

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007173.D
 Acq On : 04 Dec 2018 01:18
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Dec 04 03:48:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 03:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	115907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	187094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	174662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89906	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	54734	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	7.88	113	52638	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.32	98	232541	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.62	95	90135	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.00	85	52959	46.816	ug/l	100
3) Chloromethane	2.21	50	79797	75.755	ug/l	100
4) Vinyl Chloride	2.36	62	45583	49.285	ug/l	100
5) Bromomethane	2.76	94	19629	41.581	ug/l	100
6) Chloroethane	2.91	64	26273	51.445	ug/l	100
7) Trichlorofluoromethane	3.26	101	87782	47.908	ug/l	100
8) Diethyl Ether	3.68	74	28619	48.251	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53677	45.298	ug/l	100
10) Methyl Iodide	4.27	142	35513	28.727	ug/l	100
11) Tert butyl alcohol	5.16	59	25170	318.836	ug/l	100
12) 1,1-Dichloroethene	4.04	96	51476	49.172	ug/l	100
13) Acrolein	3.89	56	18793	245.657	ug/l	100
14) Allyl chloride	4.67	41	86413	49.687	ug/l	100
15) Acrylonitrile	5.37	53	60998	271.573	ug/l	100
16) Acetone	4.12	43	52320	305.295	ug/l	100
17) Carbon Disulfide	4.38	76	182768	53.475	ug/l	100
18) Methyl Acetate	4.68	43	29161	49.310	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	133924	49.238	ug/l	100
20) Methylene Chloride	4.92	84	64435	39.616	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	59742	48.866	ug/l	100
22) Diisopropyl ether	6.31	45	165180	49.018	ug/l	100
23) Vinyl Acetate	6.26	43	447401	250.470	ug/l	100
24) 1,1-Dichloroethane	6.22	63	100577	48.923	ug/l	100
25) 2-Butanone	7.17	43	72686	257.508	ug/l	100
26) 2,2-Dichloropropane	7.17	77	85922	46.680	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	66083	50.607	ug/l	100
28) Bromochloromethane	7.51	49	37496	48.955	ug/l	100
29) Tetrahydrofuran	7.53	42	46621	255.467	ug/l	100
30) Chloroform	7.68	83	106167	48.561	ug/l	100
31) Cyclohexane	7.96	56	94629	44.012	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	95657	48.646	ug/l	100
36) 1,1-Dichloropropene	8.09	75	84154	46.700	ug/l	100
37) Ethyl Acetate	7.26	43	32638	49.434	ug/l	100
38) Carbon Tetrachloride	8.07	117	82819	47.744	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	107070	47.432	ug/l	100
40) Benzene	8.32	78	242417	49.510	ug/l	100
41) Methacrylonitrile	7.48	41	21437	51.786	ug/l	100
42) 1,2-Dichloroethane	8.40	62	67074	47.224	ug/l	100
43) Isopropyl Acetate	8.43	43	65870	52.067	ug/l	100
44) Trichloroethene	9.09	130	67317	49.015	ug/l	100
45) 1,2-Dichloropropane	9.37	63	57022	47.505	ug/l	100
46) Dibromomethane	9.46	93	30622	50.294	ug/l	100
47) Bromodichloromethane	9.65	83	77252	48.409	ug/l	100
48) Methyl methacrylate	9.44	41	31772	52.273	ug/l	100
49) 1,4-Dioxane	9.45	88	11128	1200.791	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	163438	257.099	ug/l	100
52) Toluene	10.39	92	170734	51.240	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	78786	50.835	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	91412	49.226	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	43142	48.448	ug/l	100
56) Ethyl methacrylate	10.65	69	59076	56.327	ug/l	100
57) 1,3-Dichloropropane	10.93	76	73975	49.549	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	112552	212.084	ug/l	100
59) 2-Hexanone	10.97	43	116687	268.865	ug/l	100
60) Dibromochloromethane	11.13	129	53228	52.060	ug/l	100
61) 1,2-Dibromoethane	11.24	107	43250	52.589	ug/l	100
64) Tetrachloroethene	10.87	164	61724	54.441	ug/l	100
65) Chlorobenzene	11.66	112	189418	52.146	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	59381	53.330	ug/l	100
67) Ethyl Benzene	11.73	91	336604	50.537	ug/l	100
68) m/p-Xylenes	11.84	106	266868	102.051	ug/l	100
69) o-Xylene	12.17	106	125979	51.122	ug/l	100
70) Styrene	12.18	104	206392	52.452	ug/l	100
71) Bromoform	12.35	173	29731	56.144	ug/l	# 100
73) Isopropylbenzene	12.47	105	338666	49.046	ug/l	100
74) N-amyl acetate	12.27	43	66294	56.241	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	48239	51.787	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	66417	91.128	ug/l	28
77) Bromobenzene	12.75	156	73112	49.171	ug/l	100
78) n-propylbenzene	12.81	91	401068	48.066	ug/l	100
79) 2-Chlorotoluene	12.90	91	232901	48.321	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	293215	49.110	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	15660	55.160	ug/l	100
82) 4-Chlorotoluene	12.99	91	244993	48.496	ug/l	100
83) tert-Butylbenzene	13.21	119	253850	49.028	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	295923	49.685	ug/l	100
85) sec-Butylbenzene	13.39	105	354243	48.584	ug/l	100
86) p-Isopropyltoluene	13.51	119	316102	49.081	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	149091	49.238	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	151641	49.957	ug/l	100
89) n-Butylbenzene	13.83	91	298820	49.391	ug/l	100
90) Hexachloroethane	14.10	117	48574	51.019	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	134067	50.347	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9148	57.134	ug/l	100

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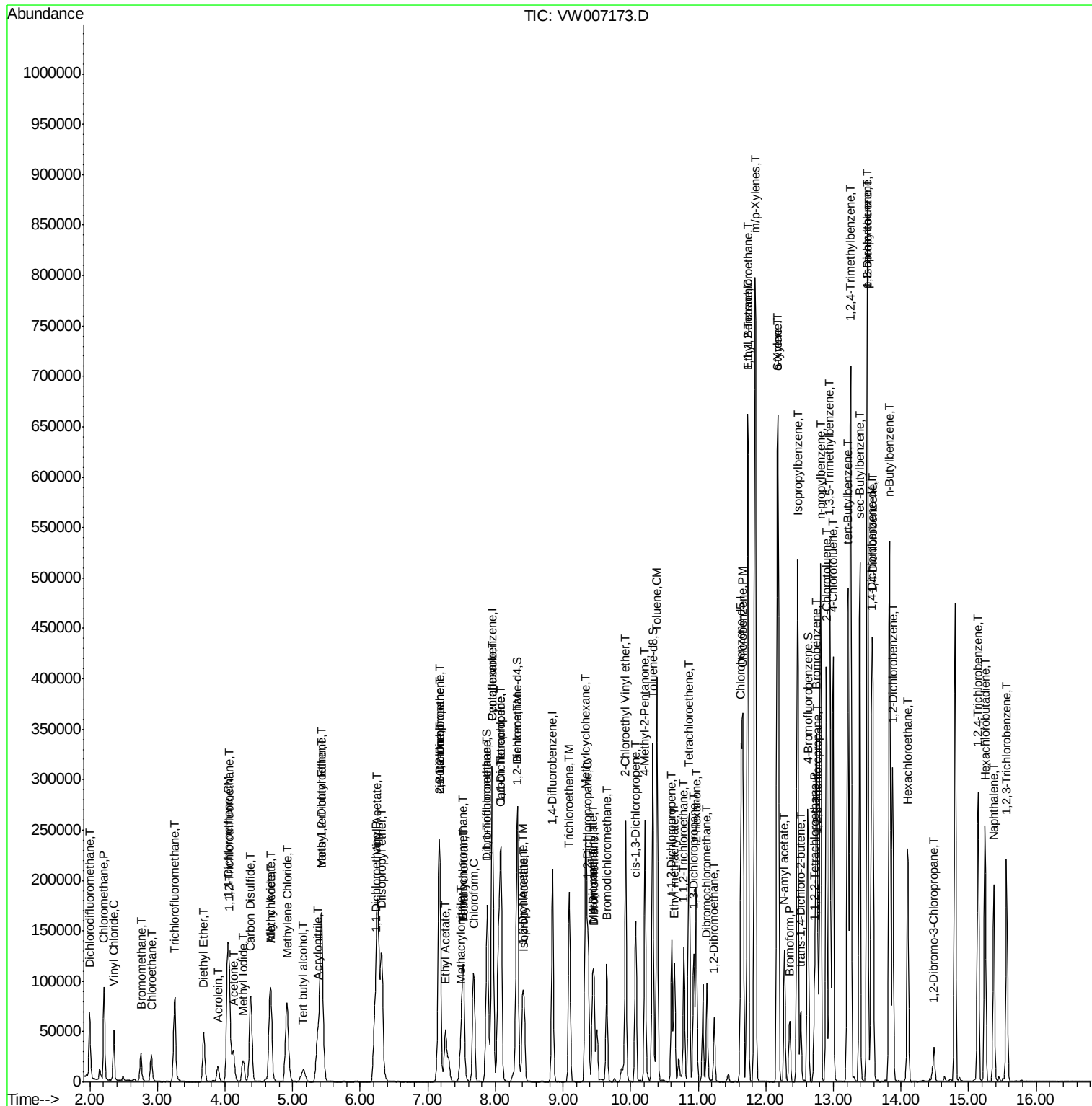
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	92530	52.323	ug/l	100
94) Hexachlorobutadiene	15.24	225	45912	48.417	ug/l	100
95) Naphthalene	15.37	128	173529	53.856	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	77111	52.573	ug/l	100

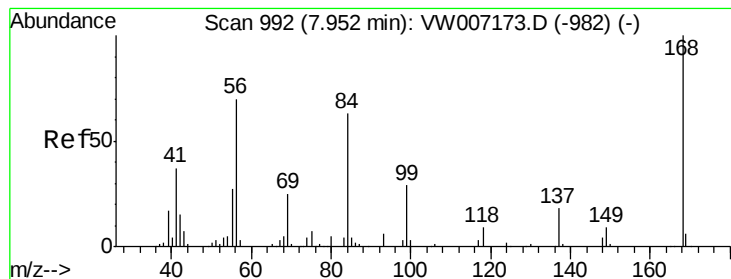
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

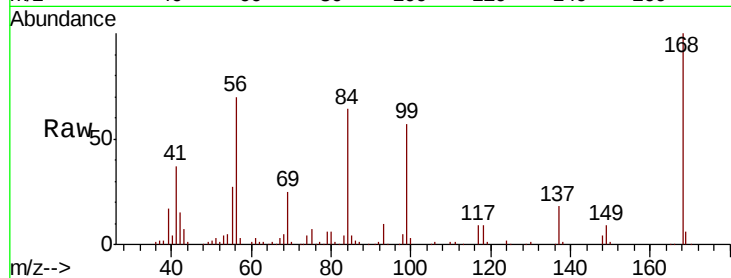
VSTDICCC050

Tgt Ion:168 Resp: 115907

Ion Ratio Lower Upper

168 100

99 56.6 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

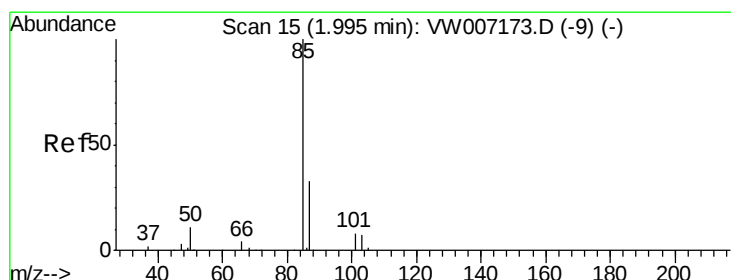
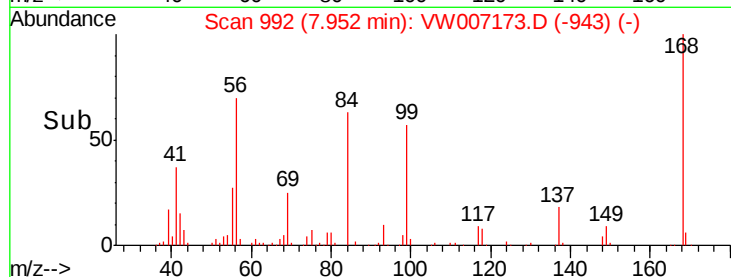
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.816 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW007173.D

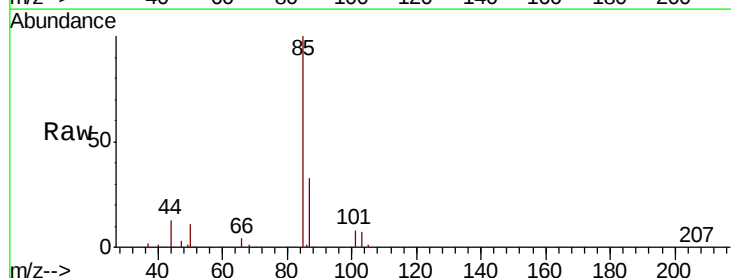
Acq: 04 Dec 2018 01:18

Tgt Ion: 85 Resp: 52959

Ion Ratio Lower Upper

85 100

87 33.1 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

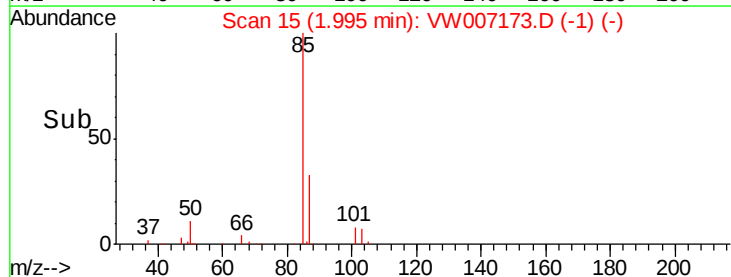
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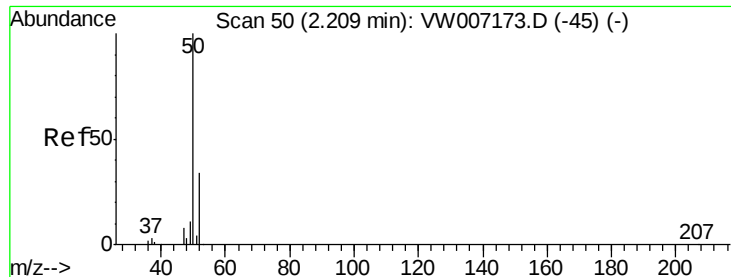
20000

10000

0

Time-->





#3

Chloromethane

Concen: 75.755 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

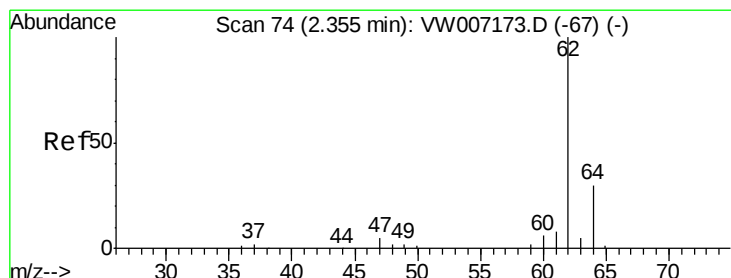
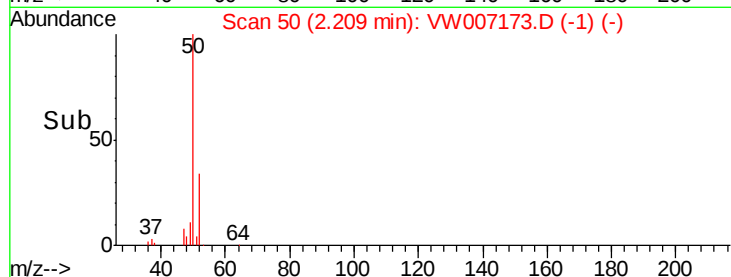
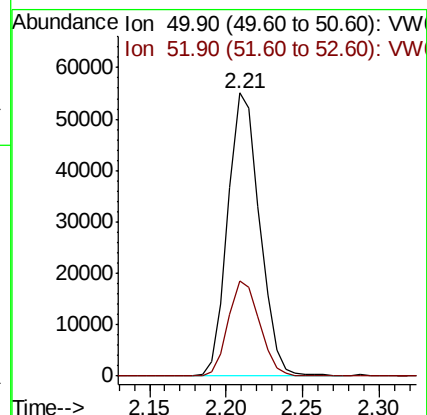
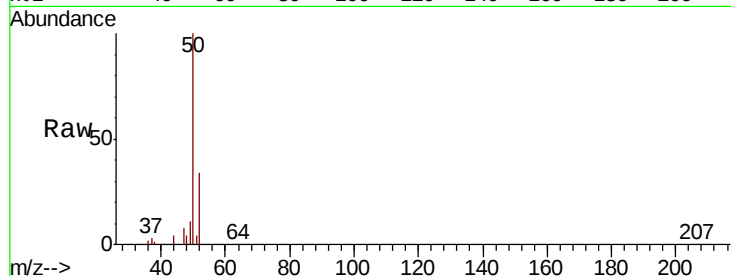
VSTDICCC050

