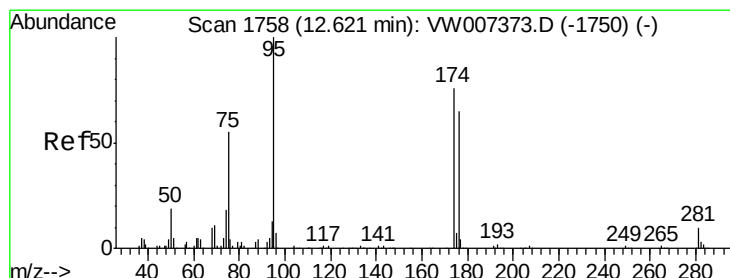
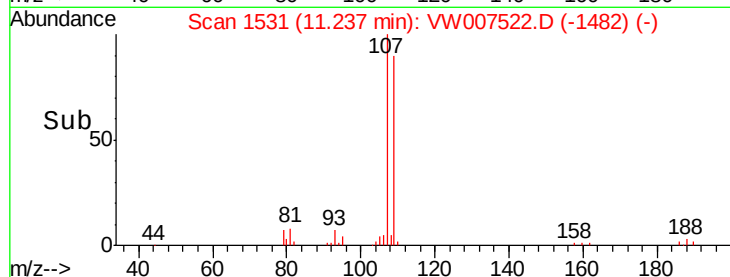
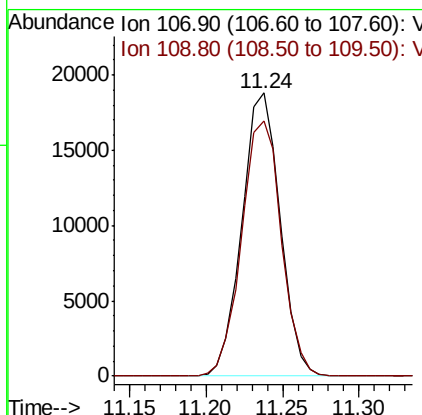
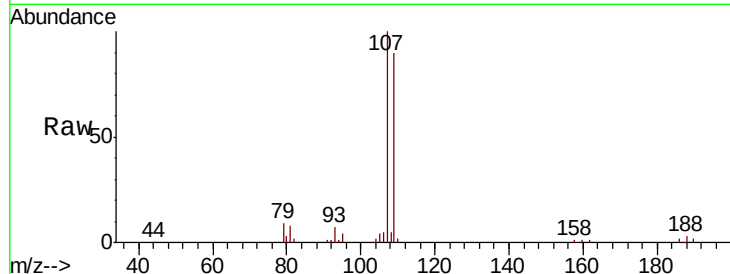




#61
 1,2-Dibromoethane
 Concen: 58.884 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

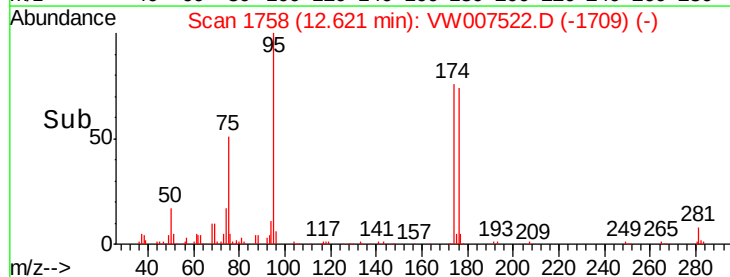
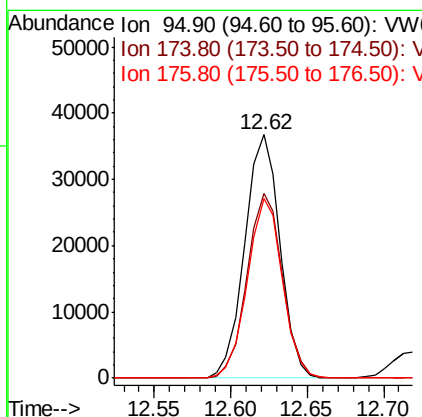
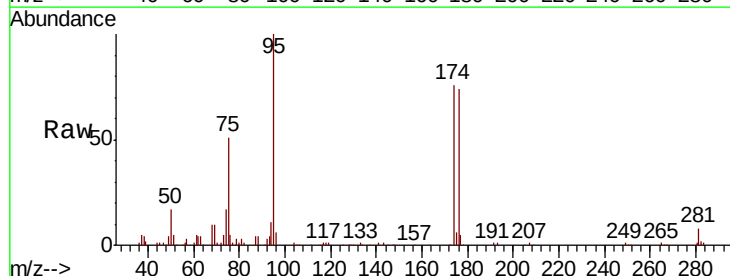
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

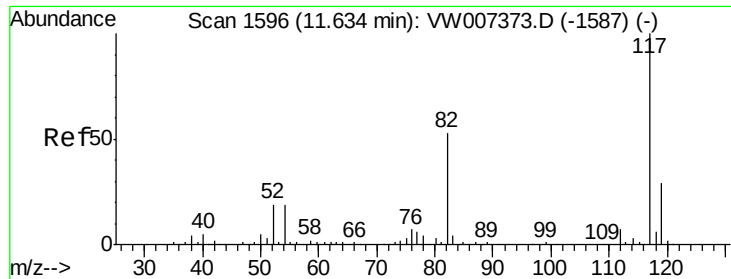
Tot Ion:107 Resp: 32615
 Ion Ratio Lower Upper
 107 100
 109 94.0 79.1 118.7



#62
 4-Bromofluorobenzene
 Concen: 57.024 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Tgt Ion: 95 Resp: 58904
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 147.2
 176 73.3 0.0 138.8

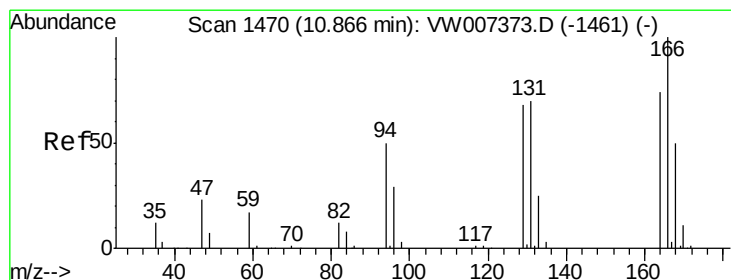
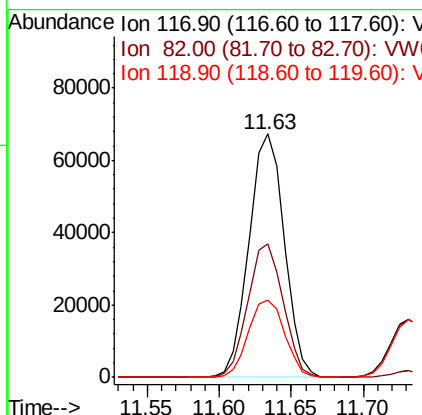
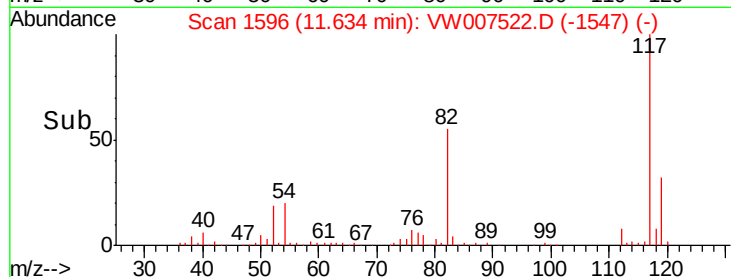
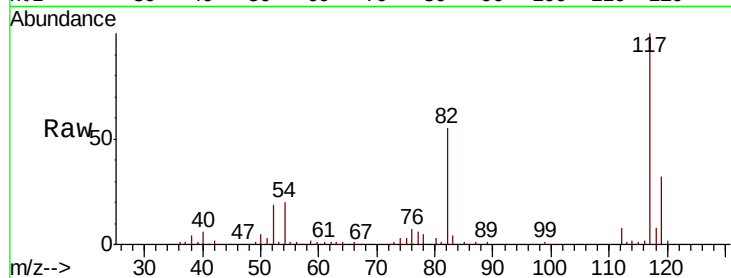




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

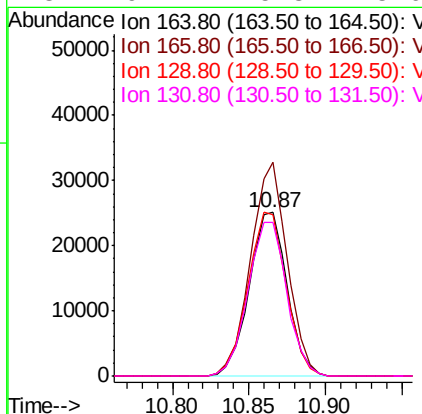
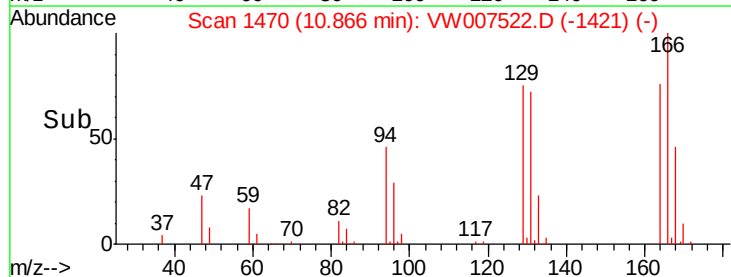
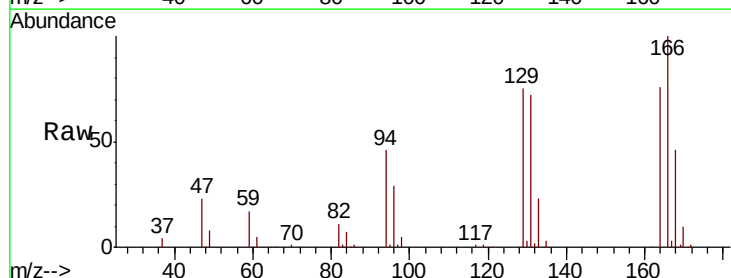
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

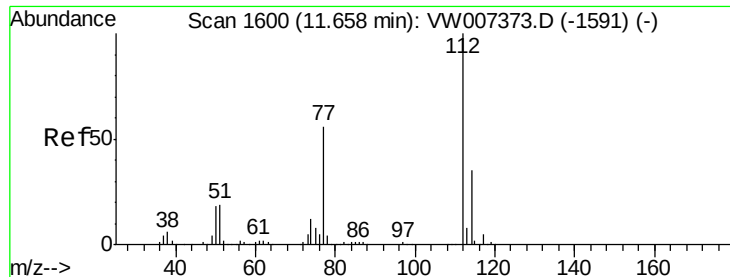
Tot Ion:117 Resp: 114296
Ion Ratio Lower Upper
117 100
82 54.7 42.3 63.5
119 31.7 23.0 34.6



#64
Tetrachloroethene
Concen: 52.616 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Tgt Ion:164 Resp: 43247
Ion Ratio Lower Upper
164 100
166 130.8 107.9 161.9
129 98.5 73.4 110.2
131 94.4 75.8 113.6