Tgt Ion: 50 Resp: 79797

Ion Ratio Lower Upper

50 100

52 33.6 26.9 40.3



#4

Vinyl Chloride

Concen: 49.285 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW007173.D

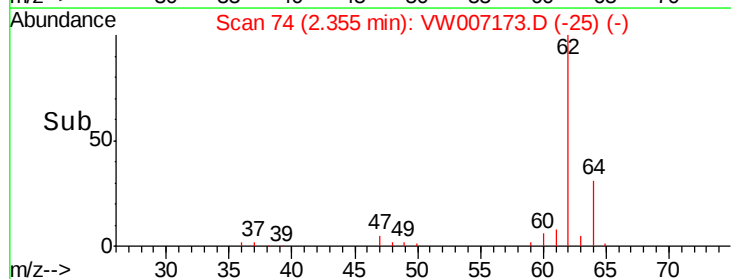
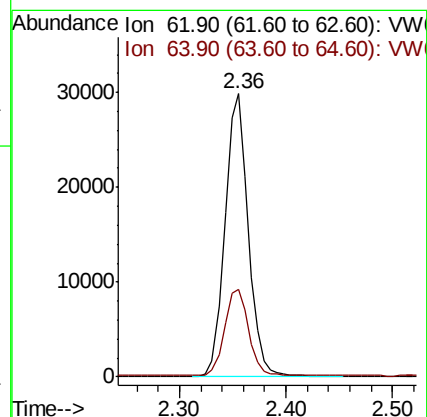
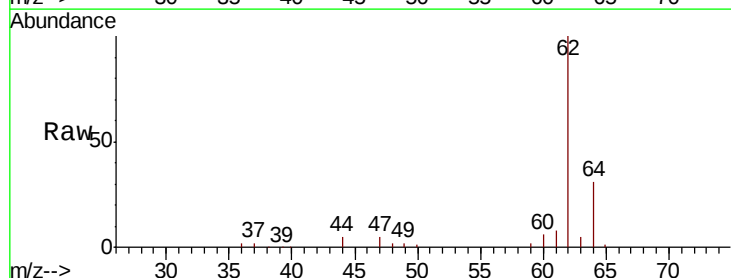
Acq: 04 Dec 2018 01:18

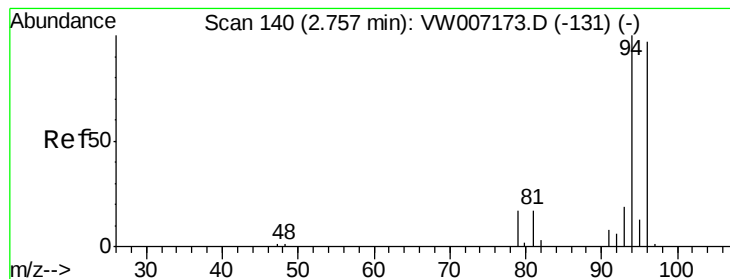
Tgt Ion: 62 Resp: 45583

Ion Ratio Lower Upper

62 100

64 30.4 24.3 36.5





#5

Bromomethane

Concen: 41.581 ug/l

RT: 2.76 min Scan# 140

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

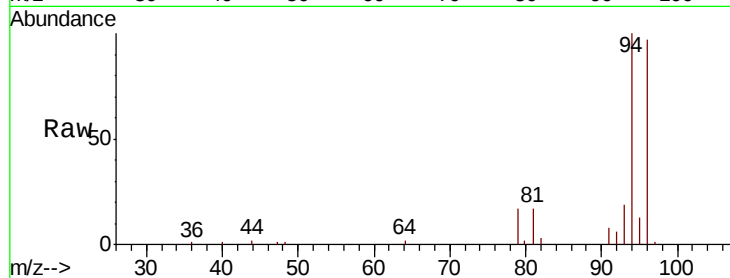
VSTDICCC050

Tgt Ion: 94 Resp: 19629

Ion Ratio Lower Upper

94 100

96 96.8 77.4 116.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

10000

8000

6000

4000

2000

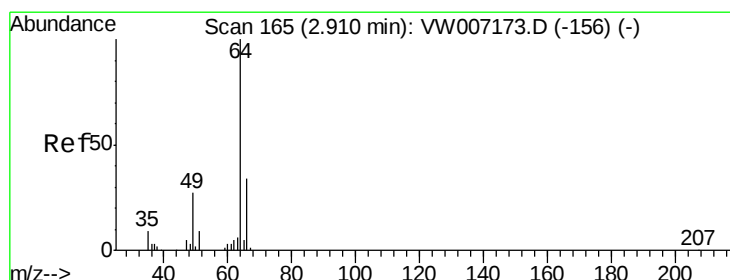
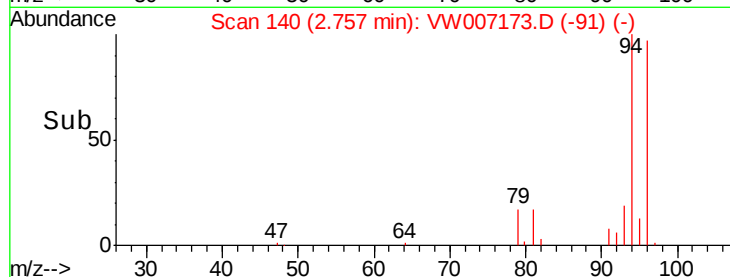
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Time-->

2.70

2.80

2.90



#6

Chloroethane

Concen: 51.445 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW007173.D

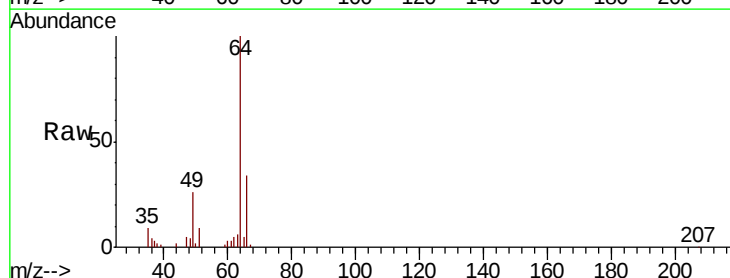
Acq: 04 Dec 2018 01:18

Tgt Ion: 64 Resp: 26273

Ion Ratio Lower Upper

64 100

66 33.9 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.91

10000

5000

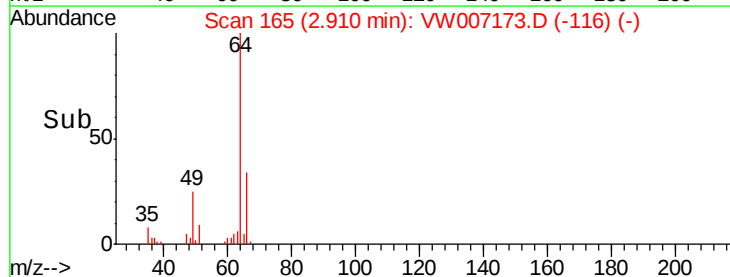
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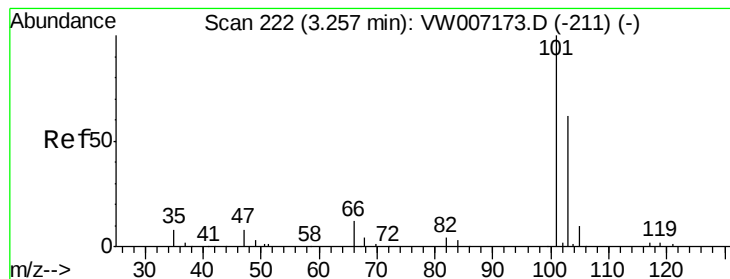
Time-->

2.80

2.90

3.00



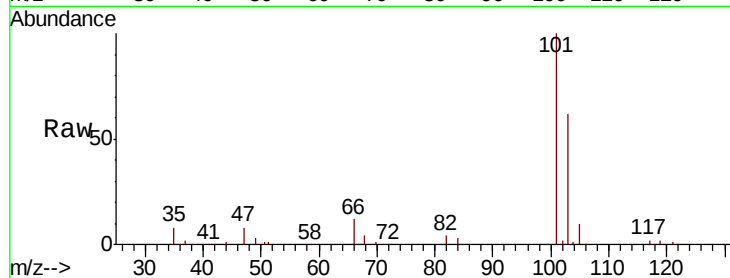


#7

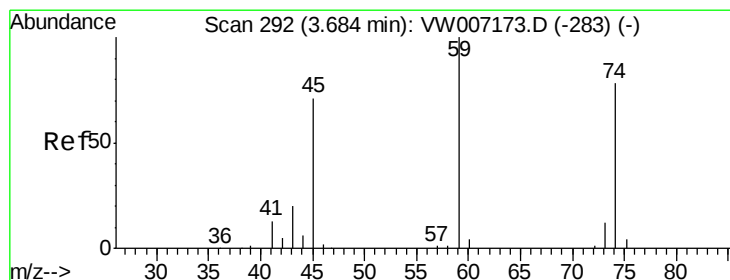
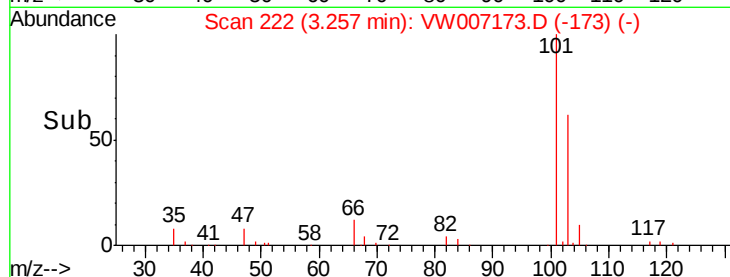
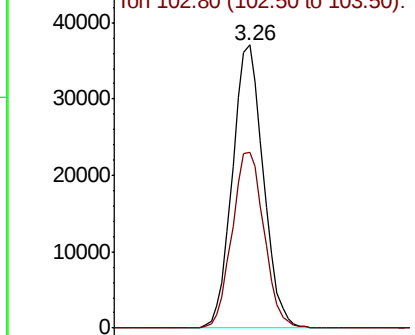
Trichlorofluoromethane
 Concen: 47.908 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Instrument :
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Tgt Ion: 101 Resp: 87782
 Ion Ratio Lower Upper
 101 100
 103 62.0 49.6 74.4



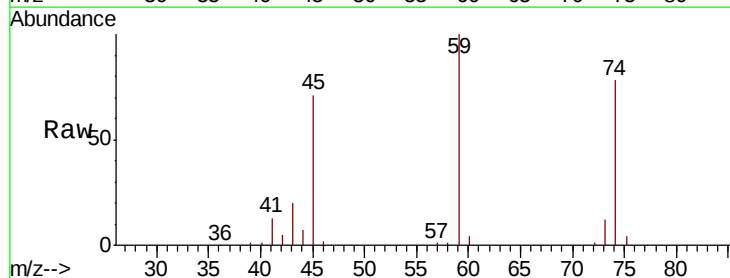
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



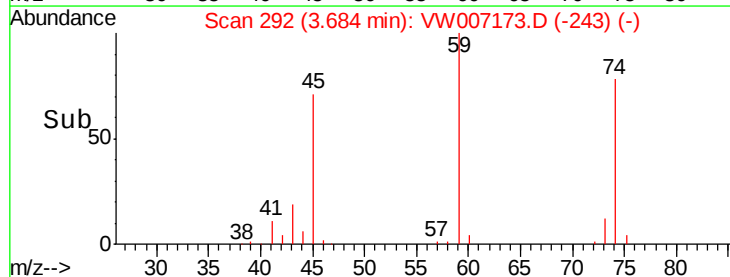
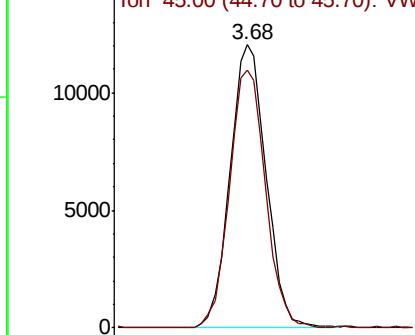
#8

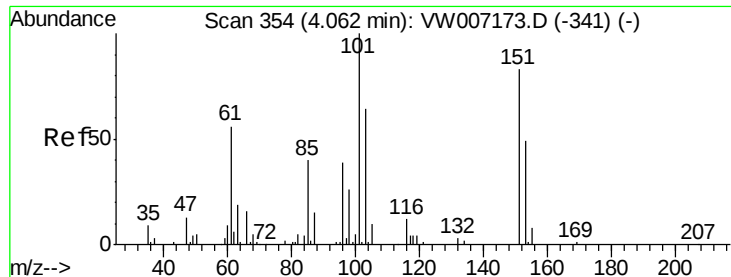
Diethyl Ether
 Concen: 48.251 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion: 74 Resp: 28619
 Ion Ratio Lower Upper
 74 100
 45 91.1 45.6 136.7



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: 45.298 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

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VSTDICCC050

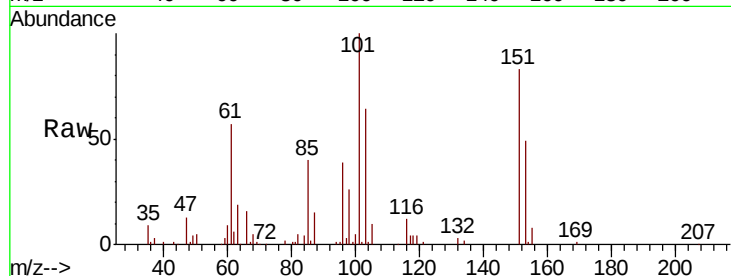
Tgt Ion:101 Resp: 53677

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.2

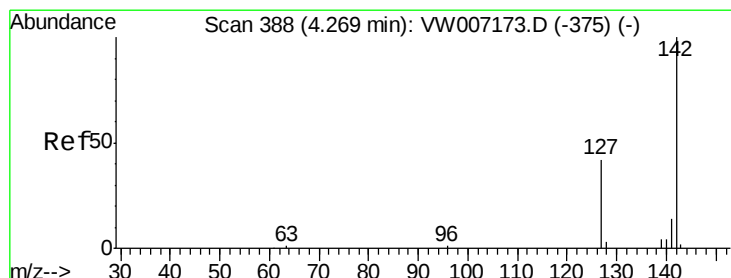
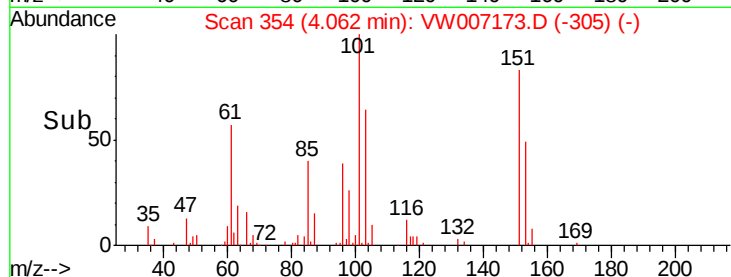
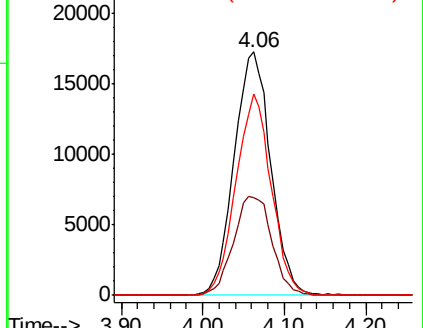
151 79.7 63.8 95.6



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: 28.727 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

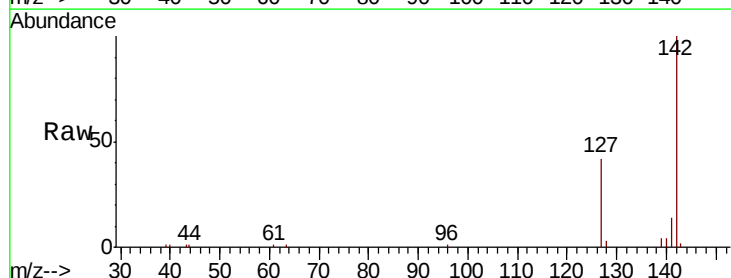
Tgt Ion:142 Resp: 35513

Ion Ratio Lower Upper

142 100

127 42.3 33.8 50.8

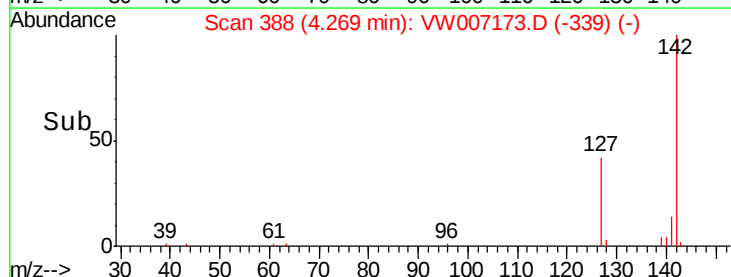
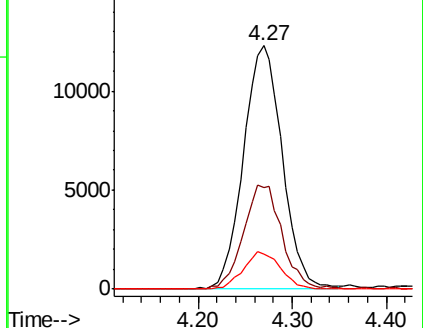
141 14.6 11.7 17.5