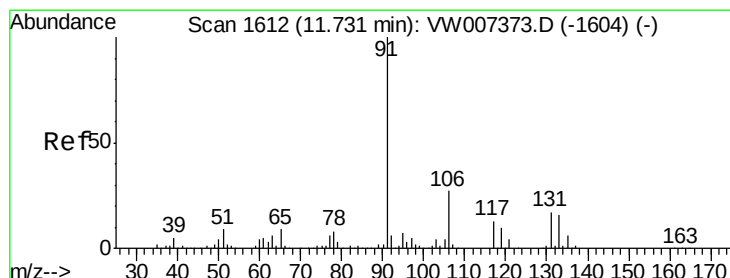
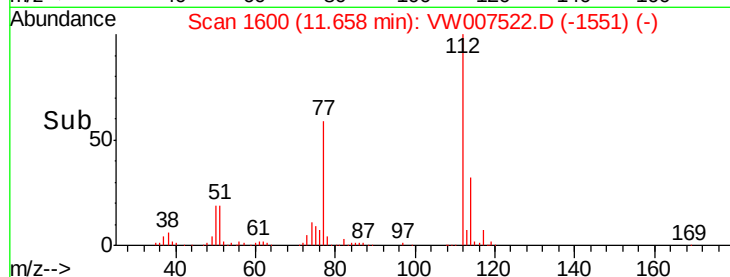
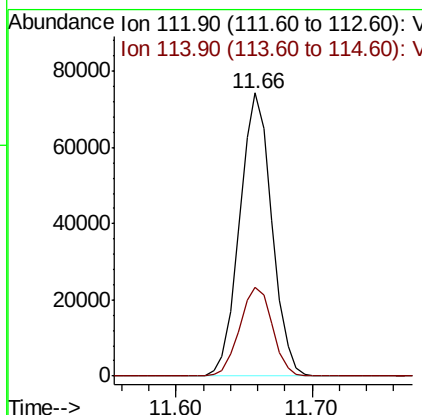
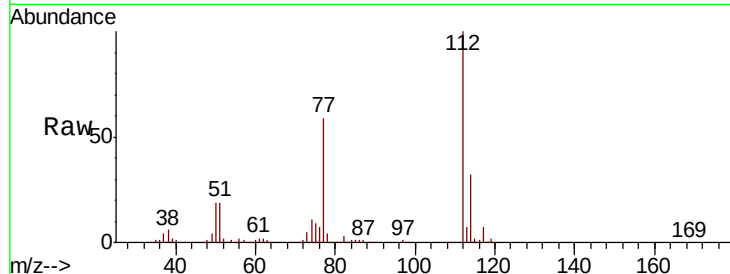




#65
Chlorobenzene
Concen: 51.479 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

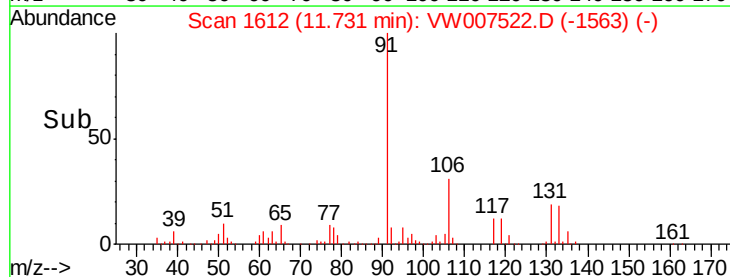
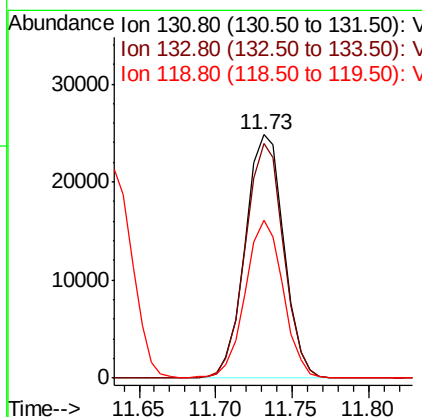
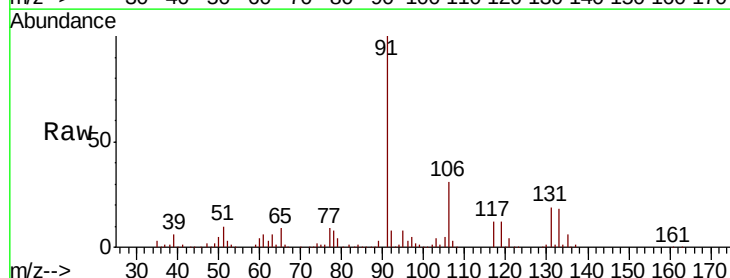
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

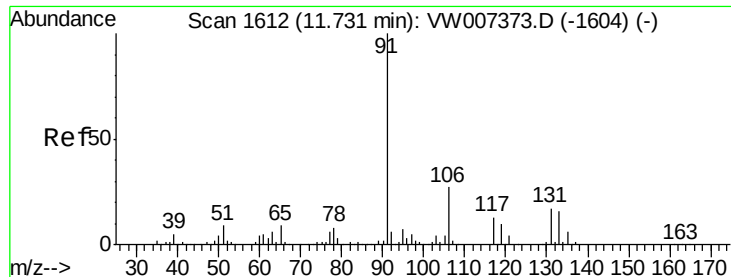
Tot Ion:112 Resp: 122639
Ion Ratio Lower Upper
112 100
114 31.6 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.105 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Tgt Ion:131 Resp: 43718
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.4
119 63.2 31.3 93.9

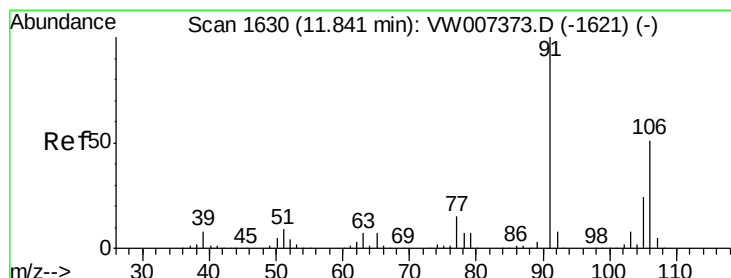
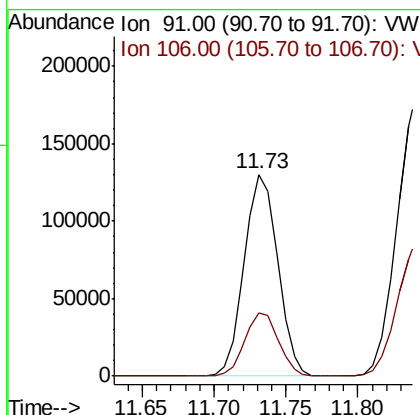
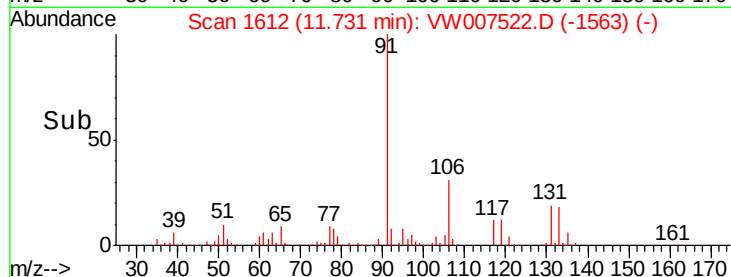
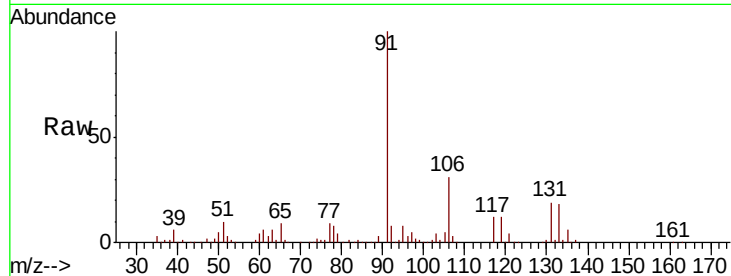




#67
Ethyl Benzene
Concen: 51.361 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

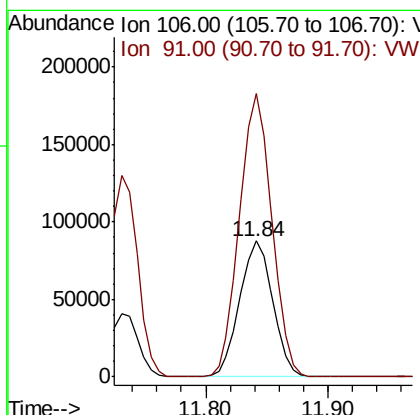
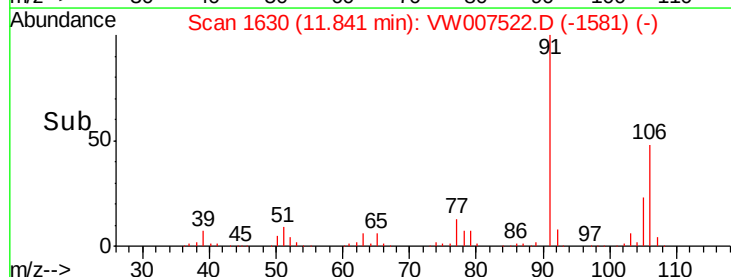
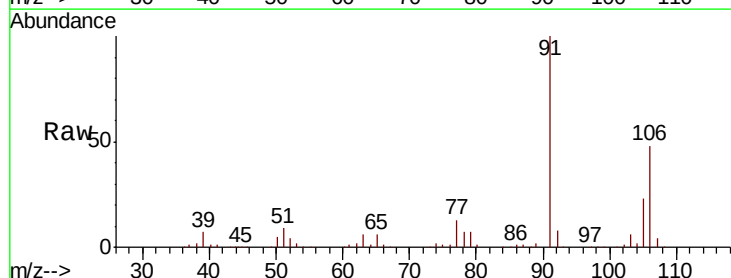
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

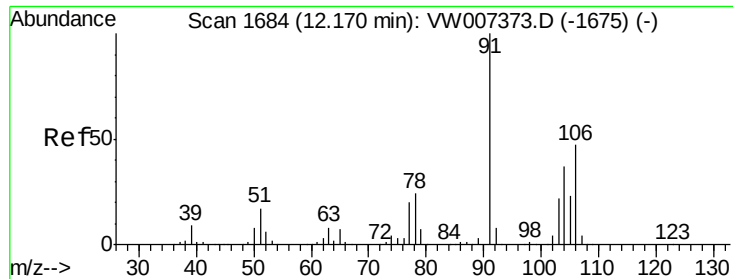
Tot Ion: 91 Resp: 210365
Ion Ratio Lower Upper
91 100
106 31.1 21.8 32.8



#68
m/p-Xylenes
Concen: 103.335 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Tgt Ion: 106 Resp: 164538
Ion Ratio Lower Upper
106 100
91 204.7 165.3 247.9

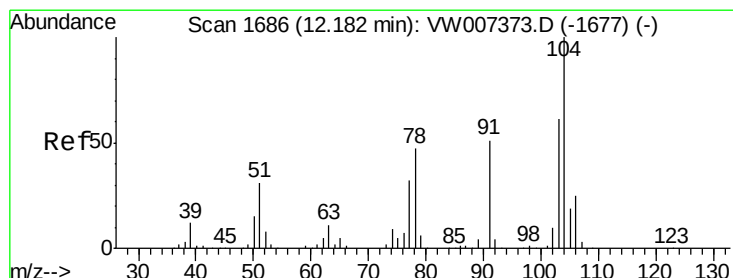
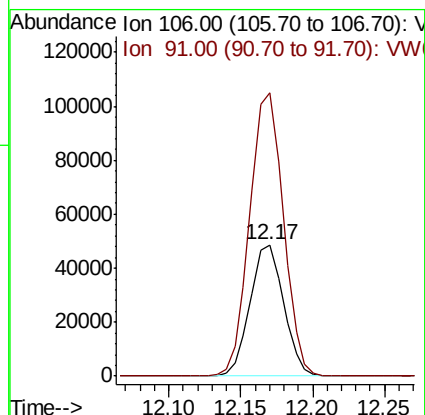
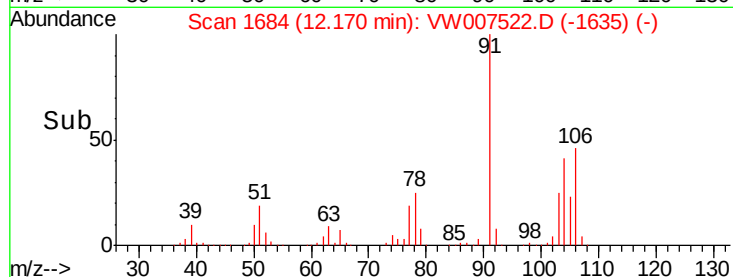
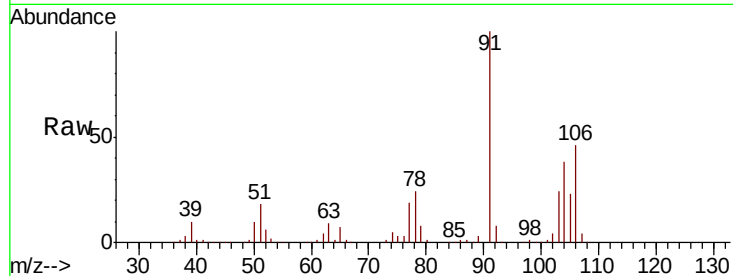




#69
o-Xylene
Concen: 52.818 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

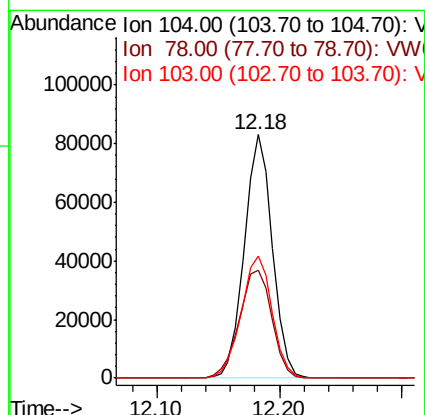
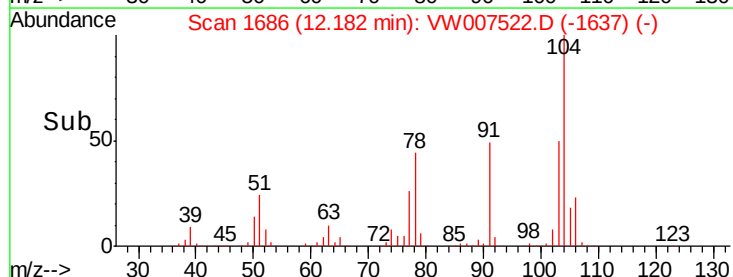
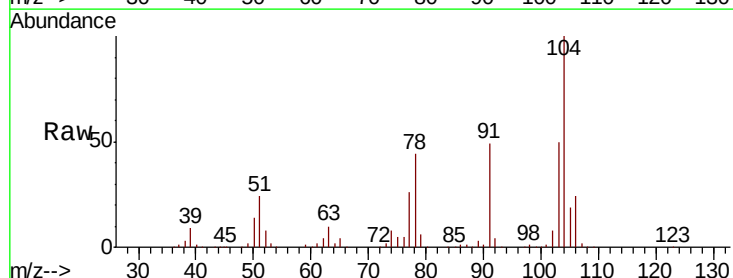
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

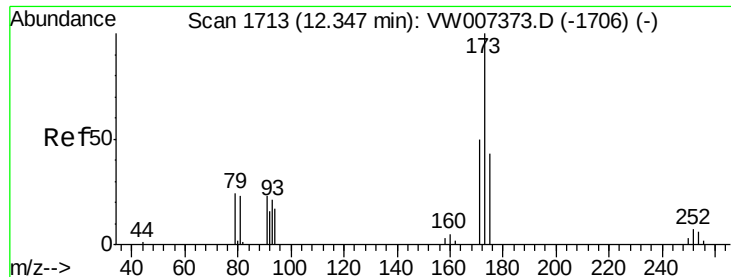
Tot Ion:106 Resp: 78545
Ion Ratio Lower Upper
106 100
91 216.3 106.6 319.8



#70
Styrene
Concen: 54.855 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Tgt Ion:104 Resp: 131758
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.8
103 55.3 46.6 69.8





#71

Bromoform

Concen: 53.782 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

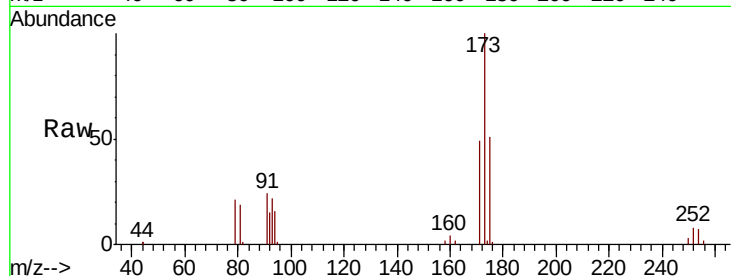
Tot Ion:173 Resp: 23097

Ion Ratio Lower Upper

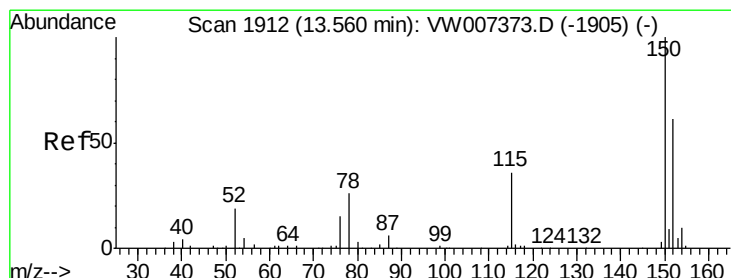
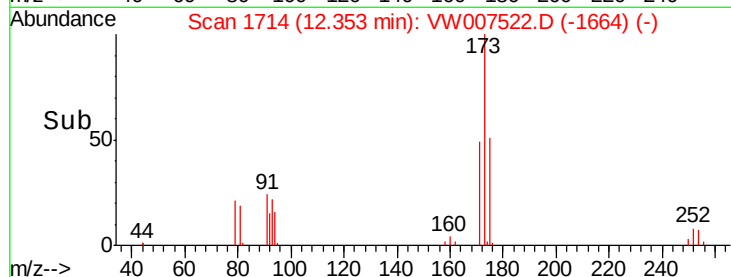
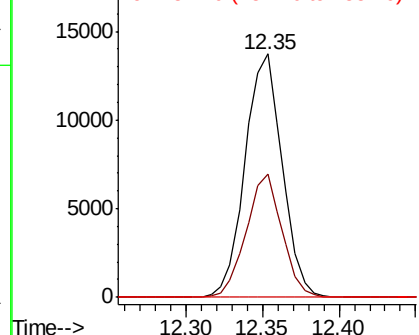
173 100

175 48.7 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: VW007522.D

Acq: 14 Dec 2018 08:53

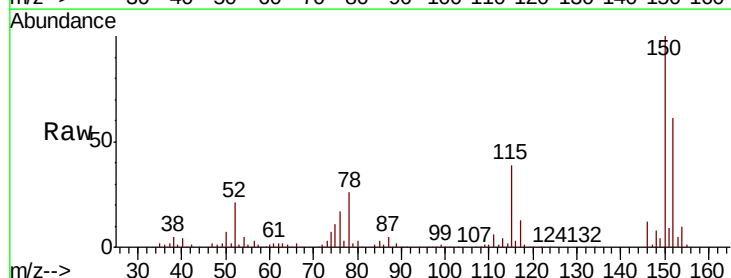
Tgt Ion:152 Resp: 56715

Ion Ratio Lower Upper

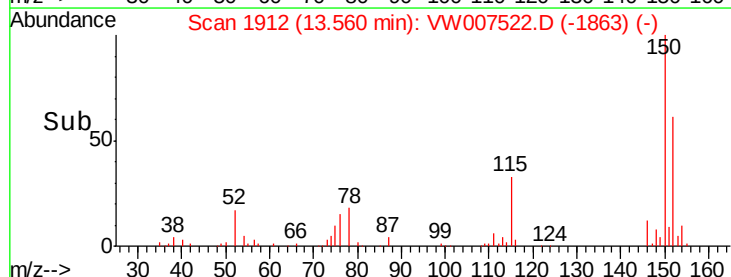
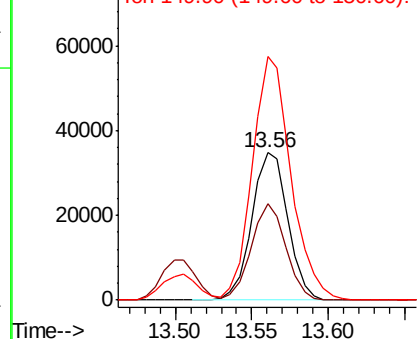
152 100

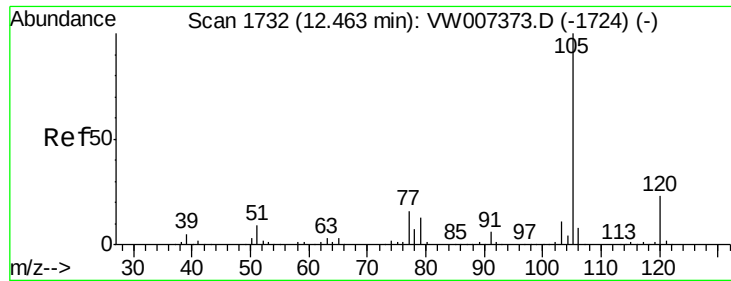
115 62.8 31.4 94.2

150 177.3 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: 50.018 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA_W

ClientSampleId :

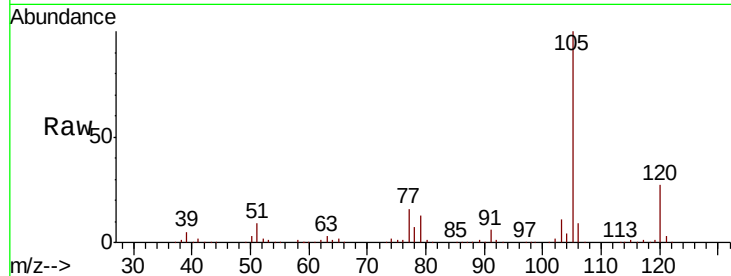
VSTDCCC050

Tot Ion:105 Resp: 217364

Ion Ratio Lower Upper

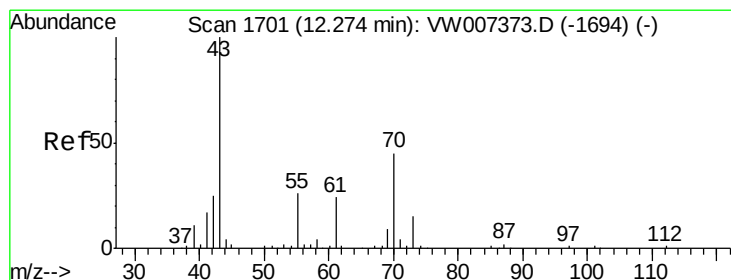
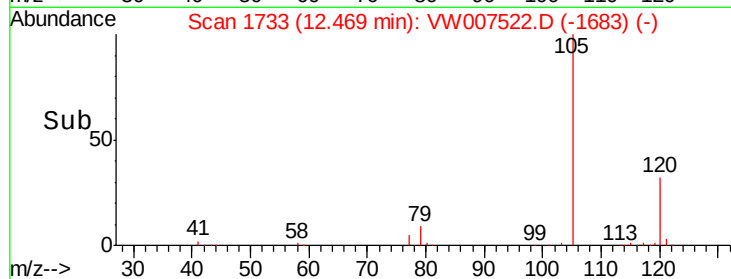
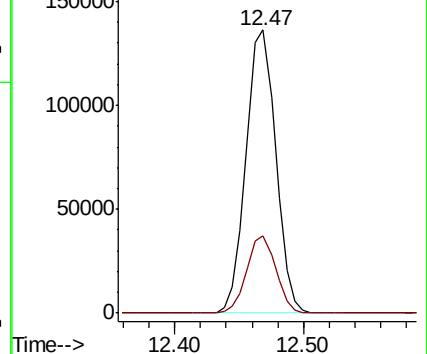
105 100

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: 55.868 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Tgt Ion: 43 Resp: 44124