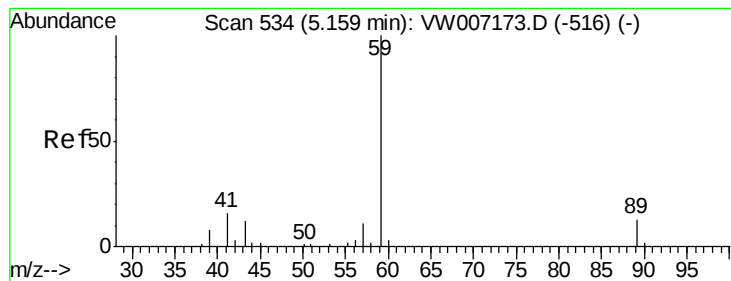


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



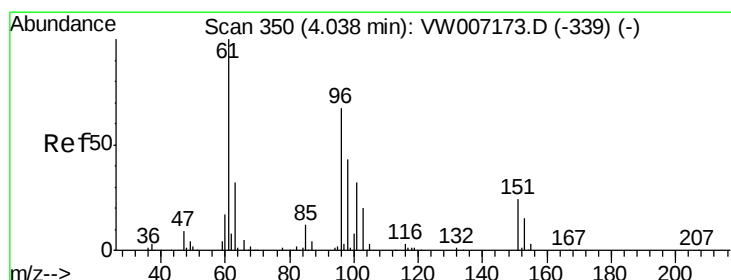
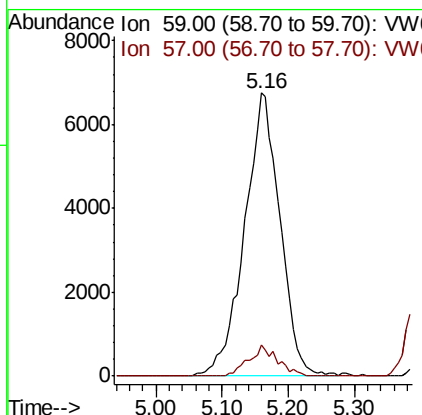
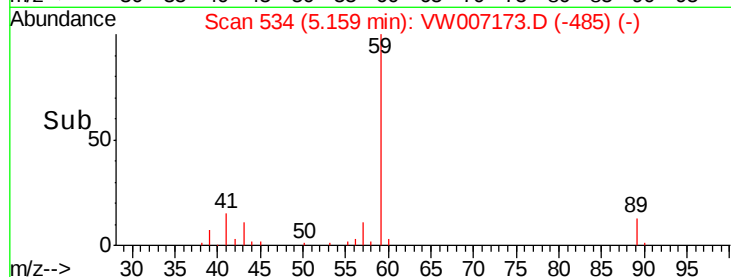
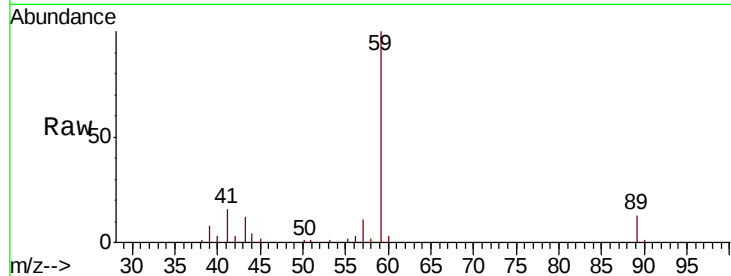


#11

Tert butyl alcohol
 Concen: 318.836 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

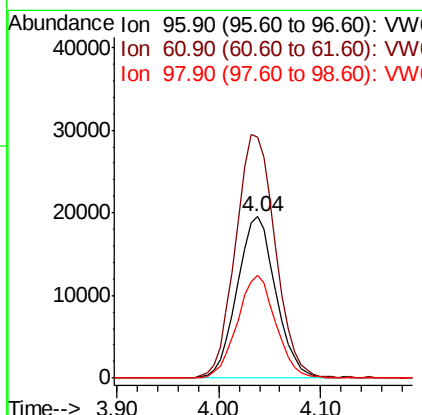
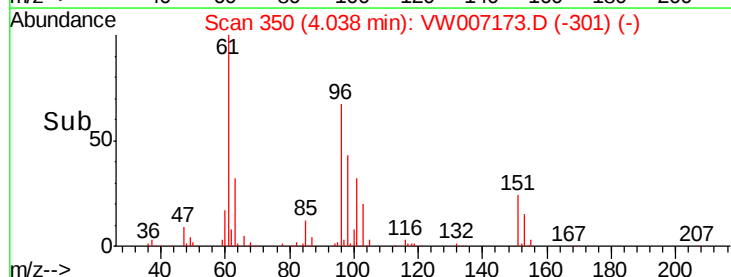
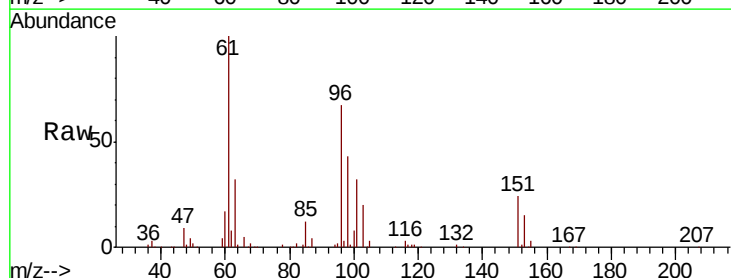
Tgt Ion: 59 Resp: 25170
 Ion Ratio Lower Upper
 59 100
 57 8.7 7.0 10.4

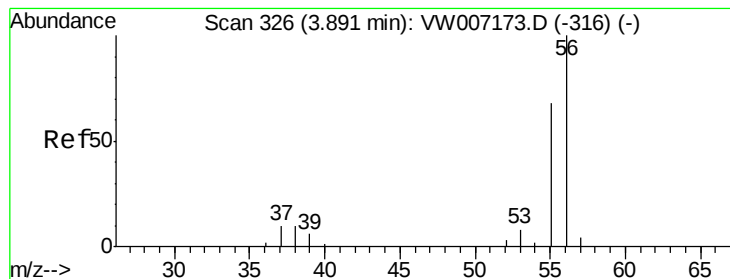


#12

1,1-Dichloroethene
 Concen: 49.172 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion: 96 Resp: 51476
 Ion Ratio Lower Upper
 96 100
 61 149.3 119.4 179.2
 98 63.8 51.0 76.6





#13

Acrolein

Concen: 245.657 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

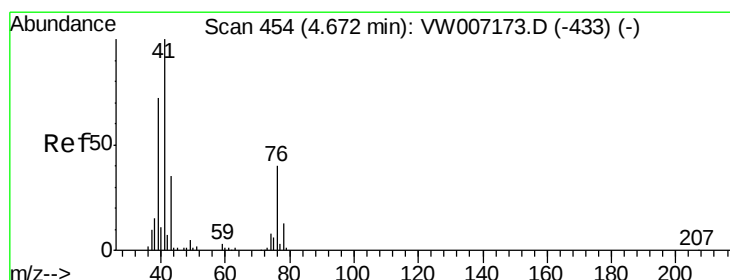
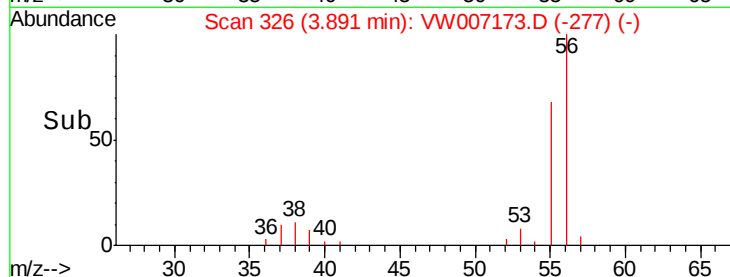
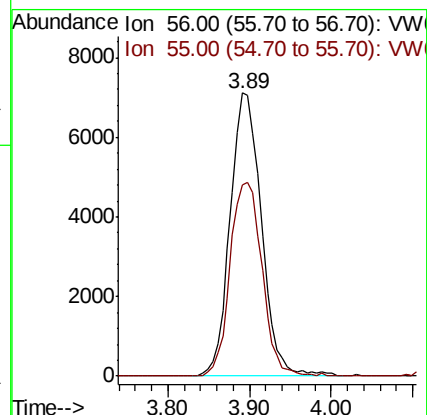
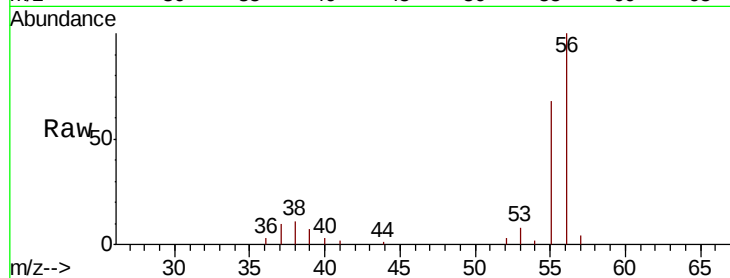
VSTDICCC050

Tgt Ion: 56 Resp: 18793

Ion Ratio Lower Upper

56 100

55 69.7 55.8 83.6



#14

Allyl chloride

Concen: 49.687 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

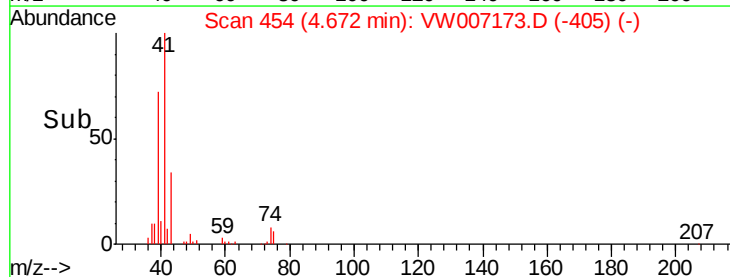
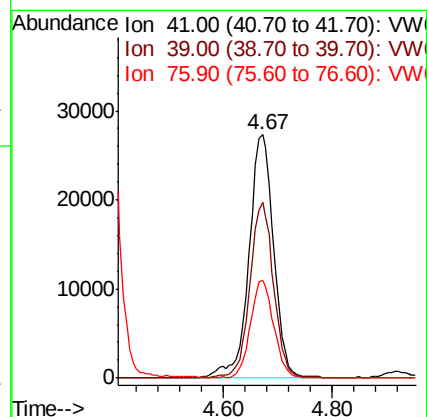
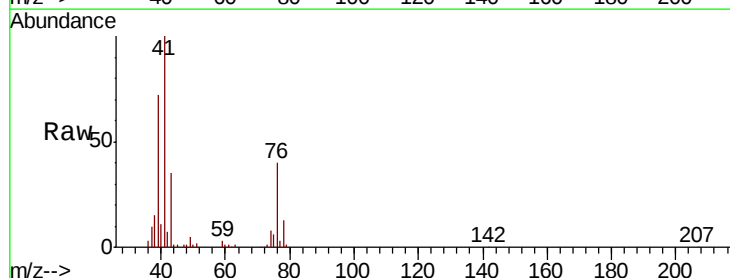
Tgt Ion: 41 Resp: 86413

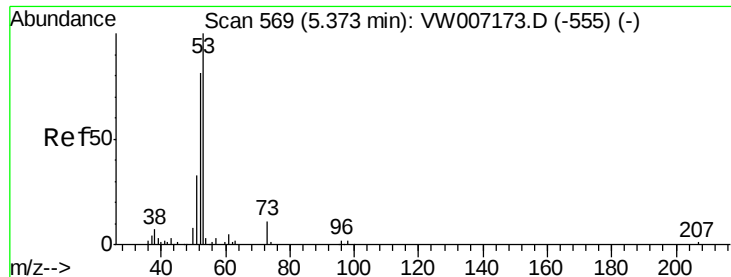
Ion Ratio Lower Upper

41 100

39 68.9 55.1 82.7

76 37.1 29.7 44.5

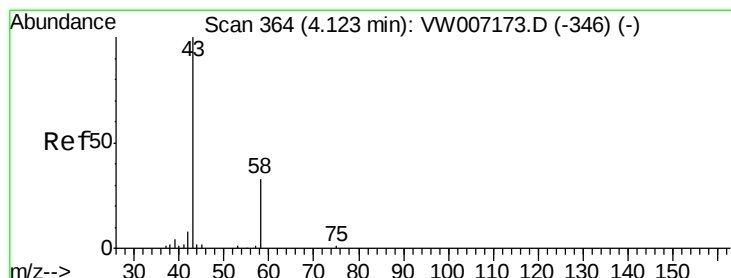
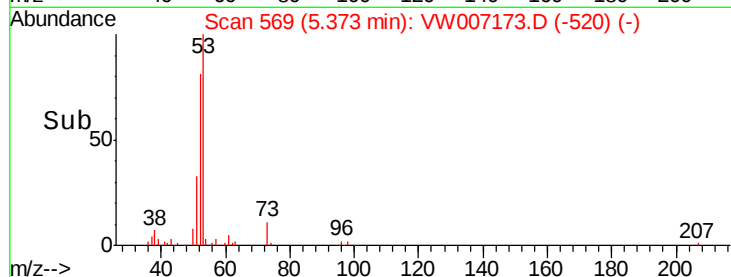
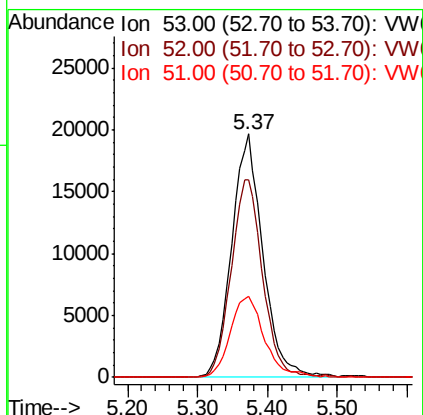
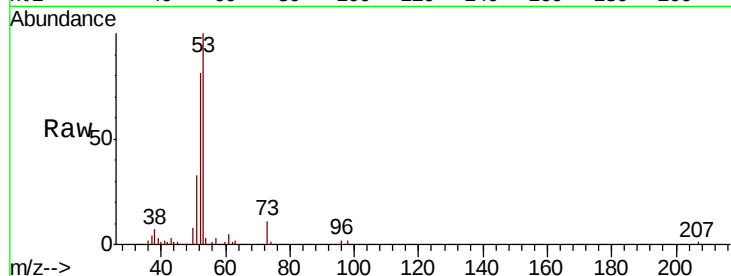




#15
 Acrylonitrile
 Concen: 271.573 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

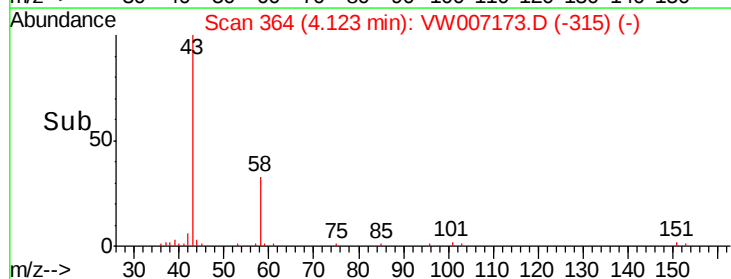
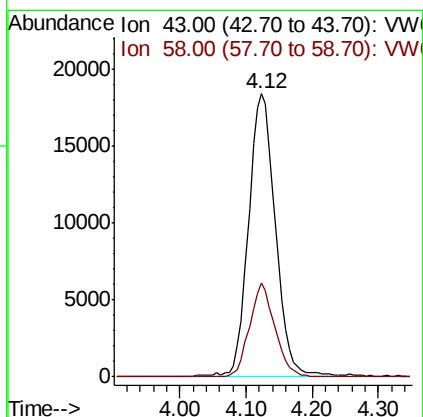
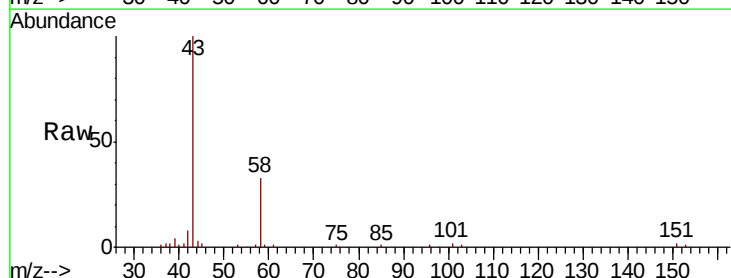
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

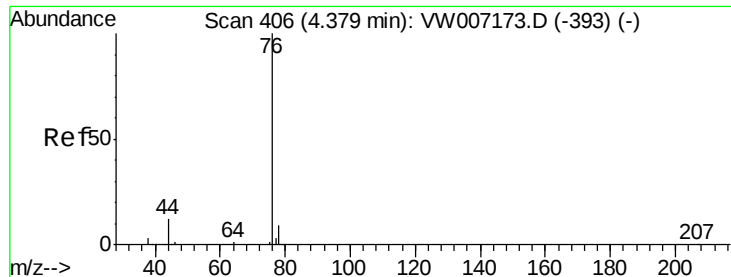
Tgt Ion: 53 Resp: 60998
 Ion Ratio Lower Upper
 53 100
 52 81.5 65.2 97.8
 51 36.5 29.2 43.8



#16
 Acetone
 Concen: 305.295 ug/l
 RT: 4.12 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion: 43 Resp: 52320
 Ion Ratio Lower Upper
 43 100
 58 33.1 26.5 39.7