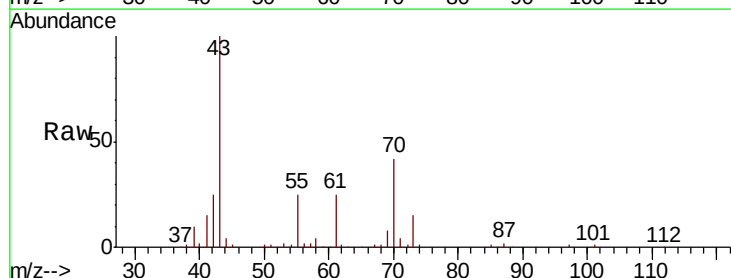
Ion Ratio Lower Upper

43 100

70 43.7 36.5 54.7

55 25.7 20.1 30.1

61 25.1 19.3 28.9

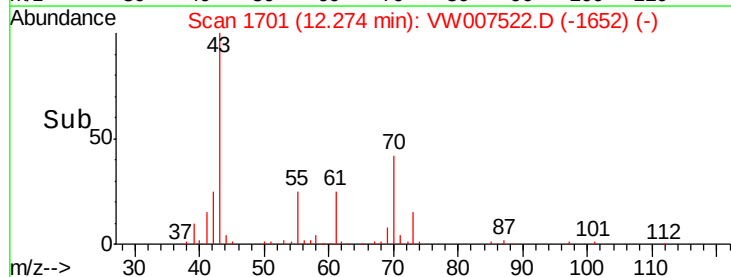
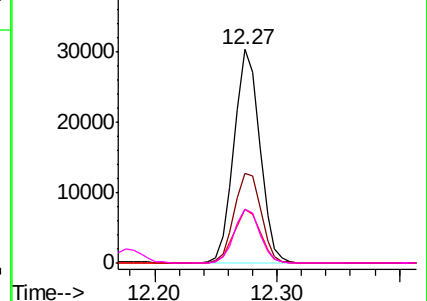


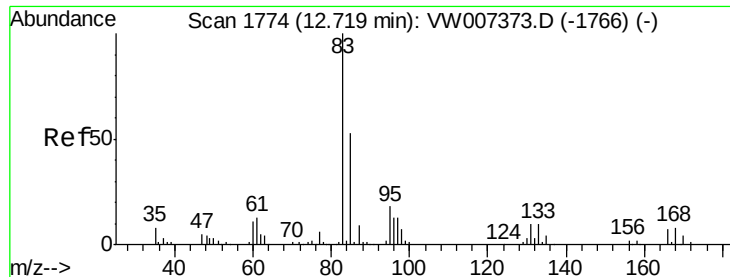
Abundance Ion 43.00 (42.70 to 43.70): VW

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

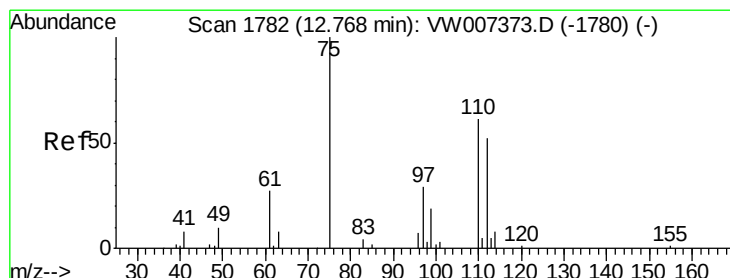
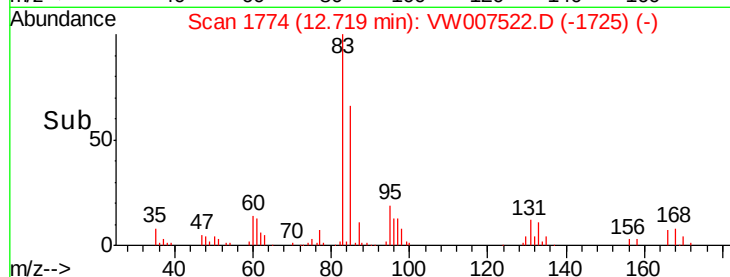
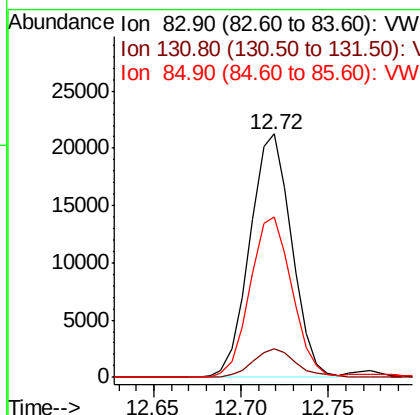
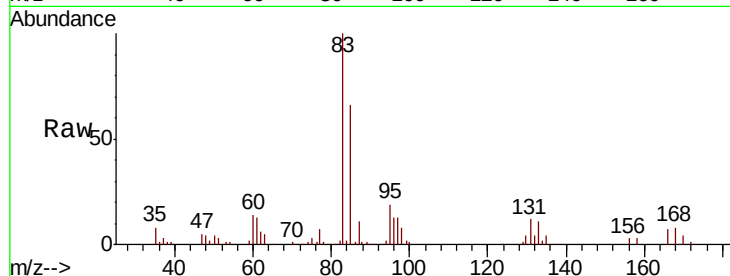




#75
 1,1,2,2-Tetrachloroethane
 Concen: 54.854 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

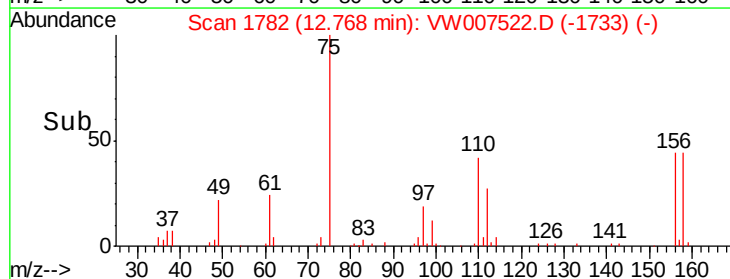
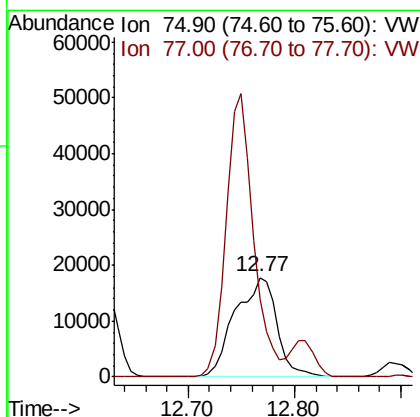
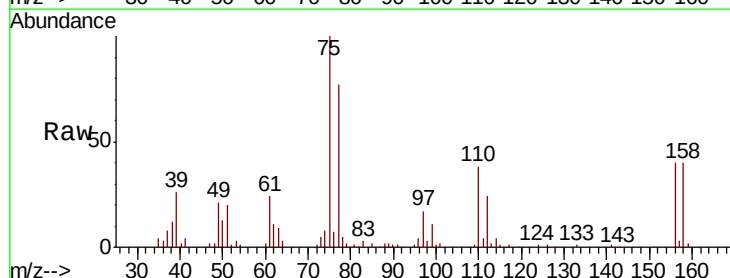
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

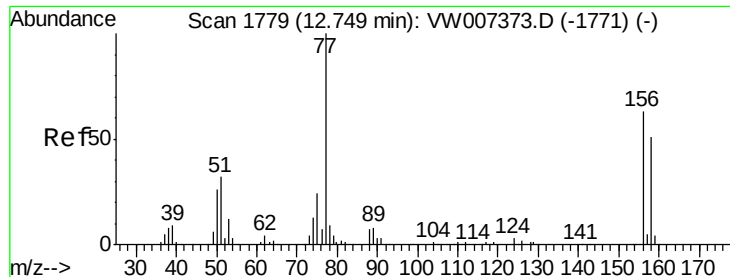
Tot Ion	83	Resp	35307
Ion Ratio	Lower	Upper	
83	100		
131	12.3	5.9	17.8
85	66.4	30.0	90.0



#76
 1,2,3-Trichloropropane
 Concen: 104.469 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Tgt Ion	75	Resp	48853
Ion Ratio	Lower	Upper	
75	100		
77	186.5	166.9	500.8





#77

Bromobenzene

Concen: 51.785 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

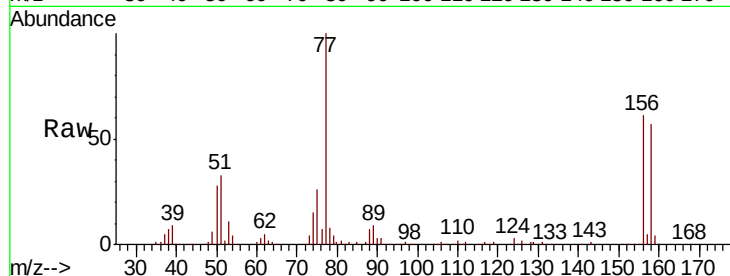
Tot Ion:156 Resp: 49883

Ion Ratio Lower Upper

156 100

77 182.7 88.1 264.4

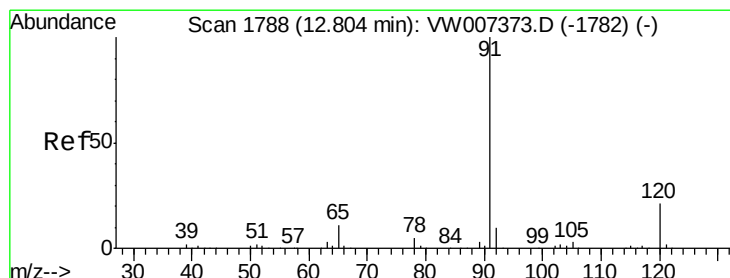
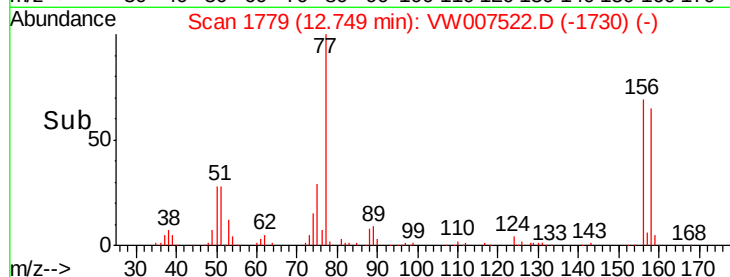
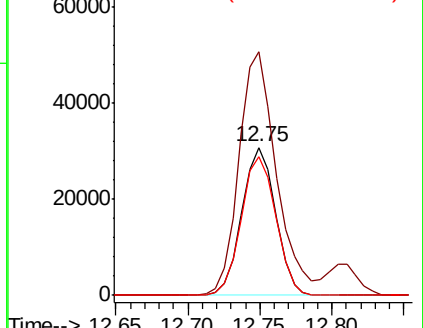
158 96.1 45.6 136.7



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: 51.337 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW007522.D

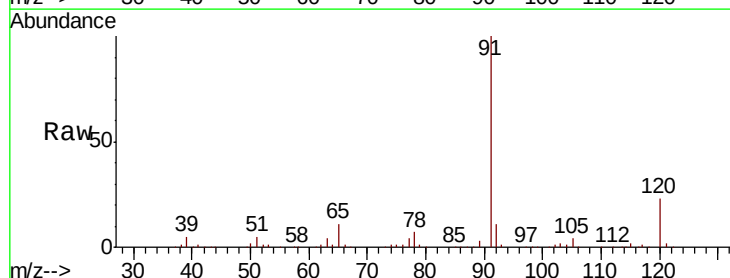
Acq: 14 Dec 2018 08:53

Tgt Ion: 91 Resp: 251076

Ion Ratio Lower Upper

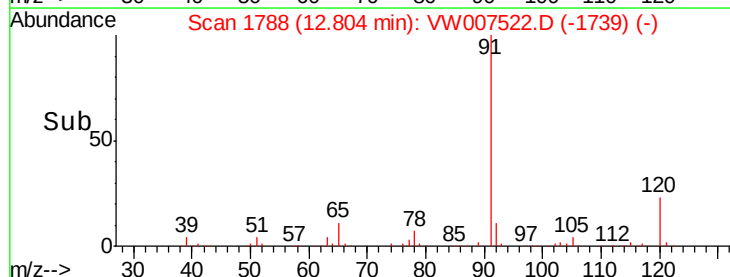
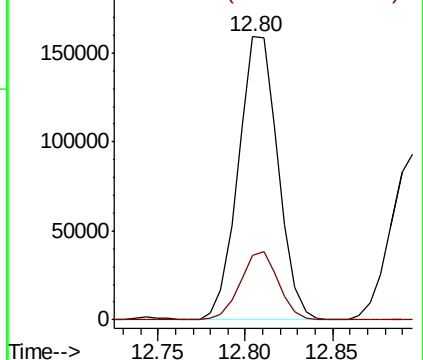
91 100

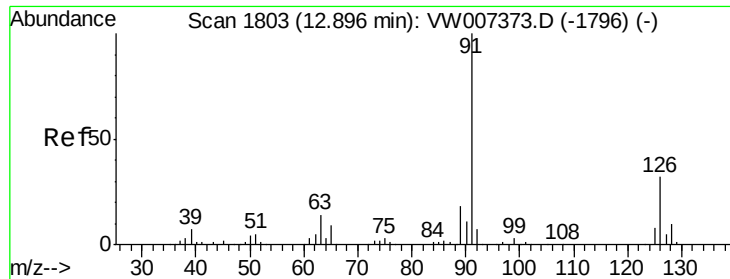
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

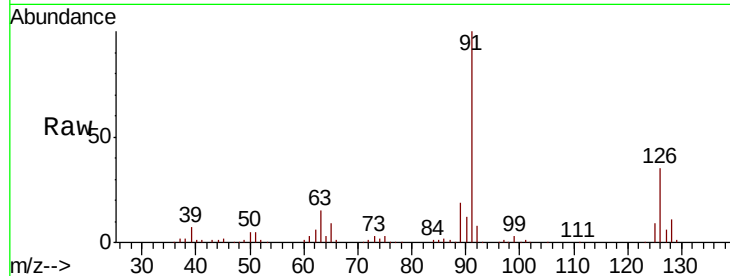




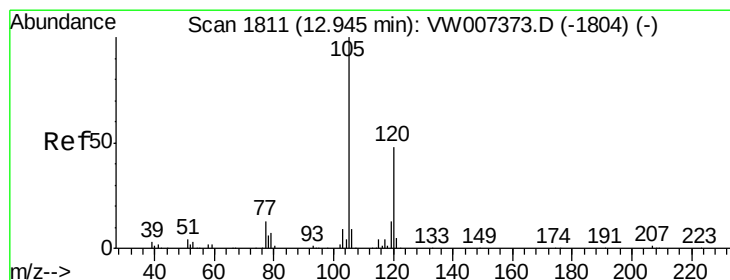
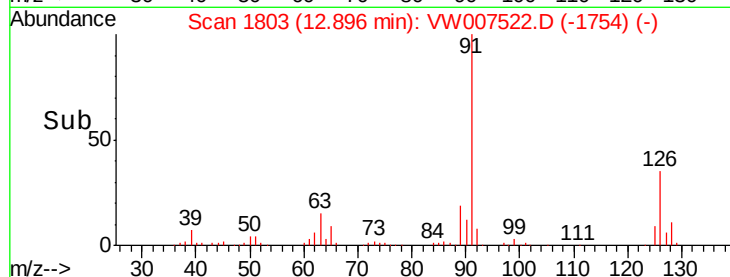
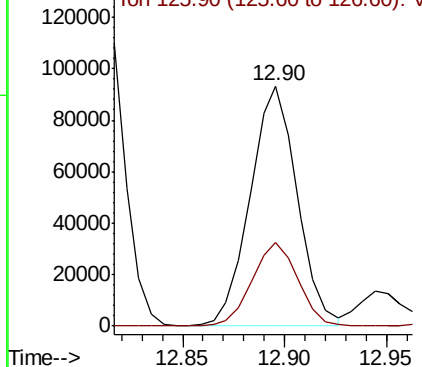
#79
2-Chlorotoluene
Concen: 50.413 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 149184
Ion Ratio Lower Upper
91 100
126 34.3 15.9 47.6

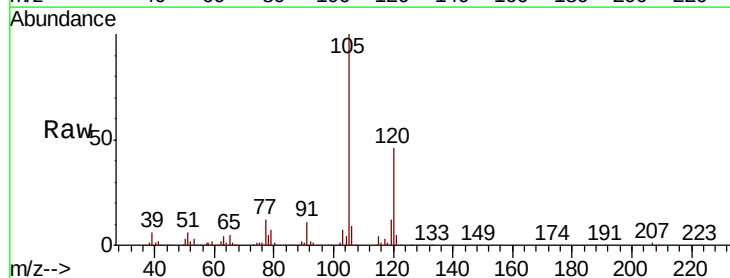


Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 125.90 (125.60 to 126.60): V

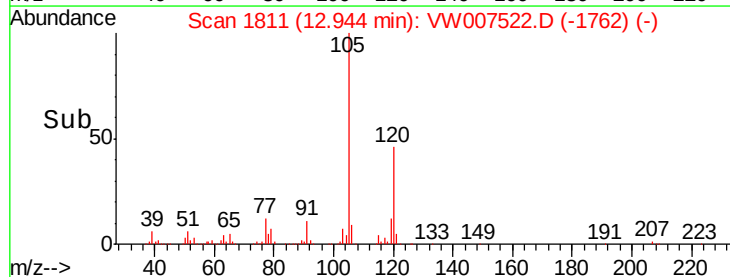
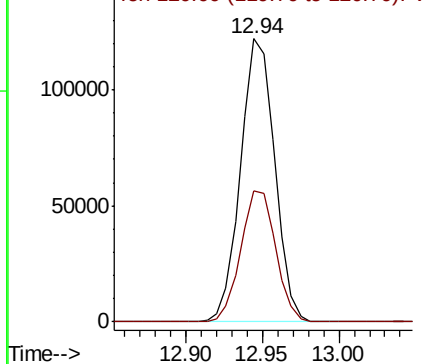


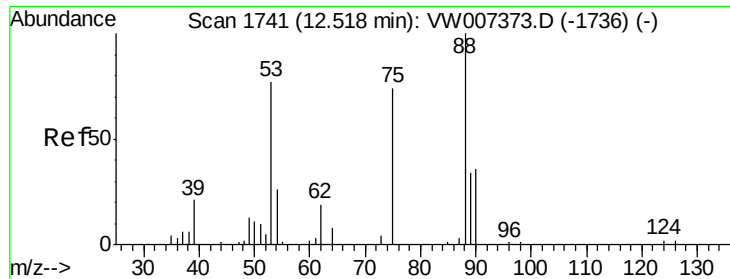
#80
1,3,5-Trimethylbenzene
Concen: 51.854 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Tgt Ion:105 Resp: 189345
Ion Ratio Lower Upper
105 100
120 47.3 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: 50.016 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

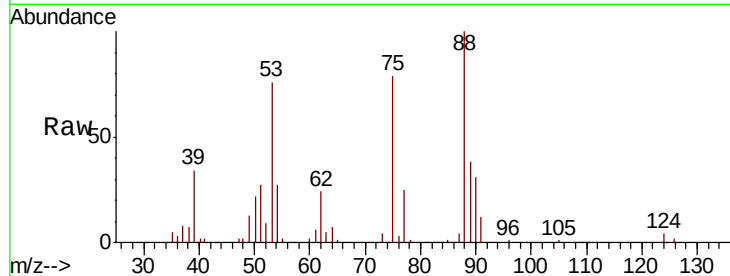
Tot Ion: 75 Resp: 10588

Ion Ratio Lower Upper

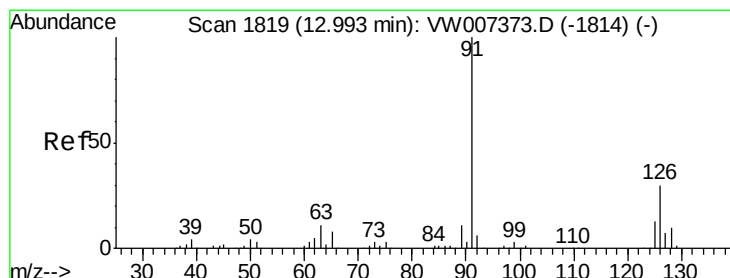
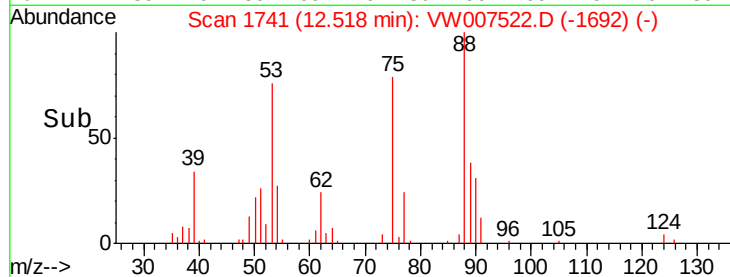
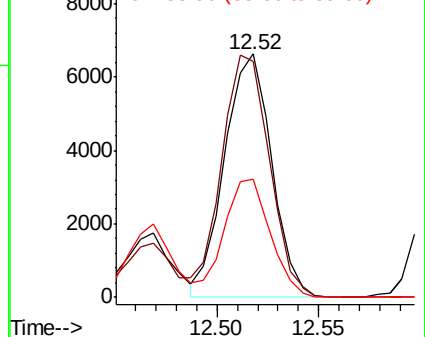
75 100

53 101.3 84.9 127.3

89 47.9 40.3 60.5



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 53.00 (52.70 to 53.70): VW
Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 50.570 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW007522.D

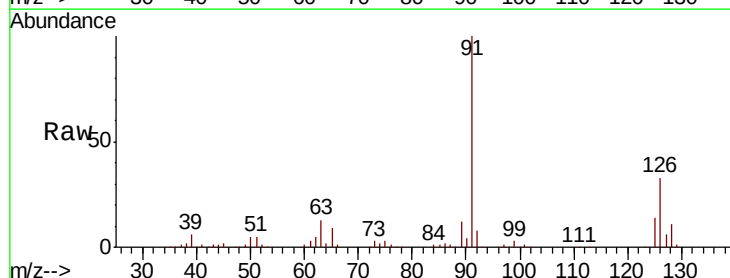
Acq: 14 Dec 2018 08:53

Tgt Ion: 91 Resp: 157748

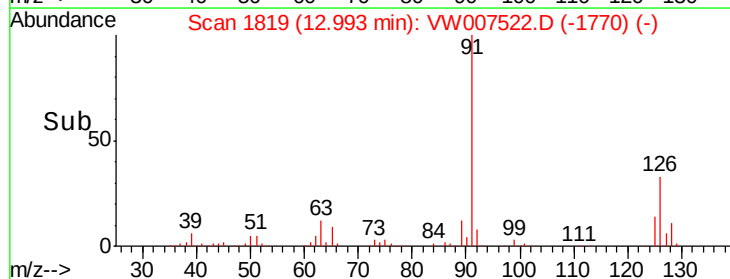
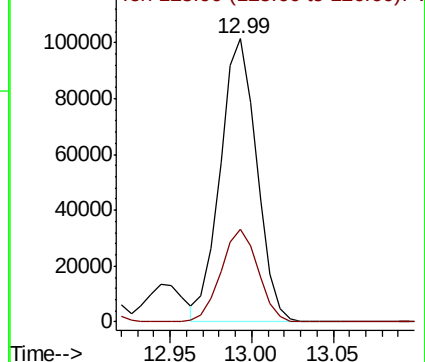
Ion Ratio Lower Upper