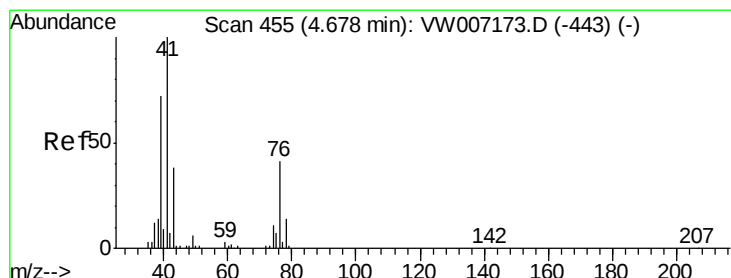
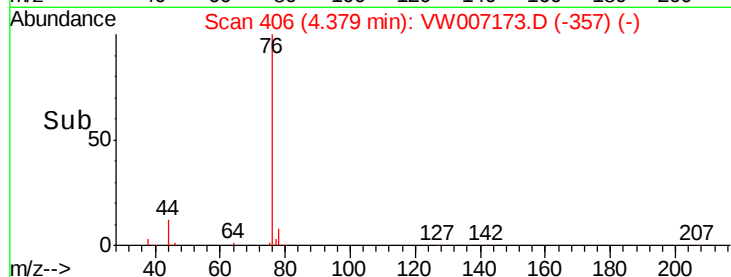
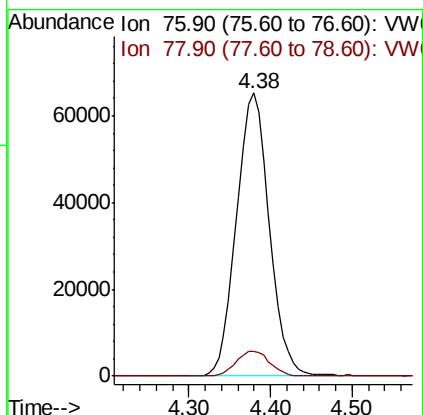
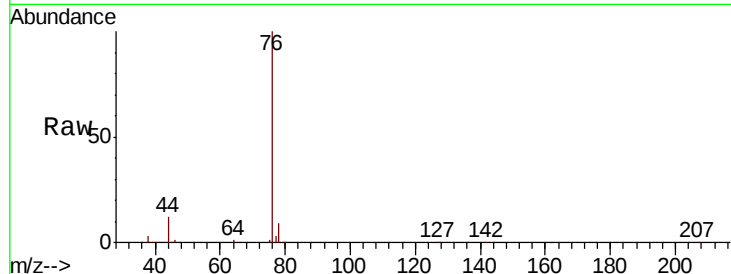




#17
Carbon Disulfide
Concen: 53.475 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

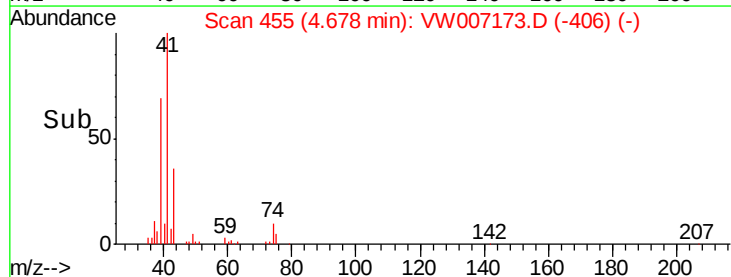
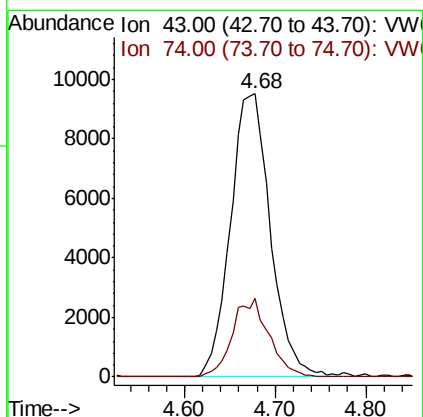
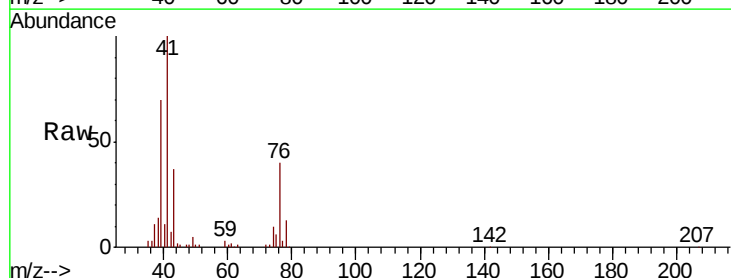
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

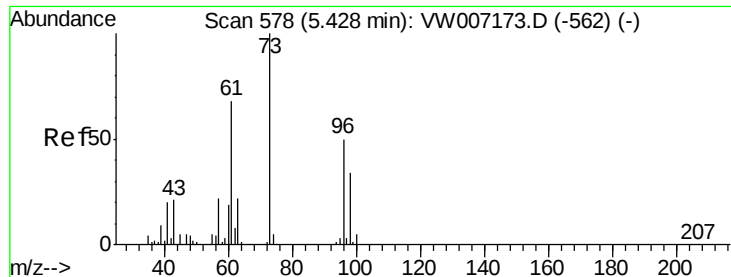
Tgt Ion: 76 Resp: 182768
Ion Ratio Lower Upper
76 100
78 8.6 6.9 10.3



#18
Methyl Acetate
Concen: 49.310 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Tgt Ion: 43 Resp: 29161
Ion Ratio Lower Upper
43 100
74 25.3 20.2 30.4

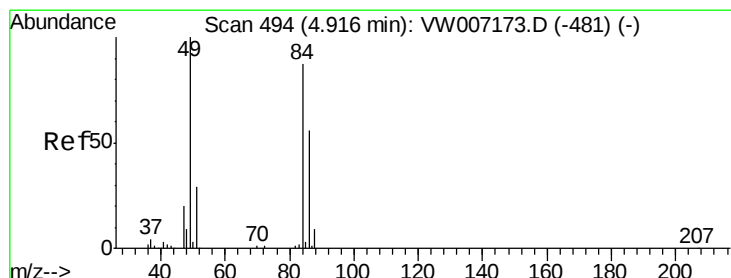
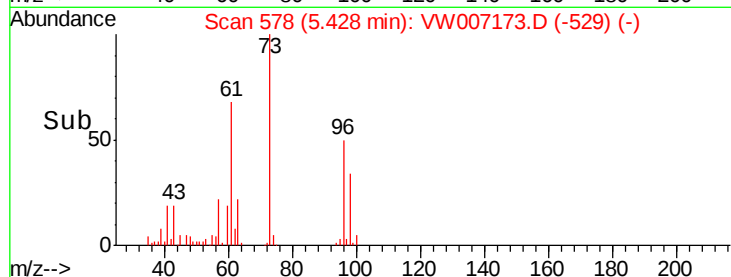
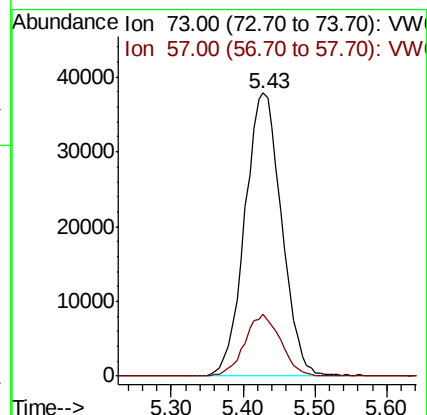
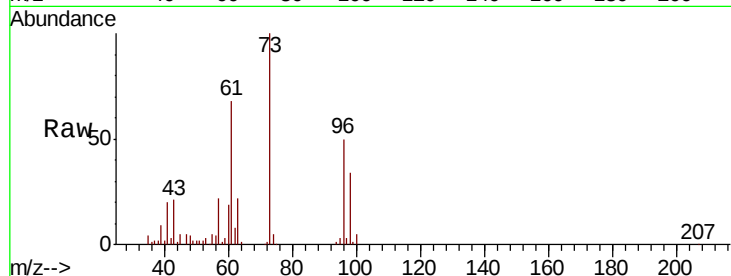




#19
Methyl tert-butyl Ether
Concen: 49.238 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

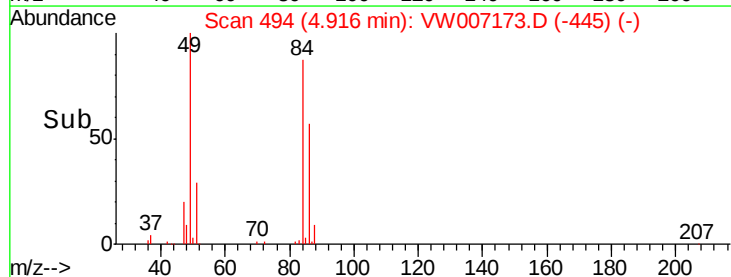
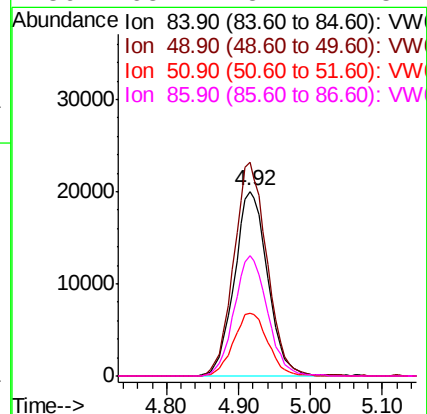
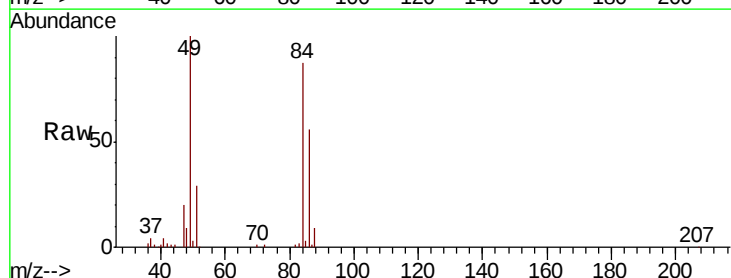
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

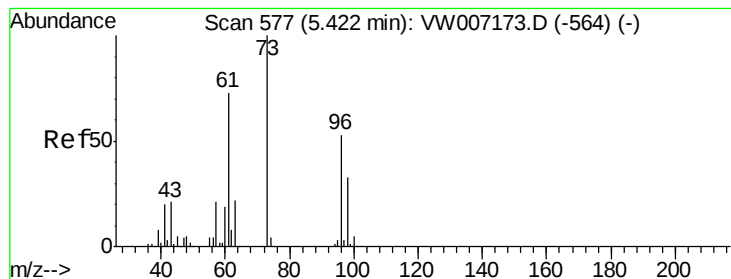
Tgt Ion: 73 Resp: 133924
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 39.616 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Tgt Ion: 84 Resp: 64435
Ion Ratio Lower Upper
84 100
49 115.6 92.5 138.7
51 33.9 27.1 40.7
86 65.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 48.866 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

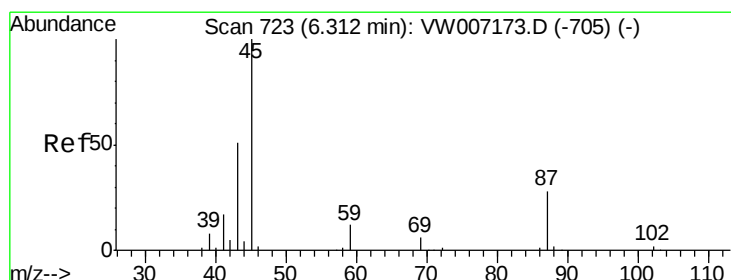
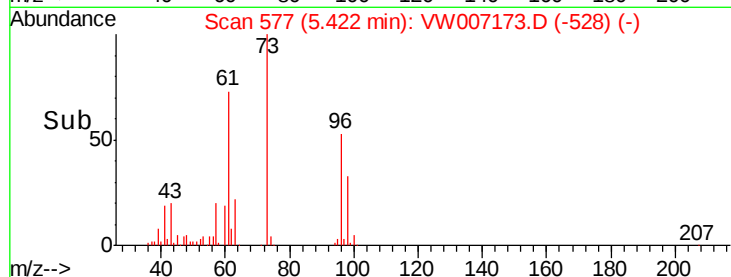
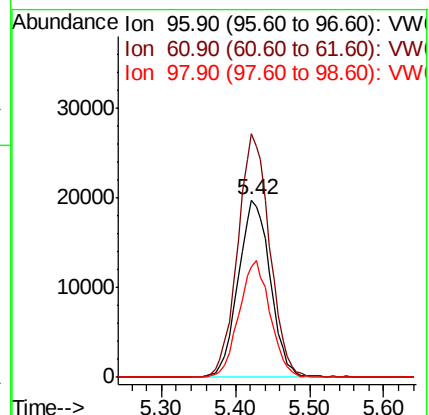
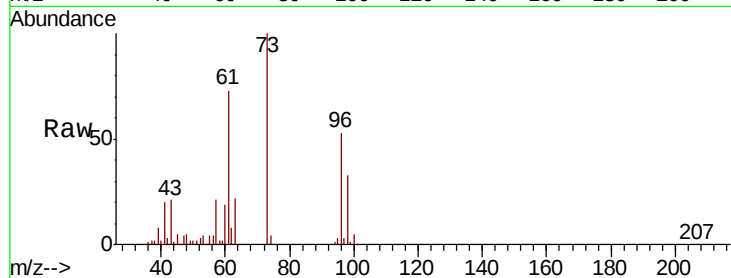
Tgt Ion: 96 Resp: 59742

Ion Ratio Lower Upper

96 100

61 137.3 109.8 164.8

98 62.5 50.0 75.0



#22

Diisopropyl ether

Concen: 49.018 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

Tgt Ion: 45 Resp: 165180

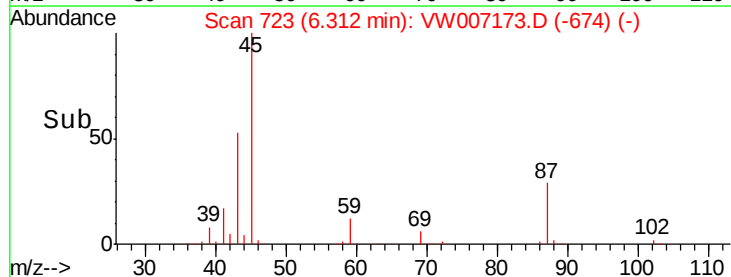
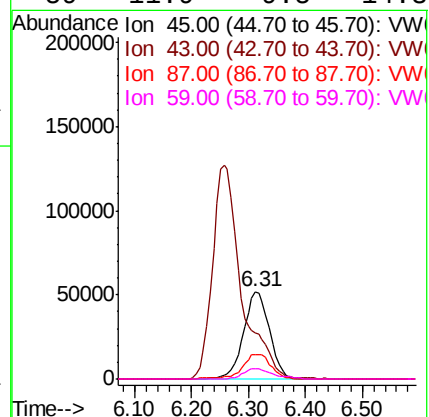
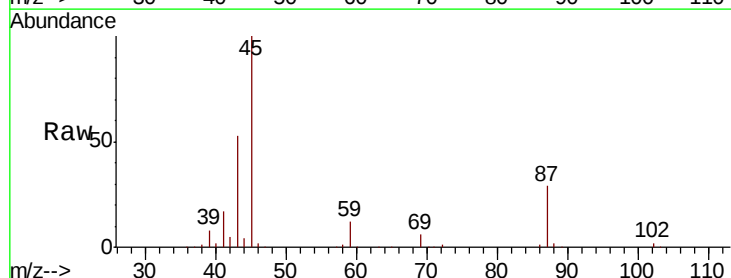
Ion Ratio Lower Upper

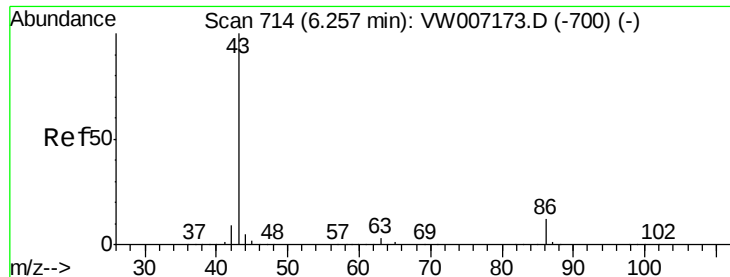
45 100

43 52.8 42.2 63.4

87 28.5 22.8 34.2

59 11.9 9.5 14.3





#23

Vinyl Acetate

Concen: 250.470 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

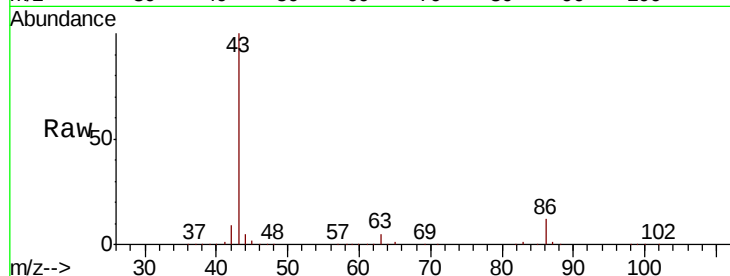
VSTDICCC050

Tgt Ion: 43 Resp: 447401

Ion Ratio Lower Upper

43 100

86 12.1 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

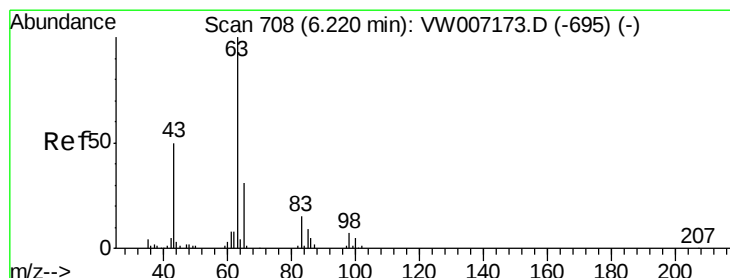
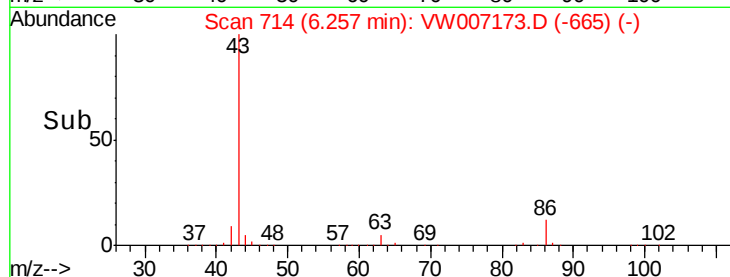
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.923 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