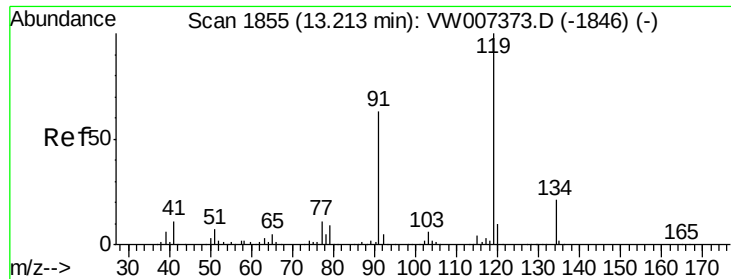
91 100

126 33.3 16.0 48.0



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





#83

tert-Butylbenzene

Concen: 51.325 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

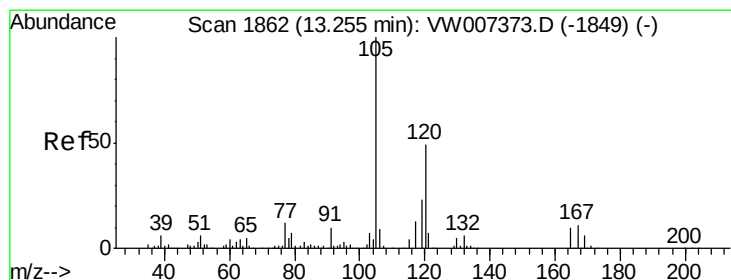
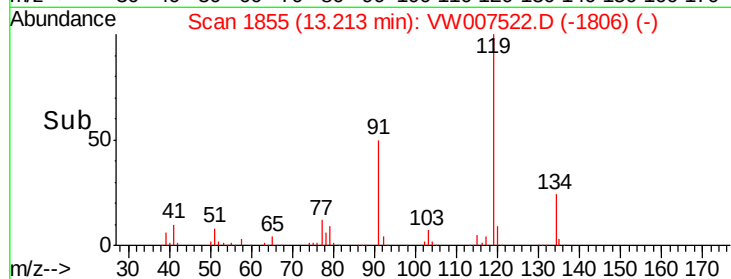
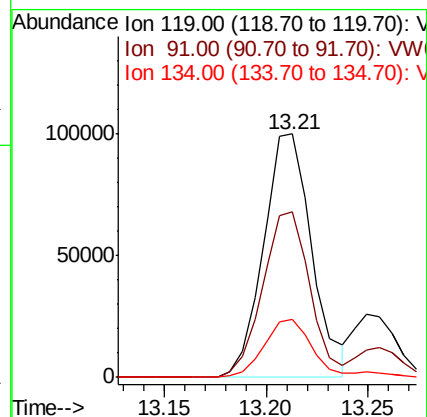
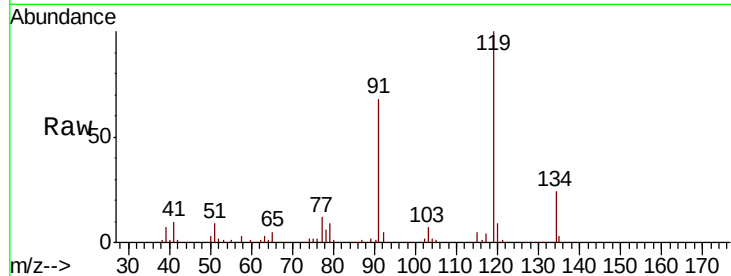
Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:119	Resp:	165137
Ion Ratio	Lower	Upper
119	100	
91	66.8	33.1 99.2
134	24.9	12.5 37.5



#84

1,2,4-Trimethylbenzene

Concen: 51.376 ug/l

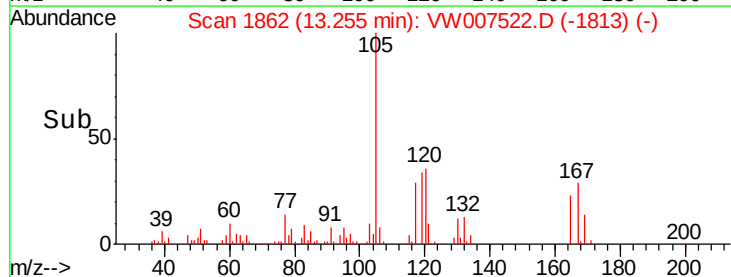
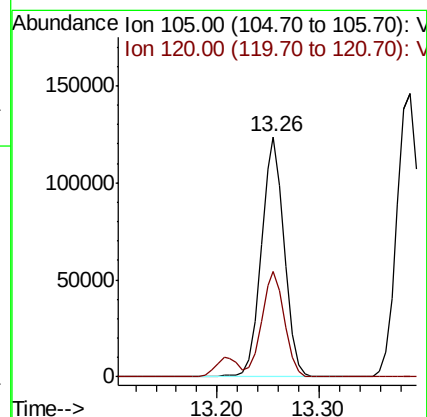
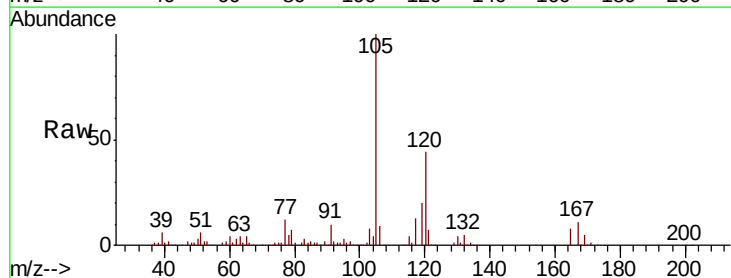
RT: 13.26 min Scan# 1862

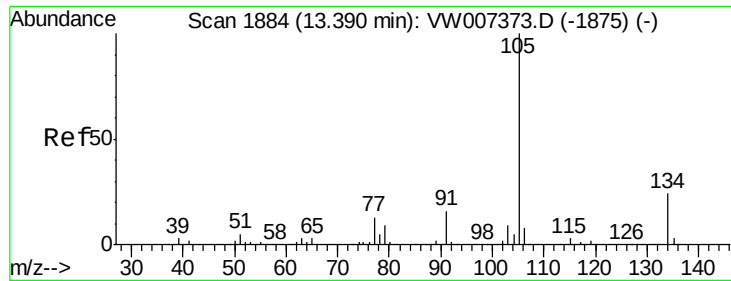
Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Tgt Ion:105	Resp:	193048
Ion Ratio	Lower	Upper
105	100	
120	43.7	22.6 67.7

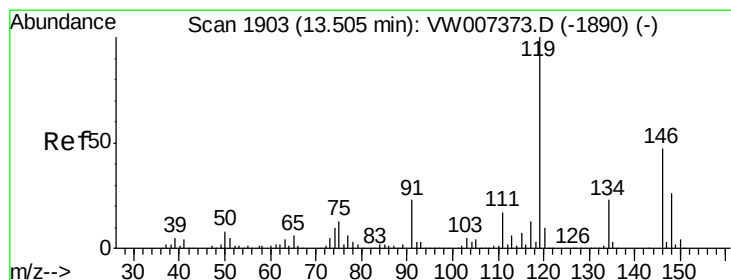
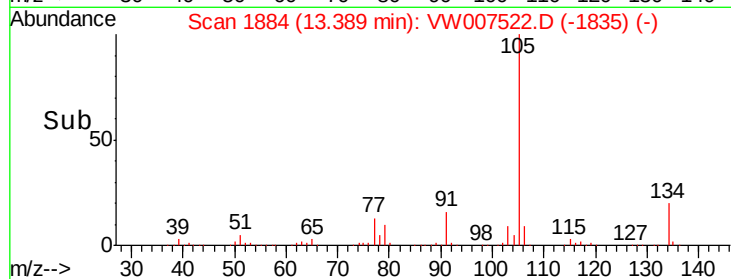
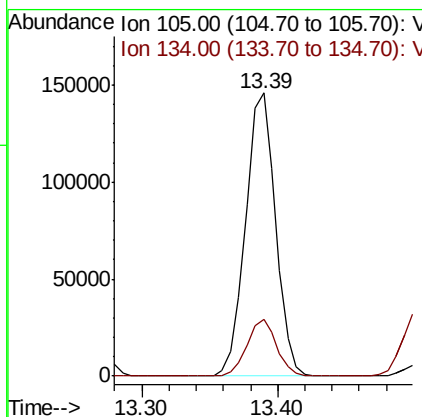
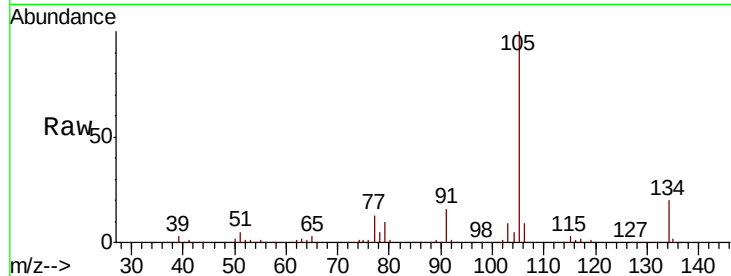




#85
 sec-Butylbenzene
 Concen: 51.189 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

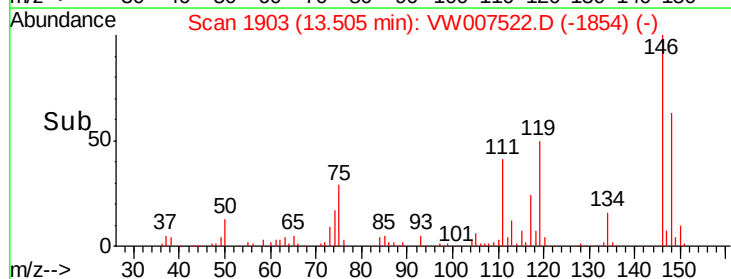
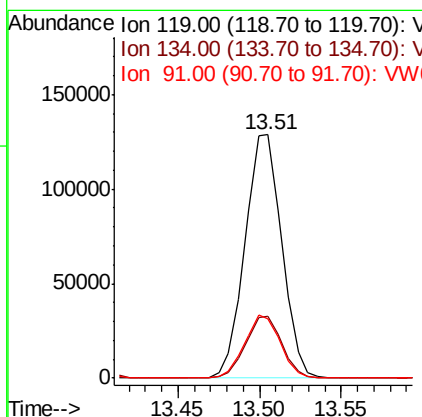
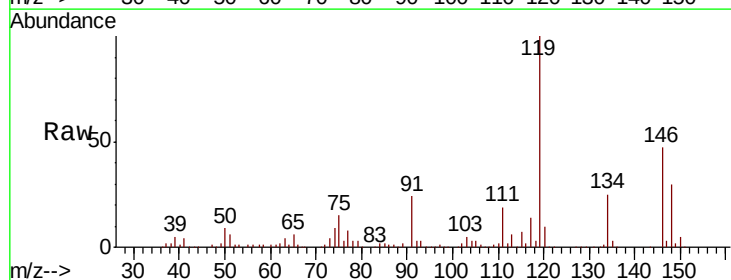
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

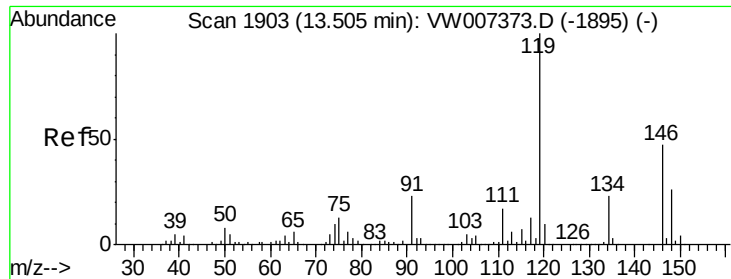
Tot Ion:105 Resp: 224836
 Ion Ratio Lower Upper
 105 100
 134 19.8 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 51.300 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Tgt Ion:119 Resp: 202422
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.9 38.7
 91 25.1 11.9 35.9

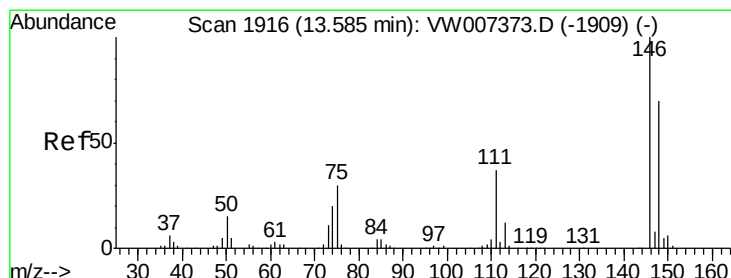
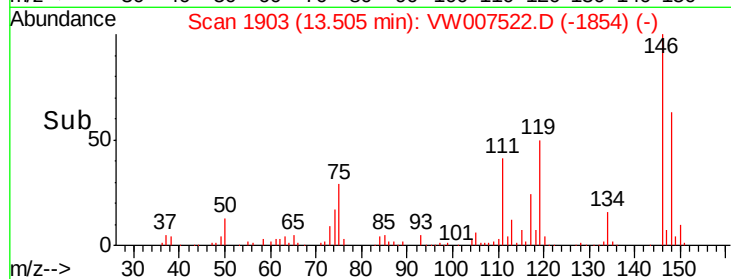
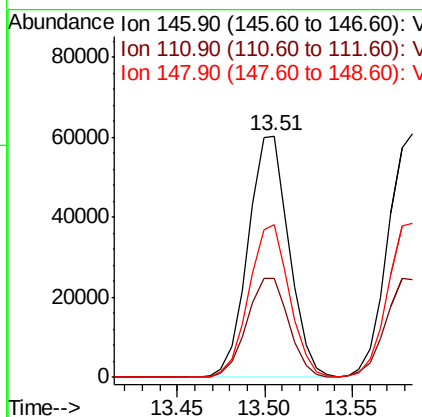
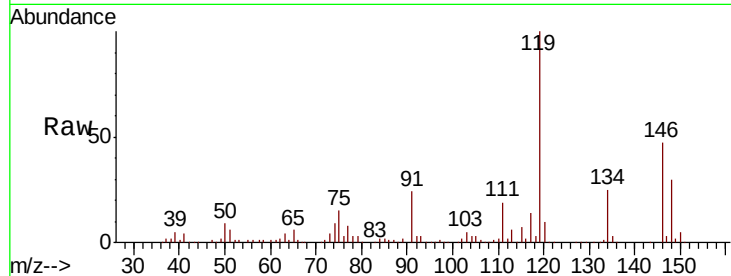




#87
 1,3-Dichlorobenzene
 Concen: 51.481 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

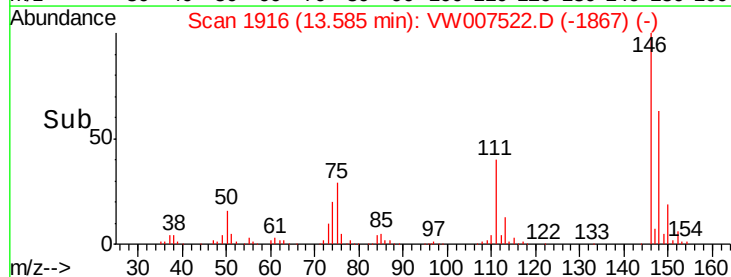
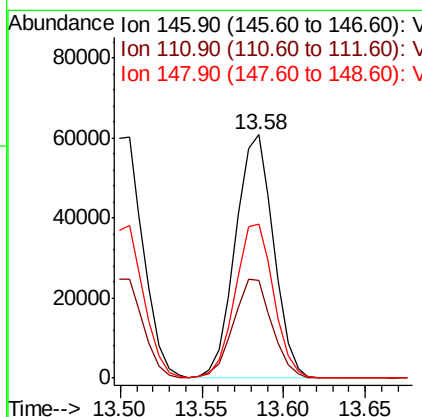
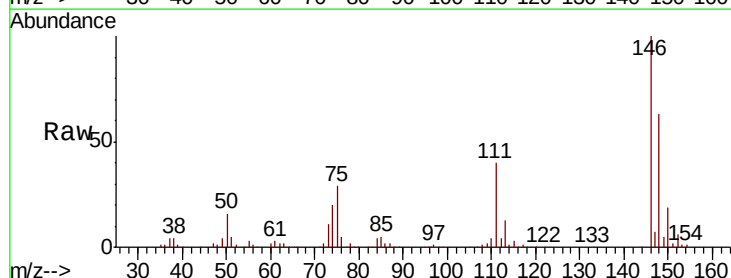
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

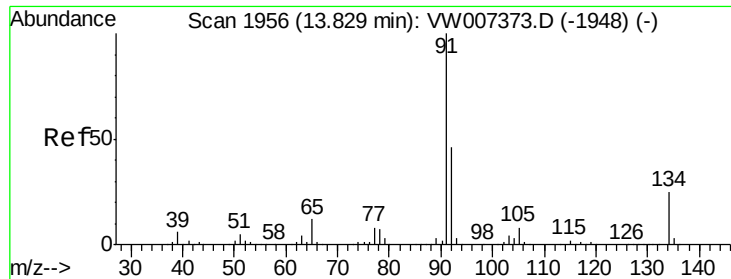
Tot Ion:146 Resp: 98874
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.1 60.3
 148 62.7 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 51.356 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Tgt Ion:146 Resp: 99159
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 61.0
 148 63.5 33.5 100.5





#89

n-Butylbenzene

Concen: 50.197 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

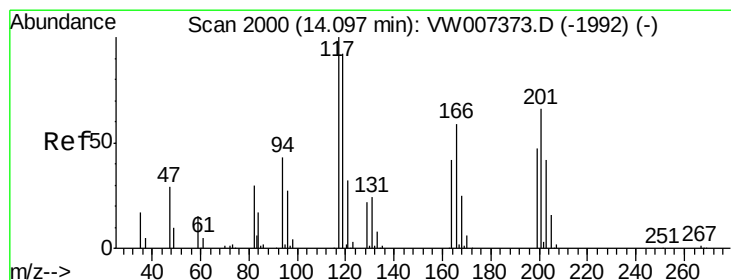
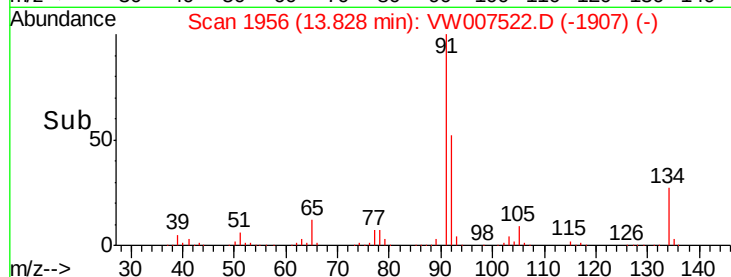
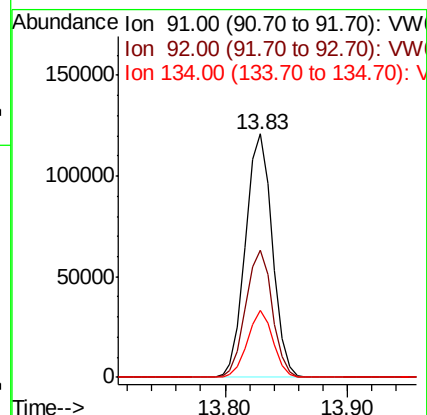
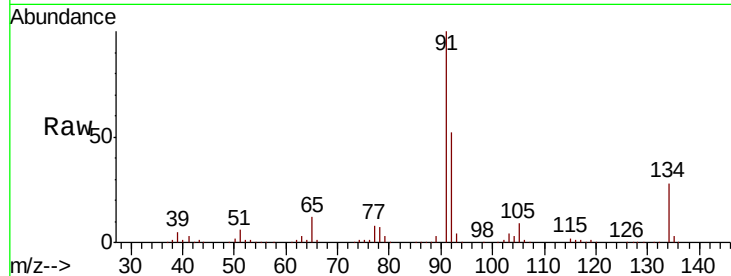
Tot Ion: 91 Resp: 183618

Ion Ratio Lower Upper

91 100

92 51.8 25.7 77.1

134 26.3 13.4 40.2



#90

Hexachloroethane

Concen: 50.381 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007522.D

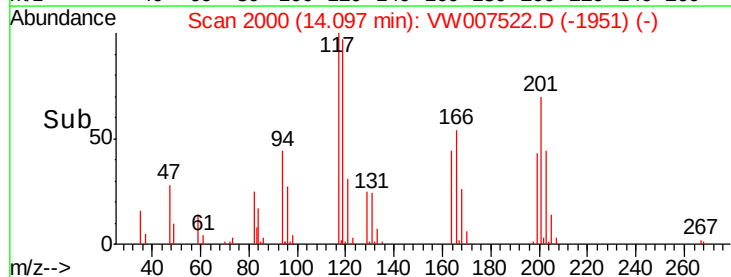
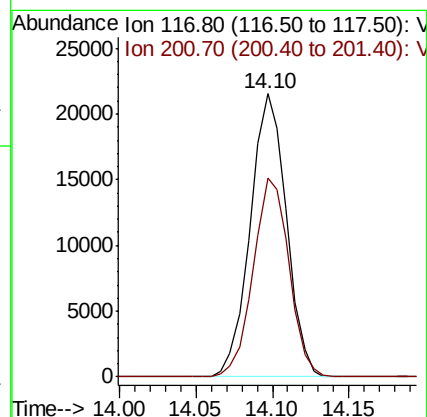
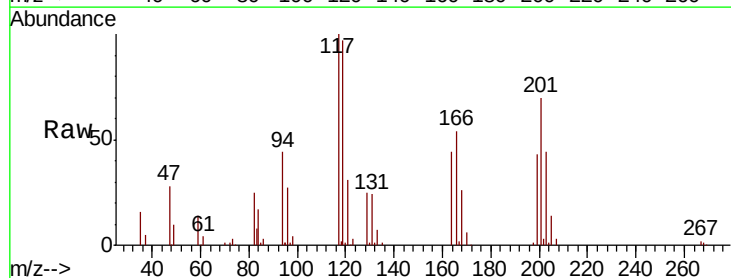
Acq: 14 Dec 2018 08:53

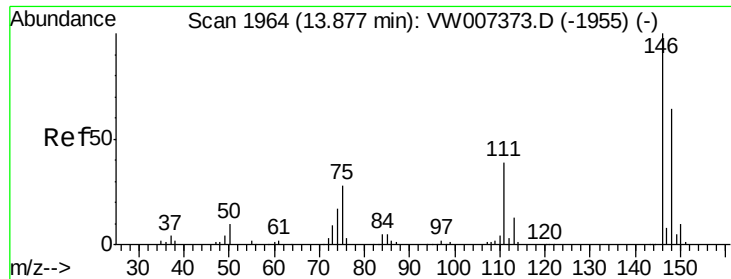
Tgt Ion: 117 Resp: 35372

Ion Ratio Lower Upper

117 100

201 69.8 35.3 105.9

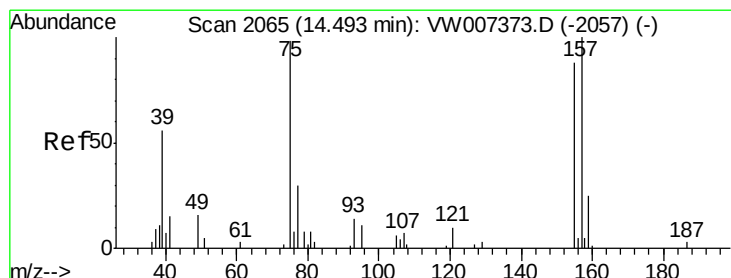
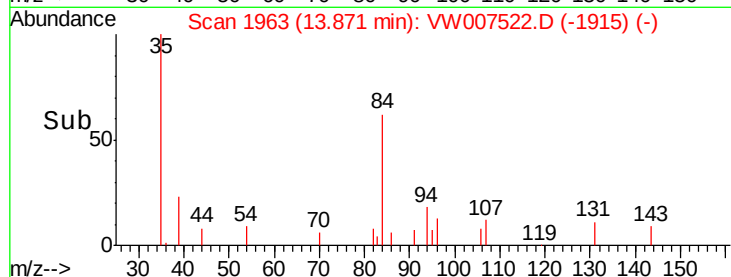
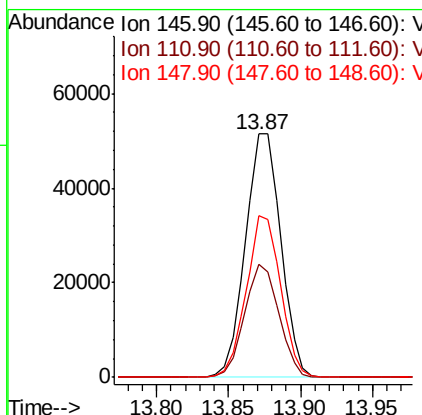
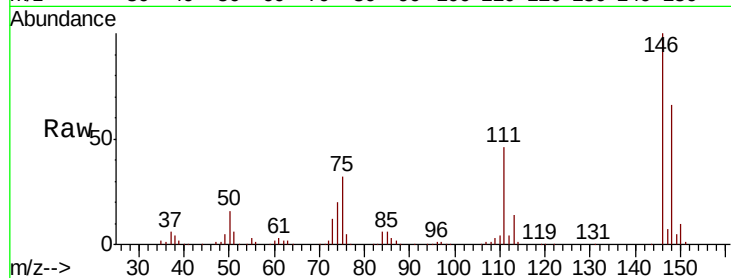