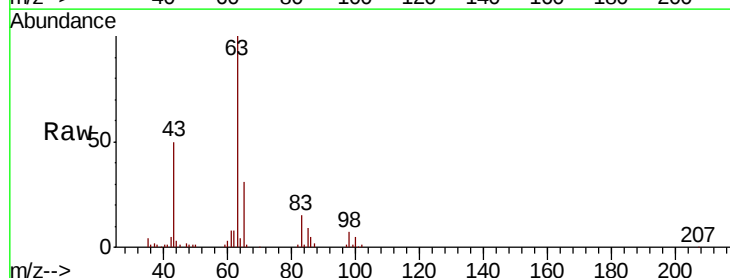
Tgt Ion: 63 Resp: 100577

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.7 2.4 7.1



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

40000

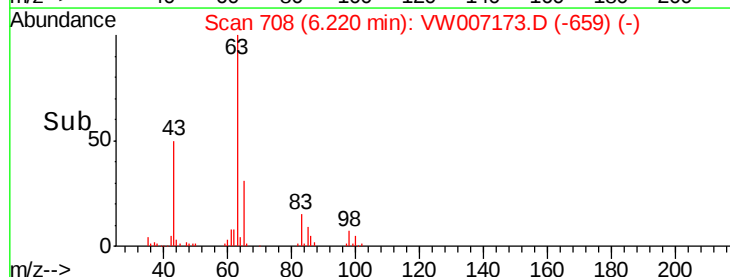
30000

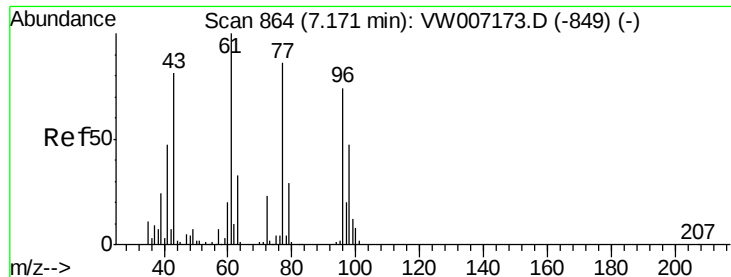
20000

10000

0

Time-->





#25

2-Butanone

Concen: 257.508 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

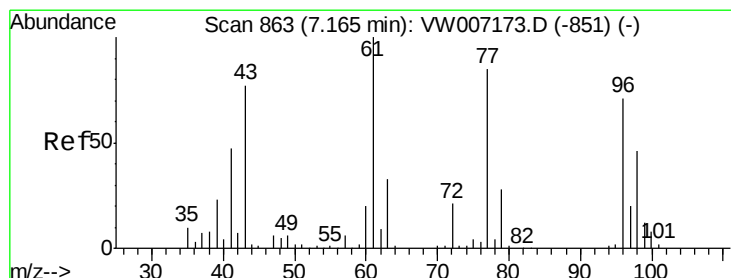
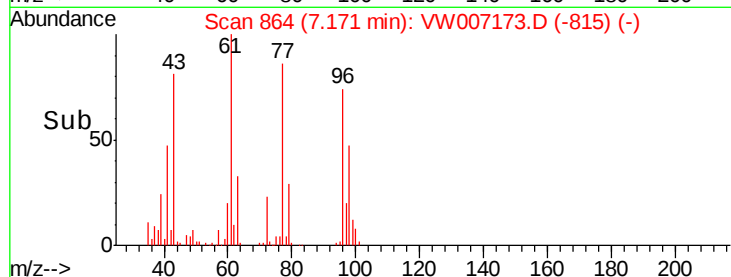
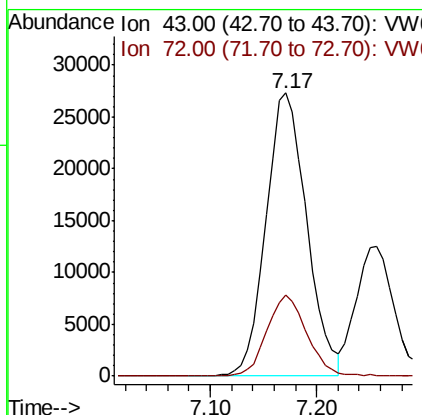
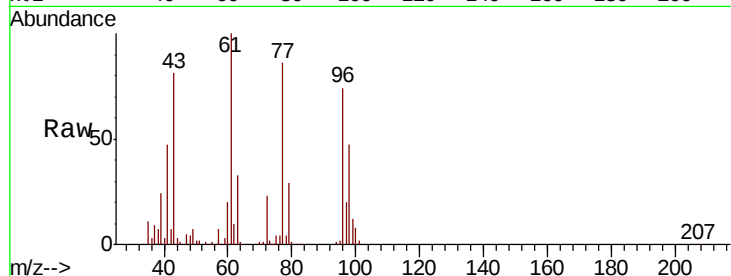
VSTDICCC050

Tgt Ion: 43 Resp: 72686

Ion Ratio Lower Upper

43 100

72 28.7 23.0 34.4



#26

2,2-Dichloropropane

Concen: 46.680 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007173.D

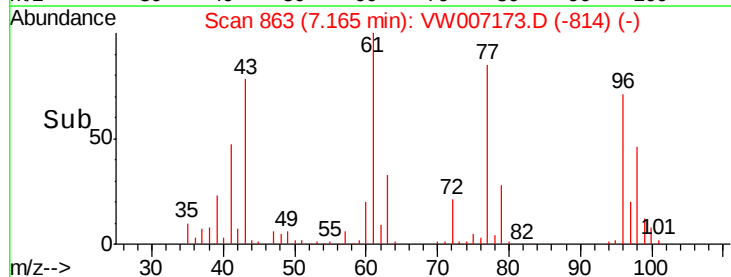
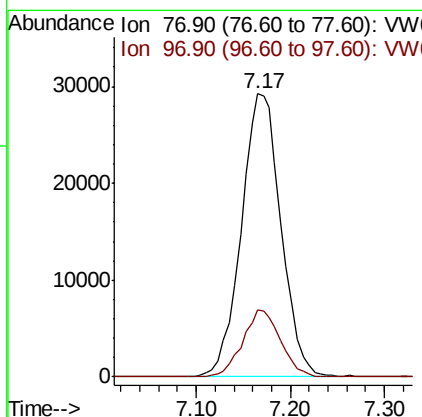
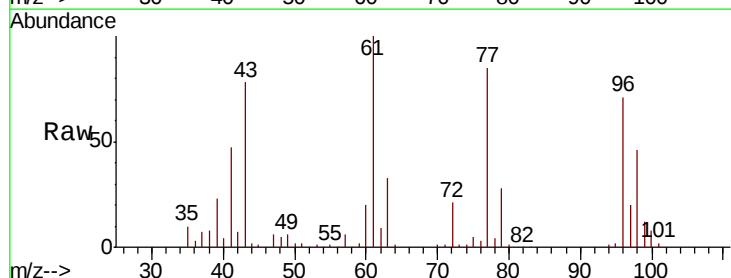
Acq: 04 Dec 2018 01:18

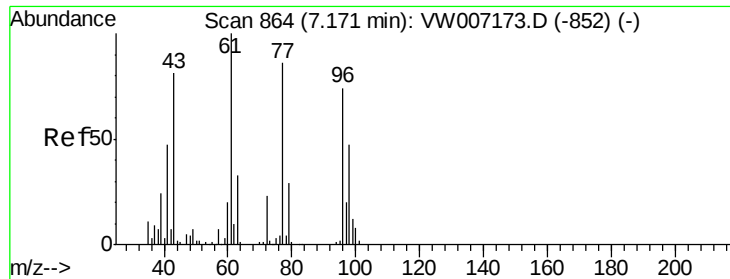
Tgt Ion: 77 Resp: 85922

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1



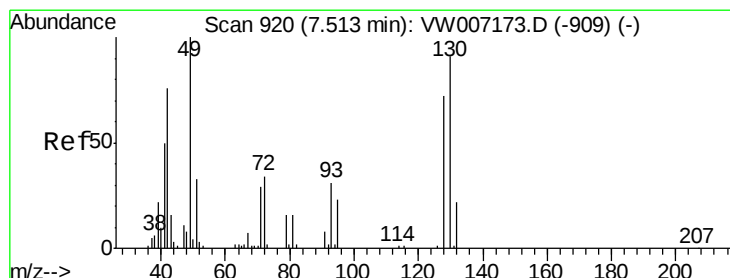
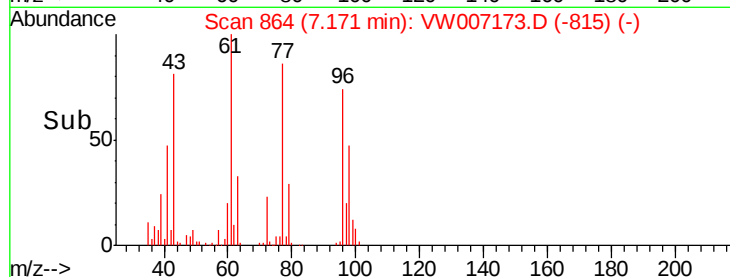
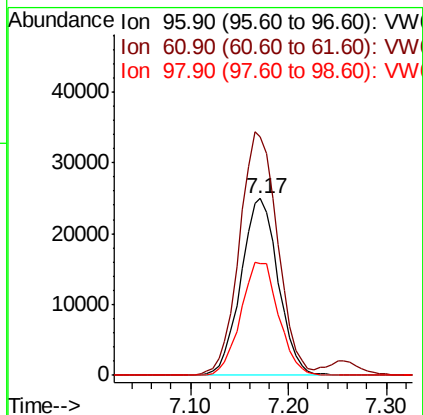
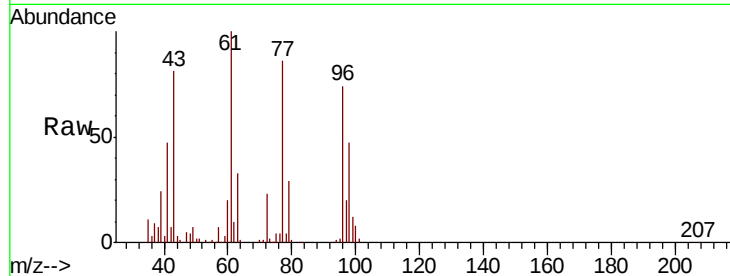


#27

cis-1,2-Dichloroethene
 Concen: 50.607 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

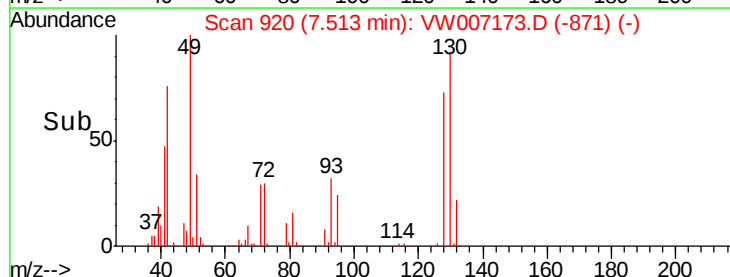
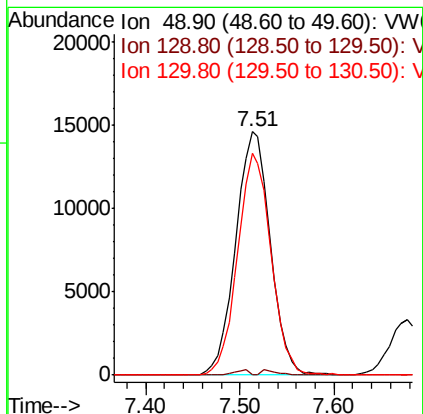
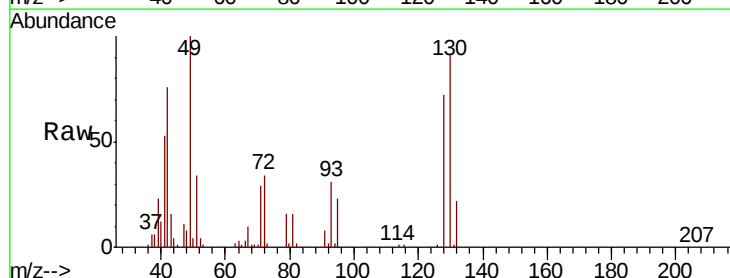
Tgt Ion: 96 Resp: 66083
 Ion Ratio Lower Upper
 96 100
 61 141.1 0.0 282.2
 98 64.9 0.0 129.8

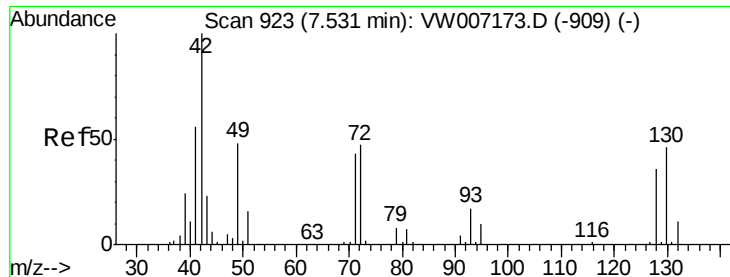


#28

Bromochloromethane
 Concen: 48.955 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion: 49 Resp: 37496
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 1.8
 130 88.1 70.5 105.7

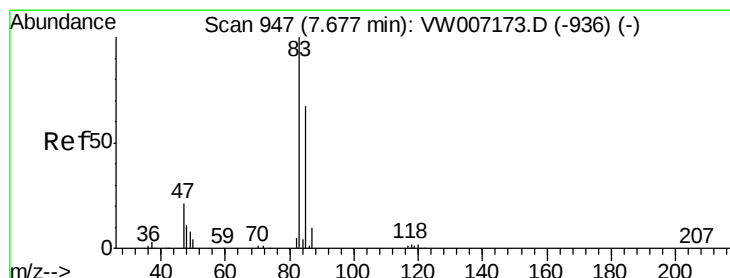
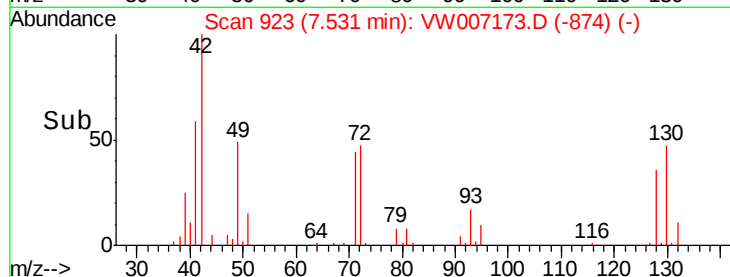
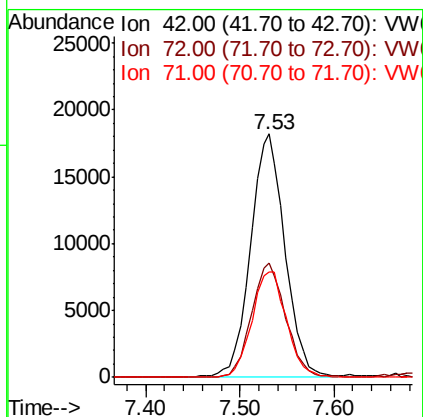
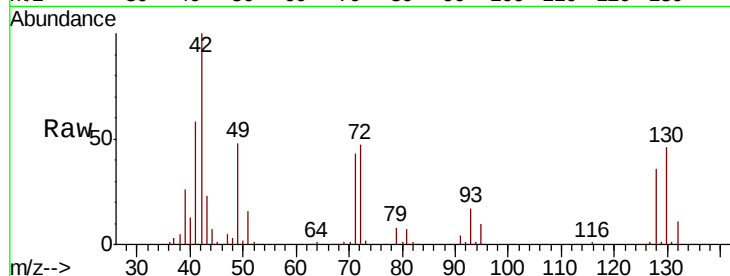




#29
Tetrahydrofuran
Concen: 255.467 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

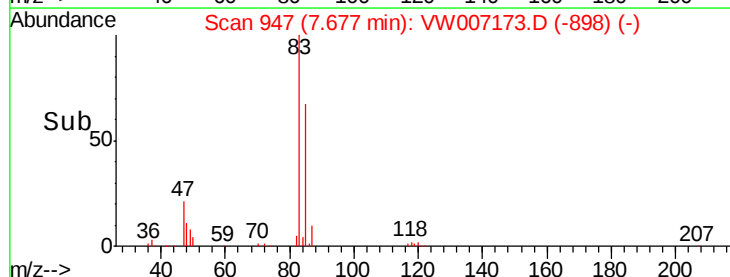
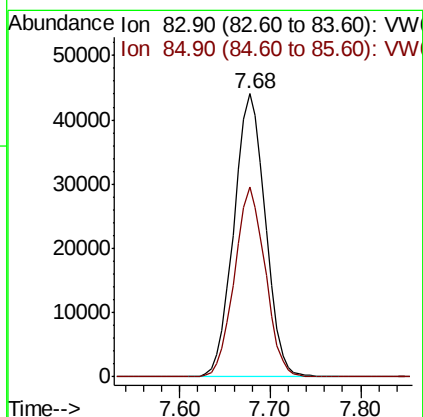
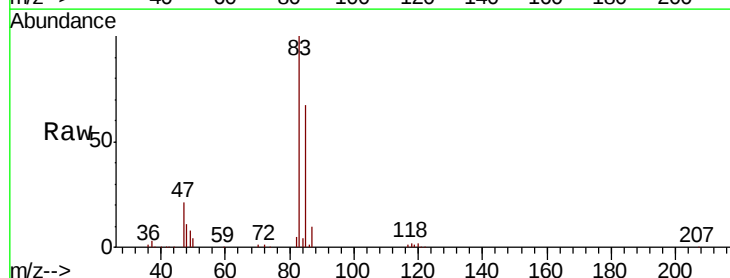
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

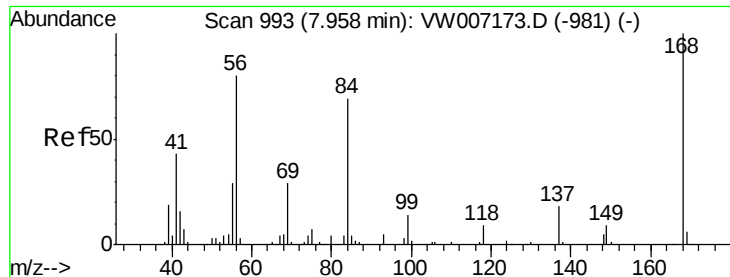
Tgt Ion: 42 Resp: 46621
Ion Ratio Lower Upper
42 100
72 46.6 37.3 55.9
71 43.8 35.0 52.6



#30
Chloroform
Concen: 48.561 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Tgt Ion: 83 Resp: 106167
Ion Ratio Lower Upper
83 100
85 67.2 53.8 80.6

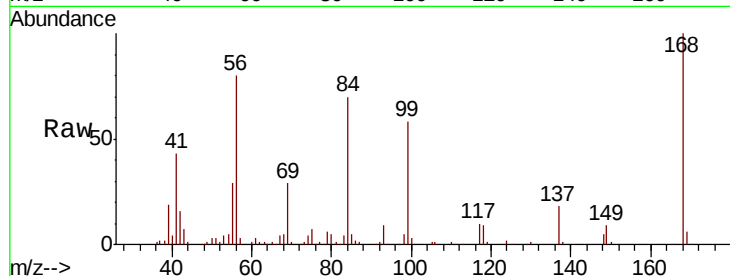




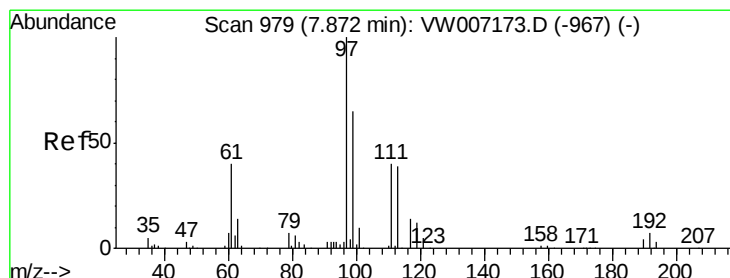
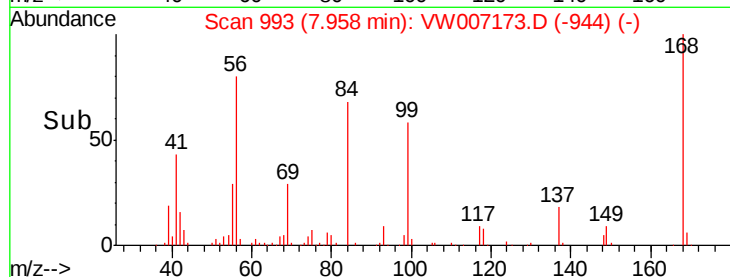
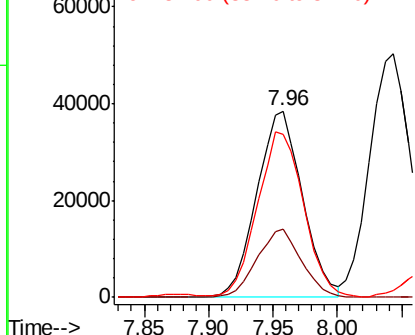
#31
Cyclohexane
Concen: 44.012 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 94629
Ion Ratio Lower Upper
56 100
69 36.5 29.2 43.8
84 86.2 69.0 103.4

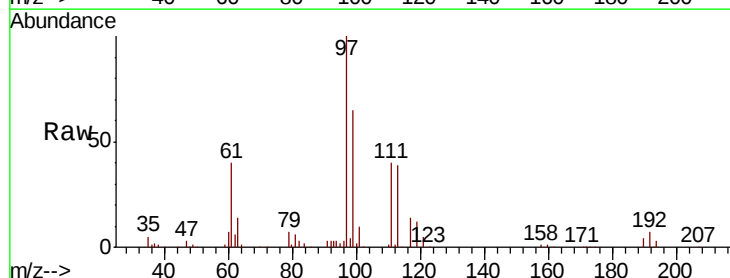


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

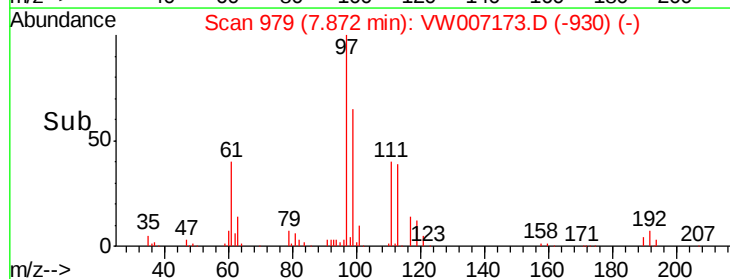
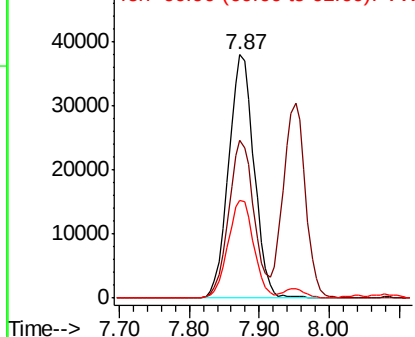


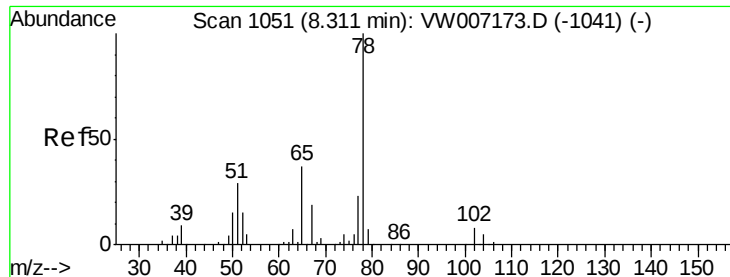
#32
1,1,1-Trichloroethane
Concen: 48.646 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Tgt Ion: 97 Resp: 95657
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 40.9 32.7 49.1



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

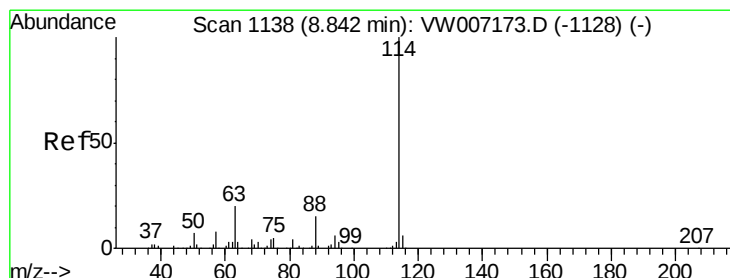
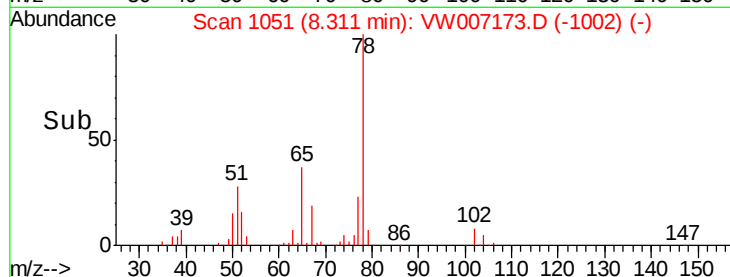
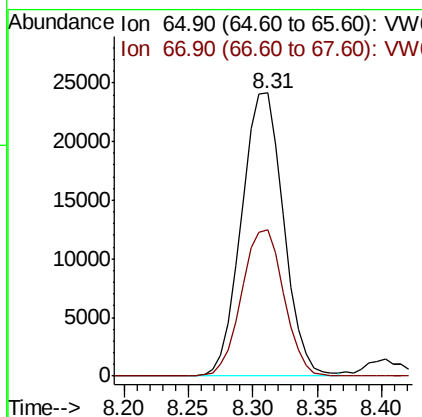
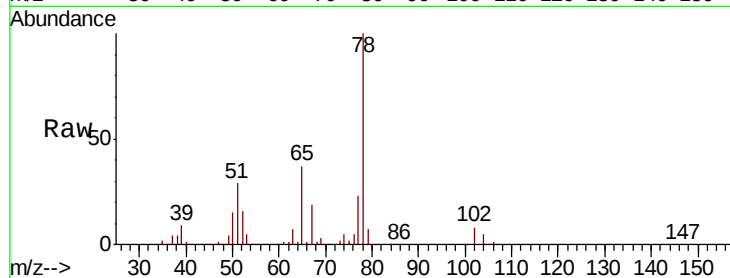




#33
 1,2-Dichloroethane-d4
 Concen: 48.424 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

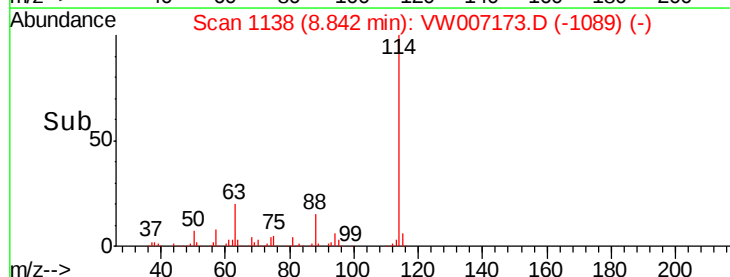
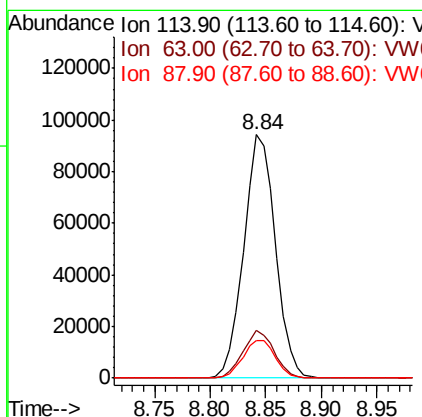
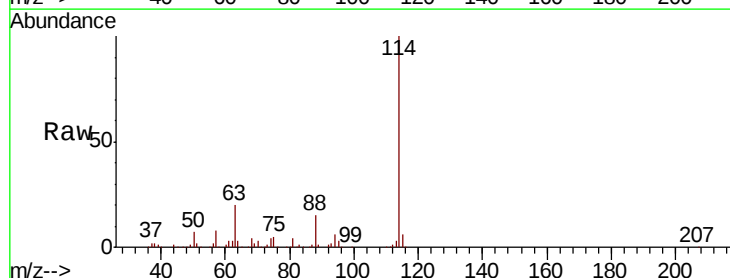
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

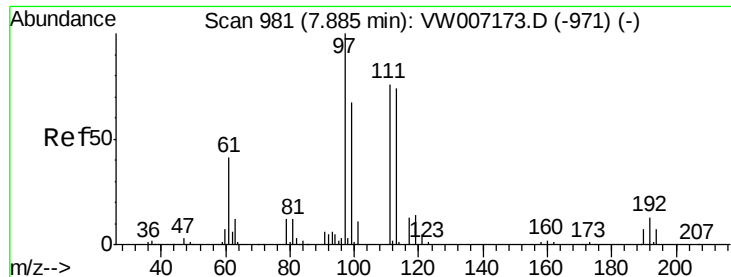
Tgt Ion: 65 Resp: 54734
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion: 114 Resp: 187094
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.4 0.0 30.8

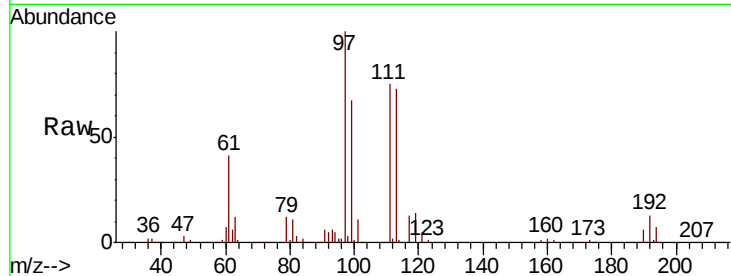




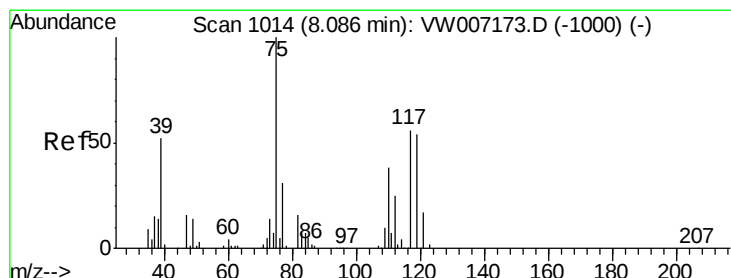
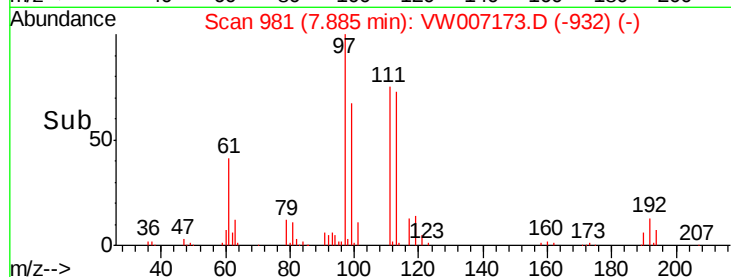
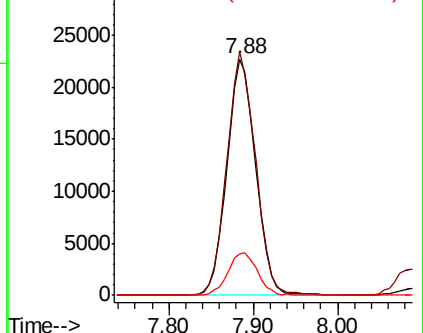
#35
 Dibromofluoromethane
 Concen: 50.043 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 113 Resp: 52638
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 18.4 14.7 22.1

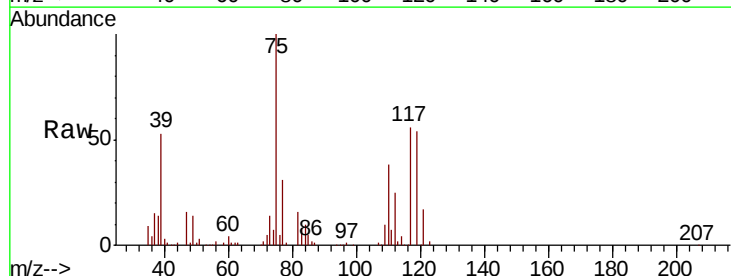


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

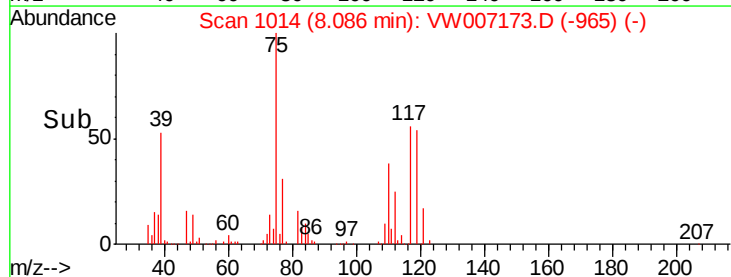
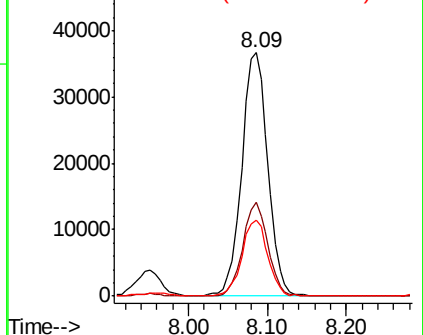


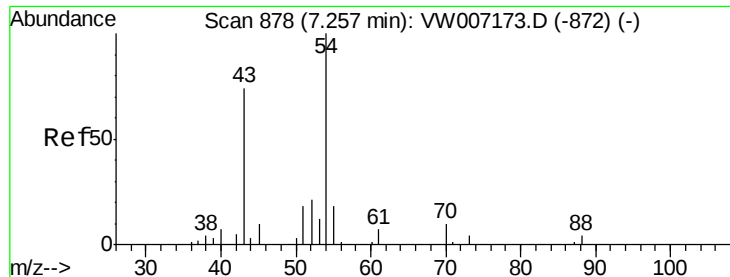
#36
 1,1-Dichloropropene
 Concen: 46.700 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion: 75 Resp: 84154
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.4 55.2
 77 31.1 24.9 37.3