#91
 1,2-Dichlorobenzene
 Concen: 50.892 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

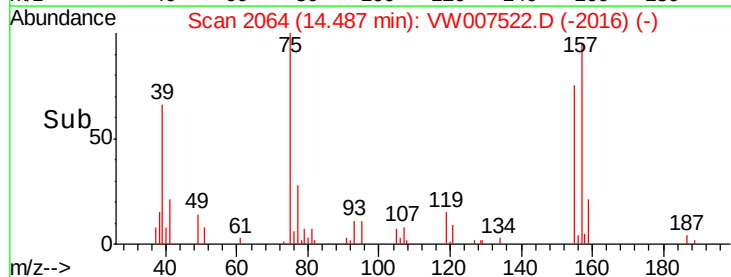
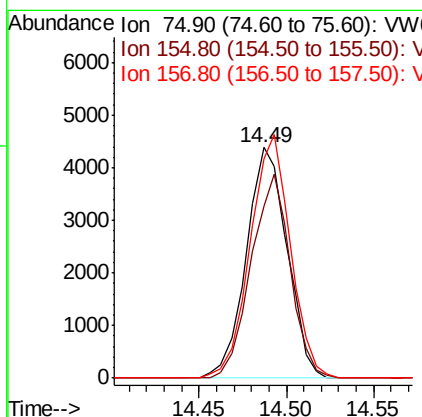
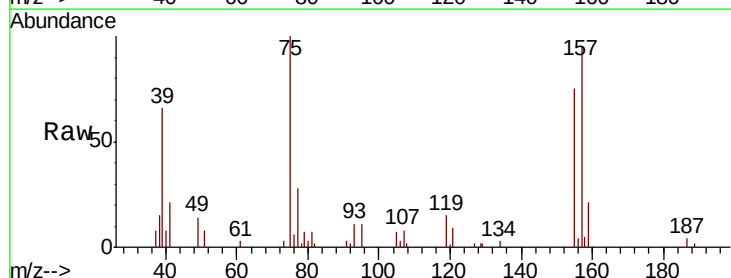
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

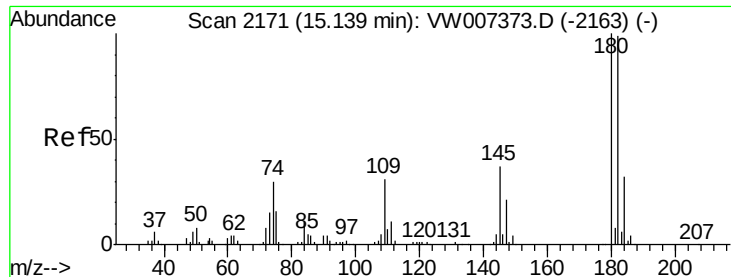
Tot Ion:146 Resp: 87544
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.4 67.2
 148 64.2 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.153 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007522.D
 Acq: 14 Dec 2018 08:53

Tgt Ion: 75 Resp: 7124
 Ion Ratio Lower Upper
 75 100
 155 84.6 40.8 122.2
 157 103.5 51.1 153.4

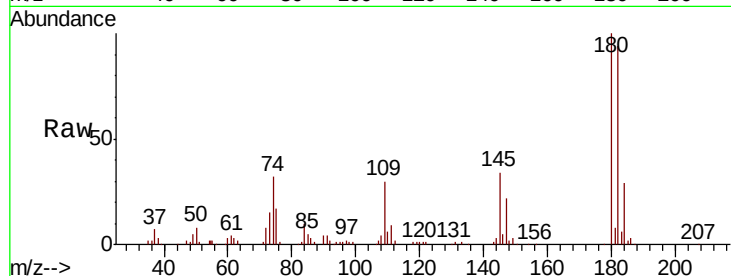




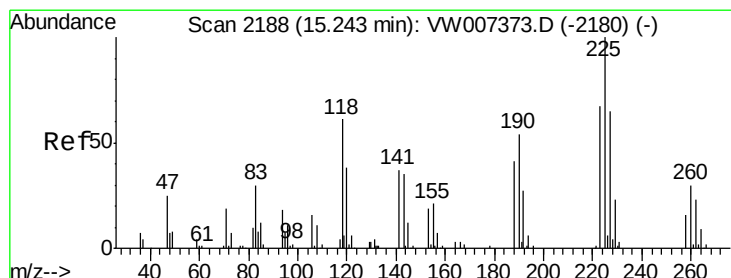
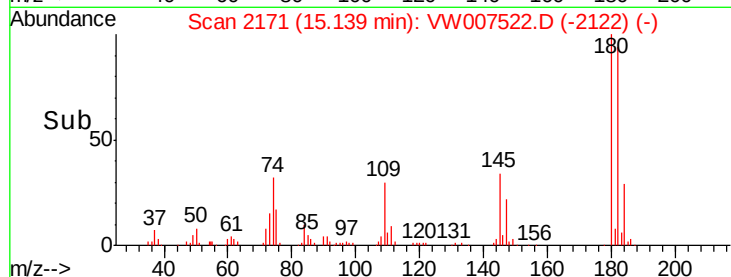
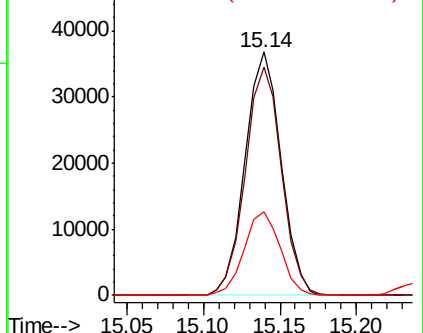
#93
1,2,4-Trichlorobenzene
Concen: 50.882 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	49.9	149.6
145	34.5	17.8	53.4

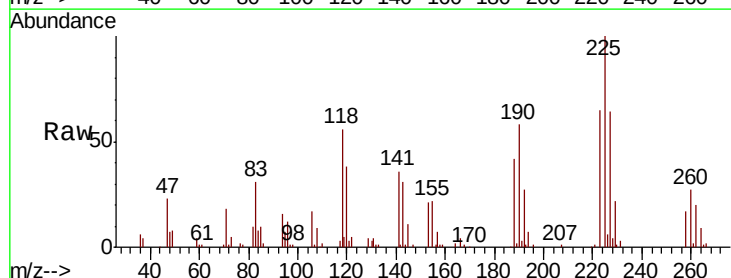


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

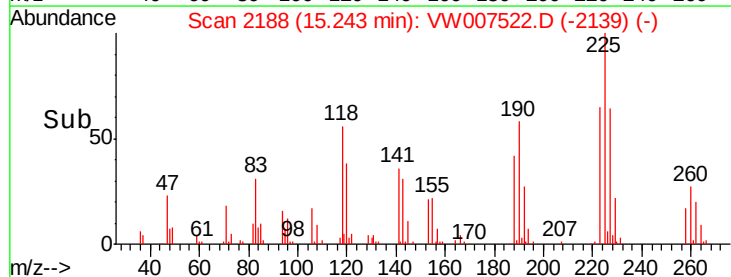
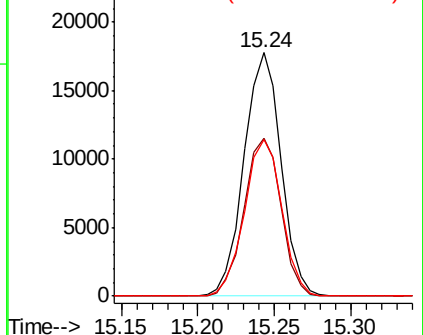


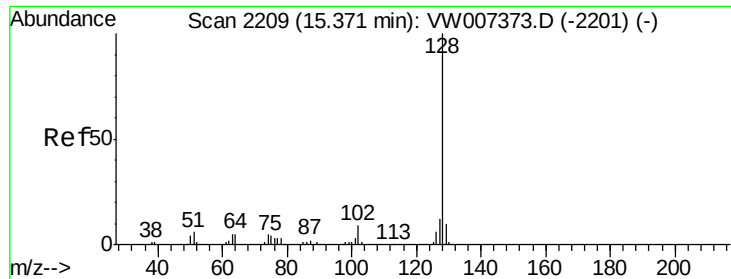
#94
Hexachlorobutadiene
Concen: 47.701 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.1	96.3
227	64.8	31.9	95.9



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

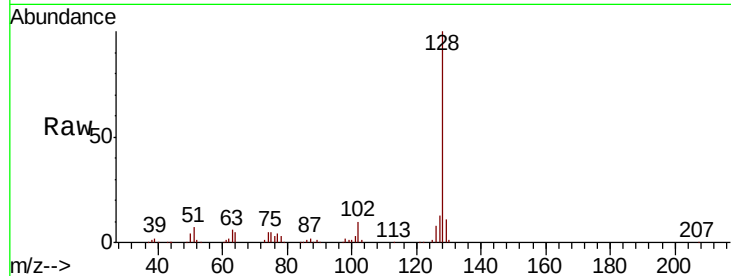




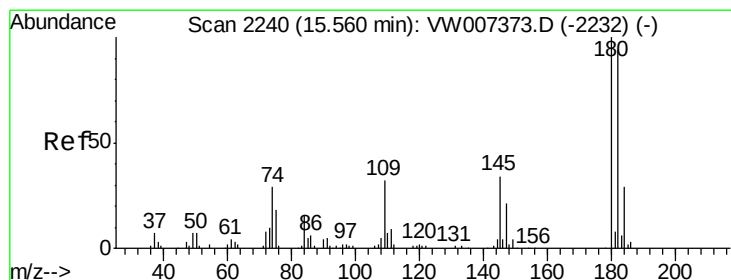
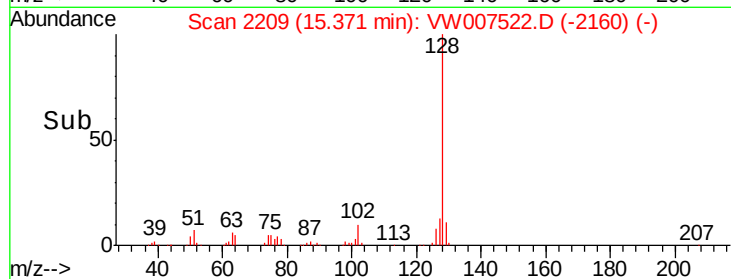
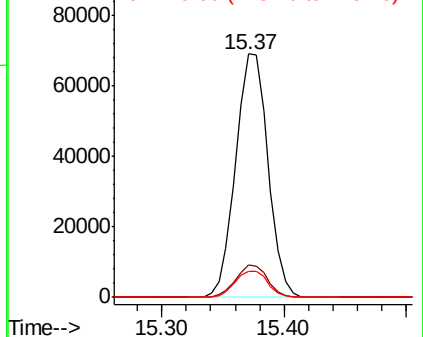
#95
Naphthalene
Concen: 55.730 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 126210
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.2 8.3 12.5

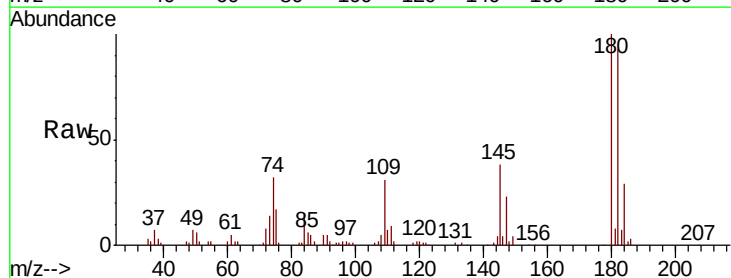


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.079 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW007522.D
Acq: 14 Dec 2018 08:53

Tgt Ion:180 Resp: 53556
Ion Ratio Lower Upper
180 100
182 94.5 45.6 136.7
145 36.6 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