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

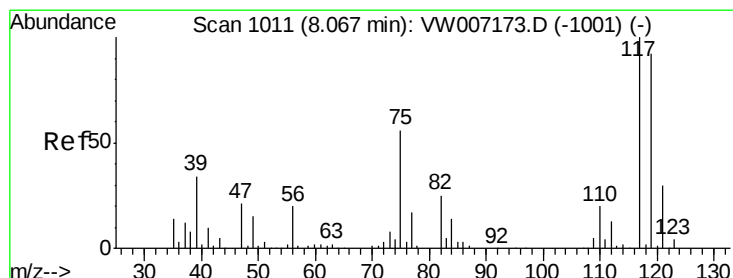
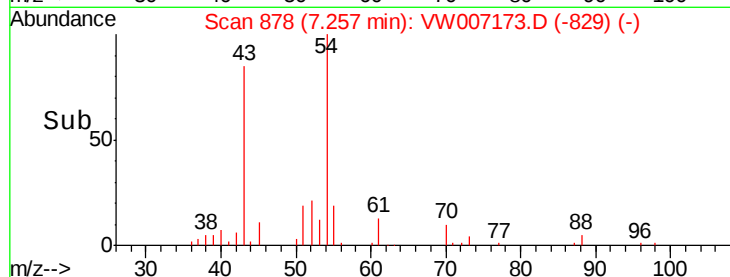
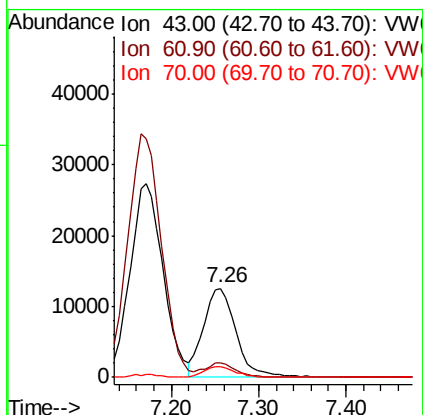
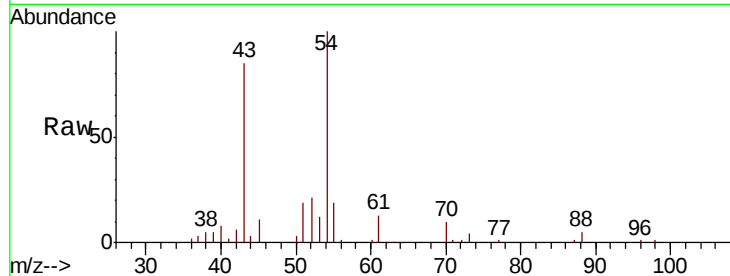




#37
Ethyl Acetate
Concen: 49.434 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

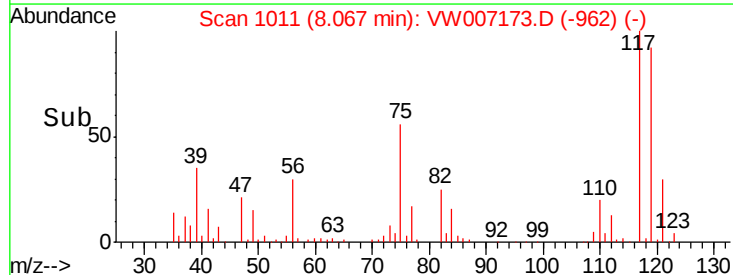
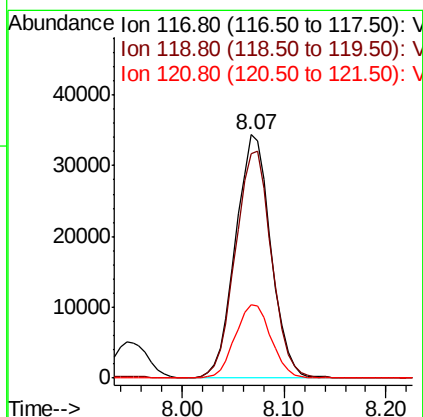
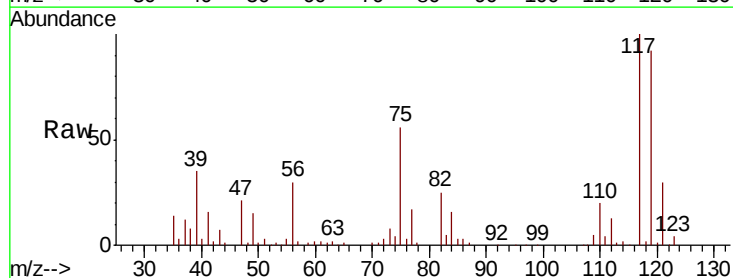
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

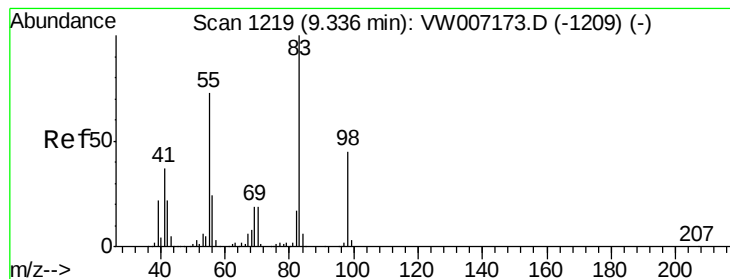
Tgt Ion: 43 Resp: 32638
Ion Ratio Lower Upper
43 100
61 15.3 12.2 18.4
70 11.6 9.3 13.9



#38
Carbon Tetrachloride
Concen: 47.744 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Tgt Ion: 117 Resp: 82819
Ion Ratio Lower Upper
117 100
119 92.2 73.8 110.6
121 30.1 24.1 36.1





#39

Methylcyclohexane

Concen: 47.432 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

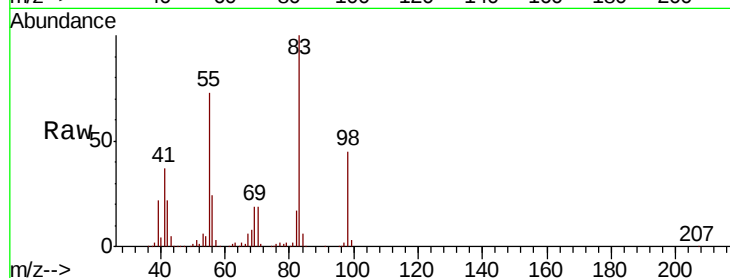
Tgt Ion: 83 Resp: 107070

Ion Ratio Lower Upper

83 100

55 73.4 58.7 88.1

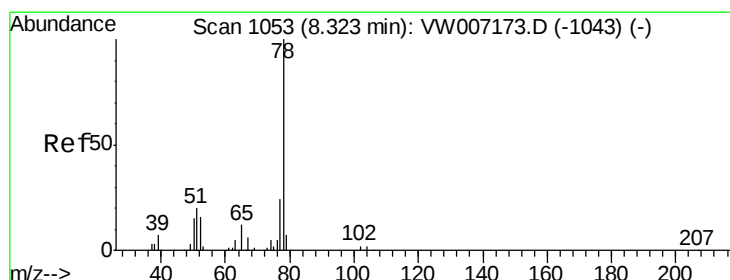
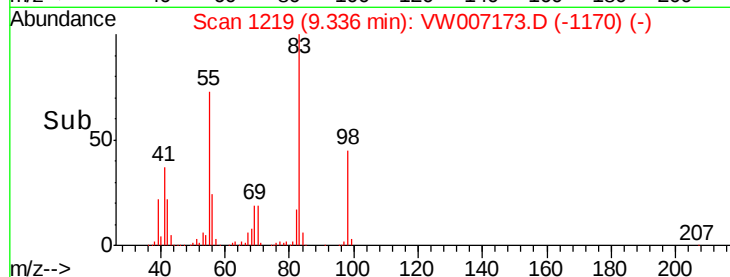
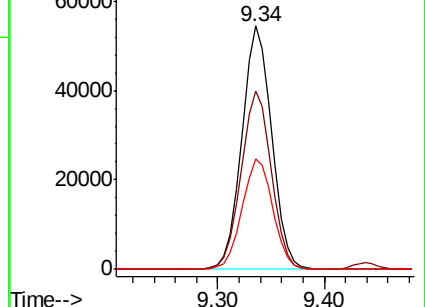
98 45.4 36.3 54.5



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 49.510 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW007173.D

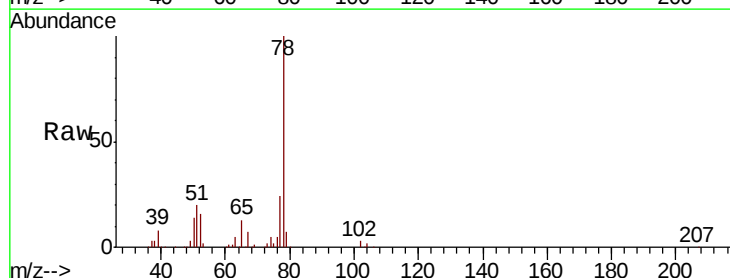
Acq: 04 Dec 2018 01:18

Tgt Ion: 78 Resp: 242417

Ion Ratio Lower Upper

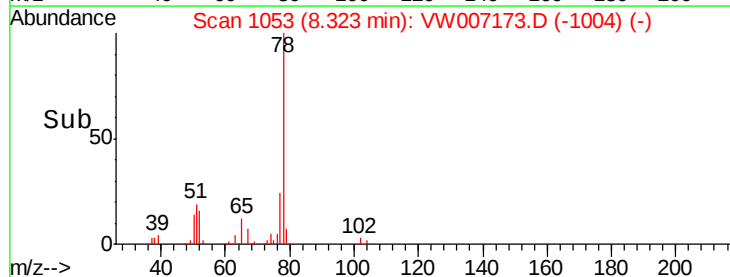
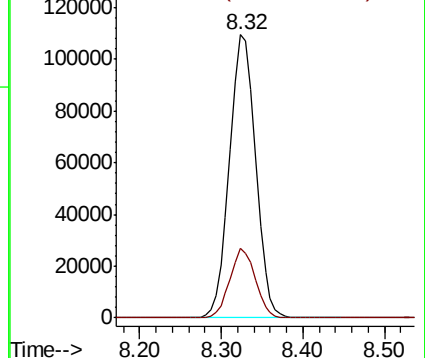
78 100

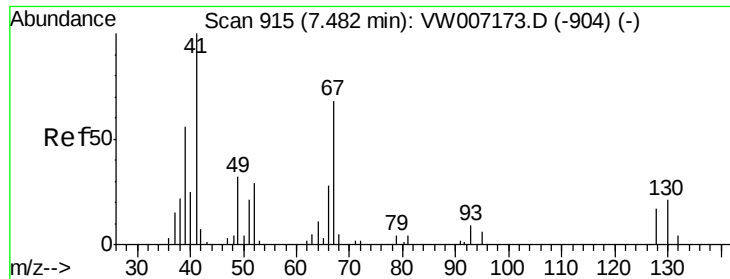
77 24.4 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

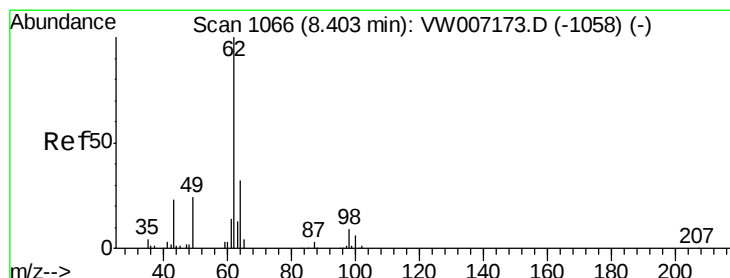
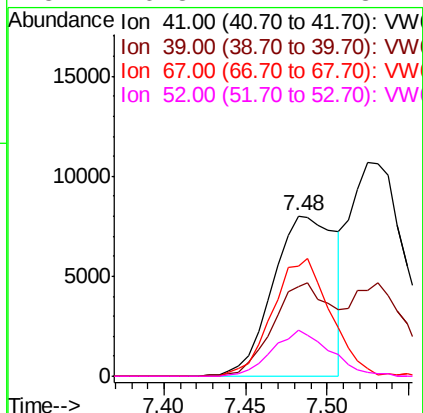
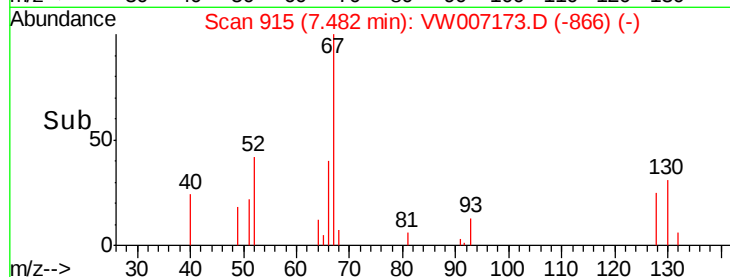
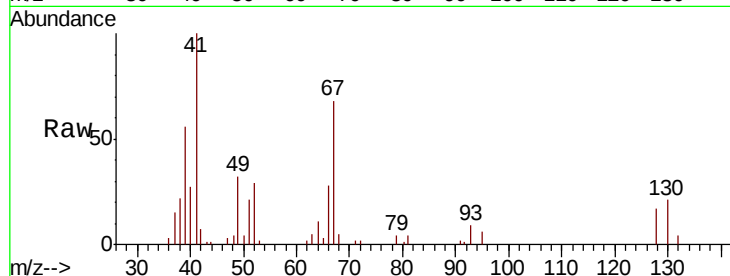




#41
Methacrylonitrile
Concen: 51.786 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

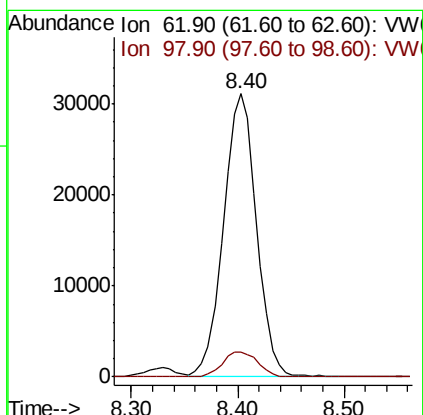
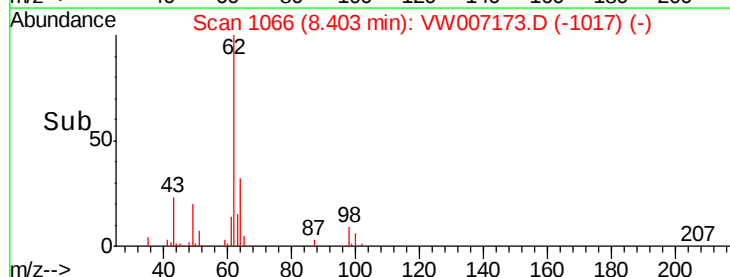
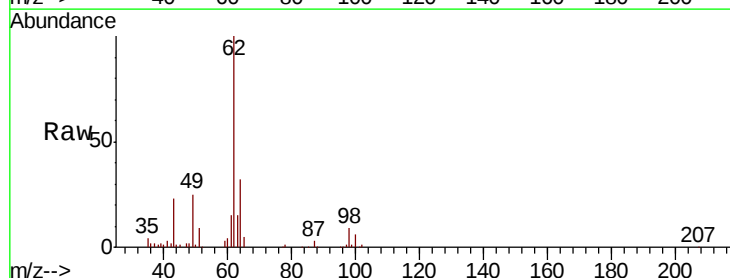
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

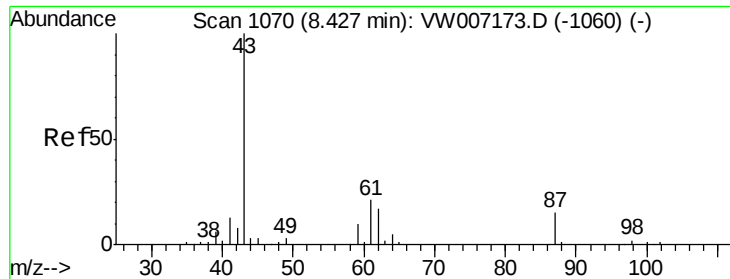
Tgt Ion:	41	Resp:	21437
Ion	Ratio	Lower	Upper
41	100		
39	54.3	43.4	65.2
67	67.9	54.3	81.5
52	26.8	21.4	32.2



#42
1,2-Dichloroethane
Concen: 47.224 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Tgt Ion:	62	Resp:	67074
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8





#43

Isopropyl Acetate

Concen: 52.067 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

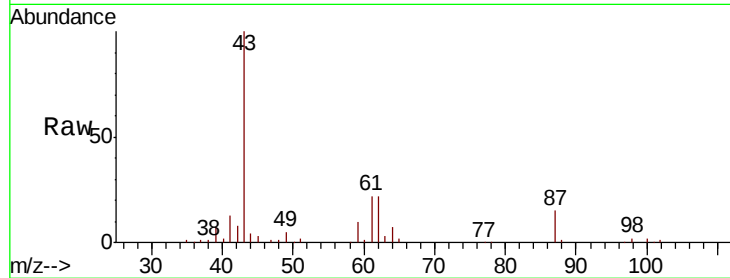
Tgt Ion: 43 Resp: 65870

Ion Ratio Lower Upper

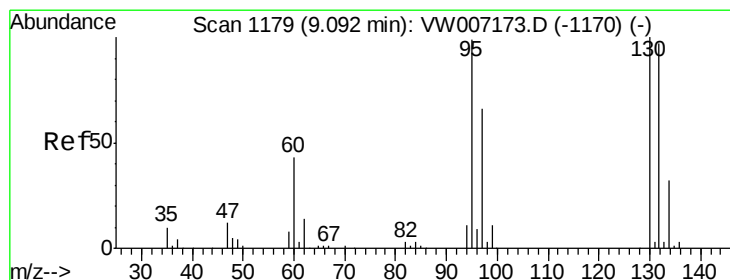
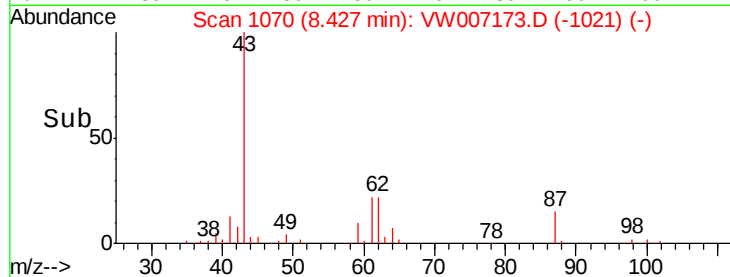
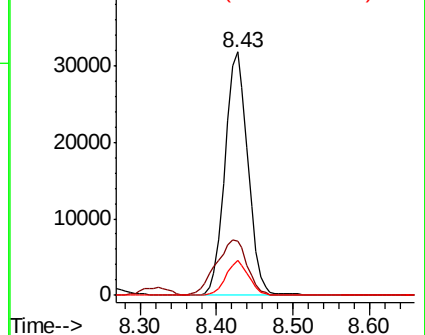
43 100

61 30.9 24.7 37.1

87 14.1 11.3 16.9



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



#44

Trichloroethene

Concen: 49.015 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW007173.D

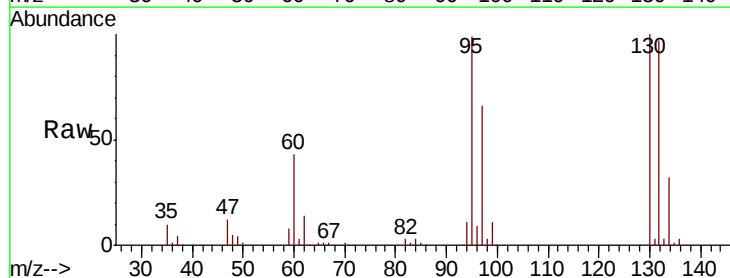
Acq: 04 Dec 2018 01:18

Tgt Ion: 130 Resp: 67317

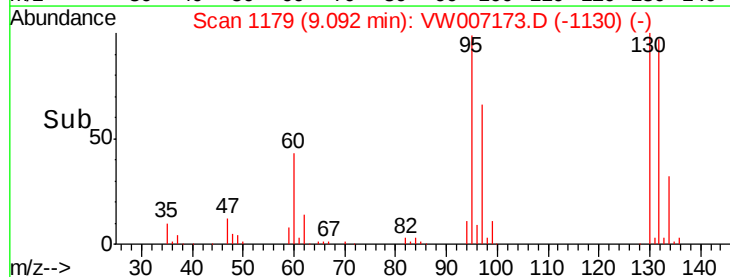
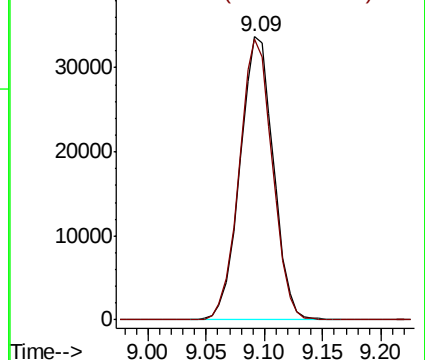
Ion Ratio Lower Upper

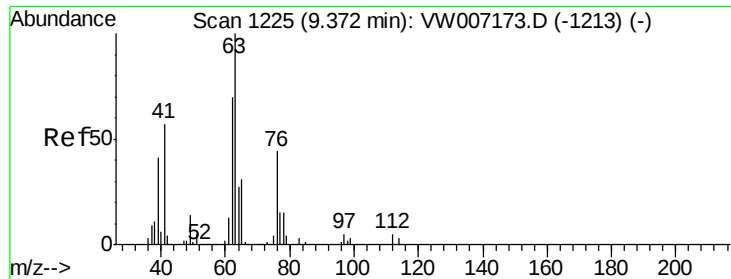
130 100

95 99.4 0.0 198.8



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

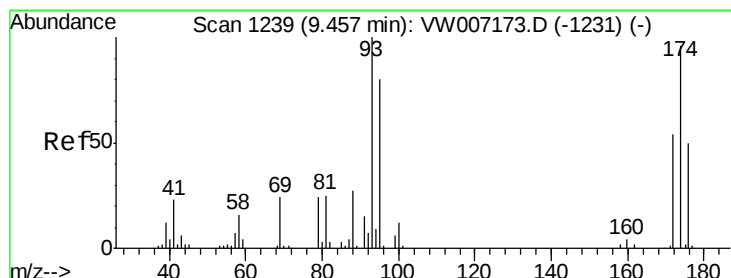
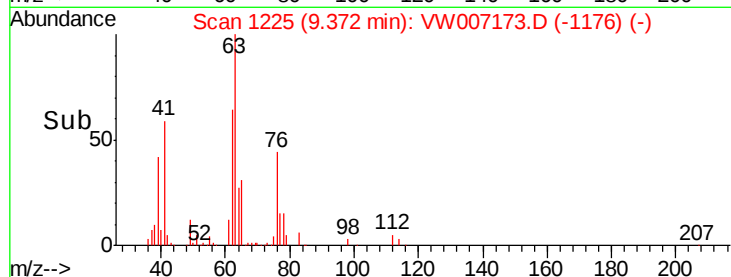
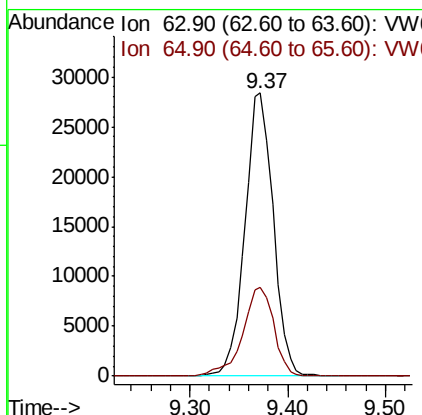
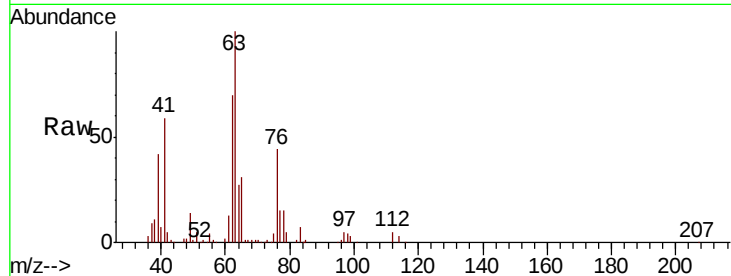




#45
 1,2-Dichloropropane
 Concen: 47.505 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

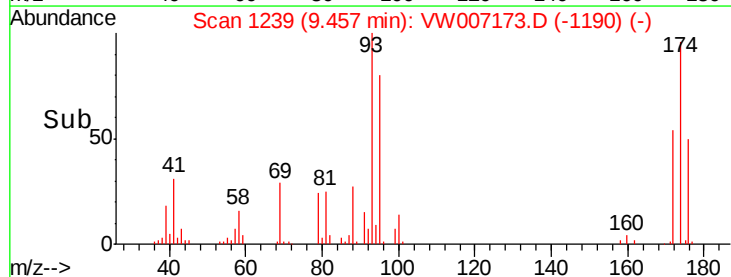
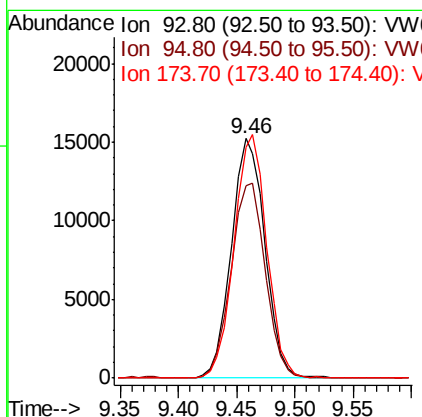
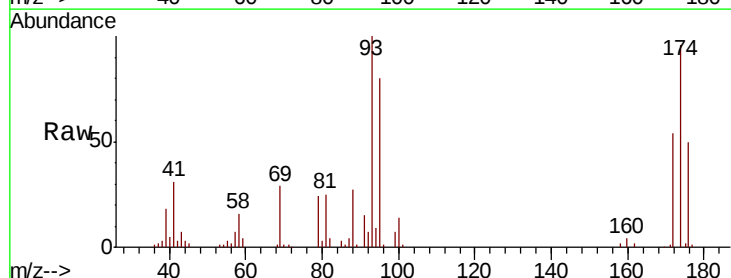
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

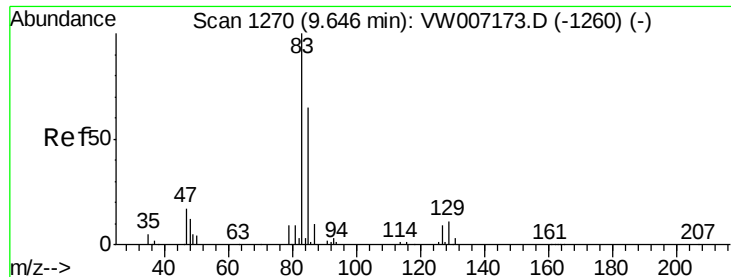
Tgt Ion: 63 Resp: 57022
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.1 37.7



#46
 Dibromomethane
 Concen: 50.294 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion: 93 Resp: 30622
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.2 99.4
 174 99.1 79.3 118.9

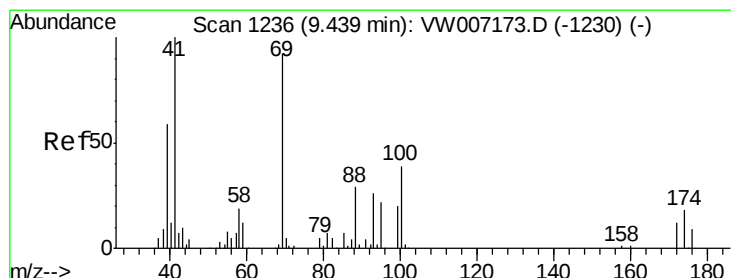
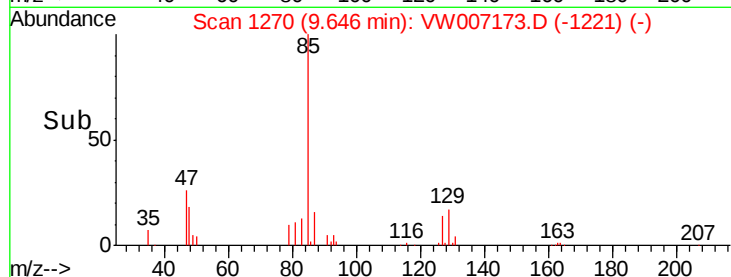
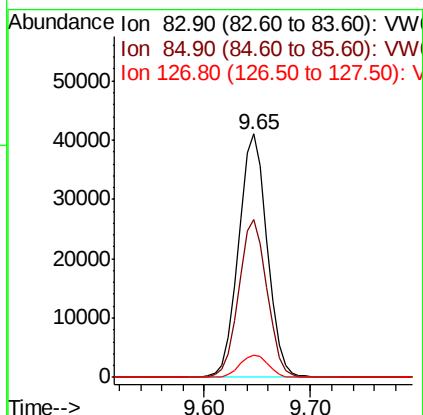
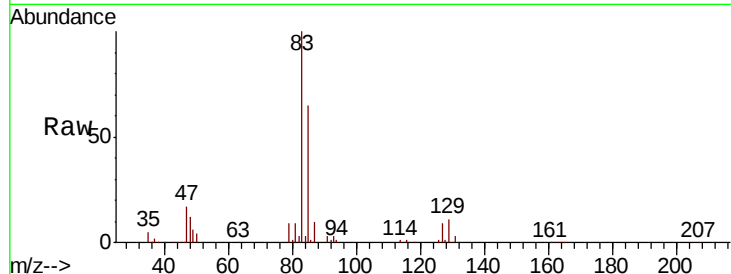




#47
 Bromodichloromethane
 Concen: 48.409 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

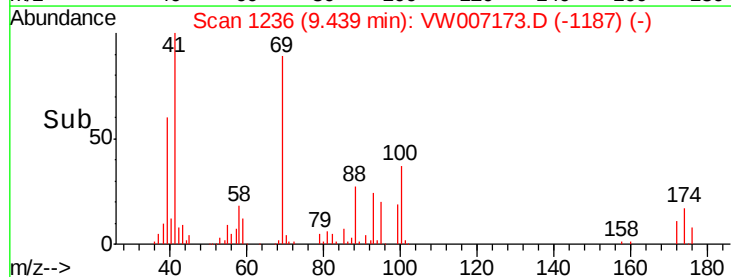
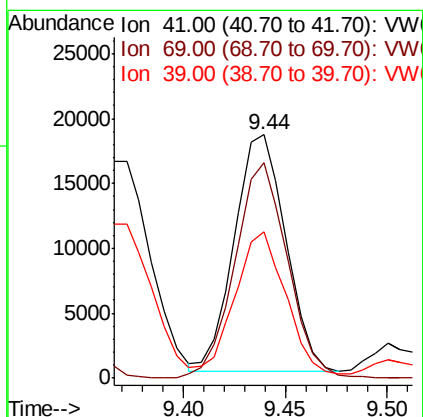
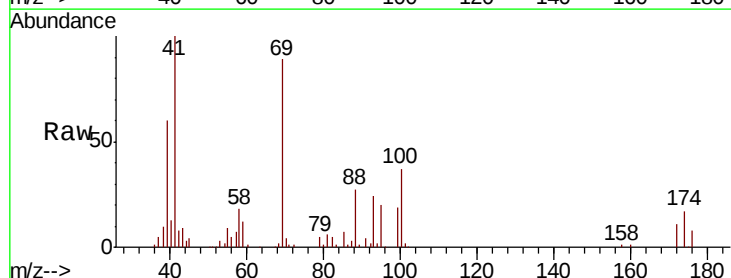
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

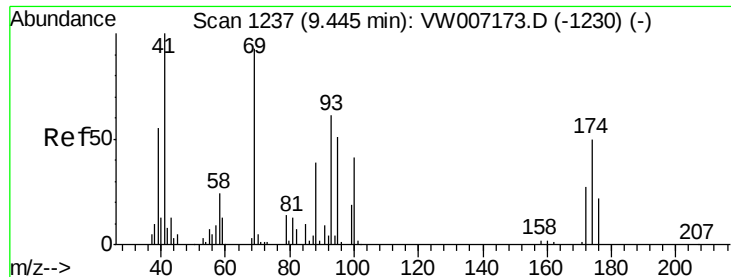
Tgt Ion: 83 Resp: 77252
 Ion Ratio Lower Upper
 83 100
 85 64.9 51.9 77.9
 127 8.9 7.1 10.7



#48
 Methyl methacrylate
 Concen: 52.273 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion: 41 Resp: 31772
 Ion Ratio Lower Upper
 41 100
 69 93.6 74.9 112.3
 39 59.4 47.5 71.3

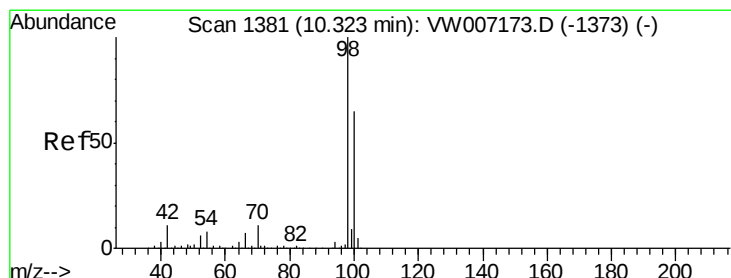
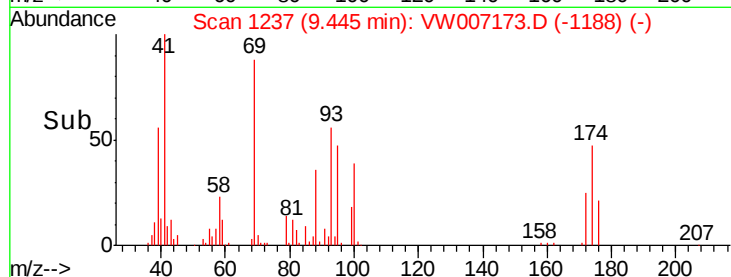
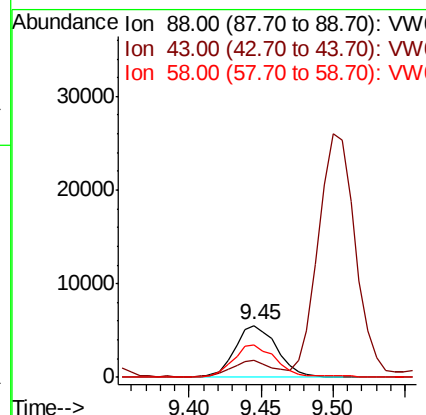
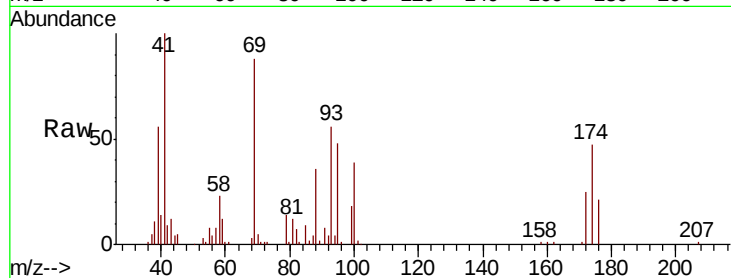




#49
1,4-Dioxane
Concen: 1200.791 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

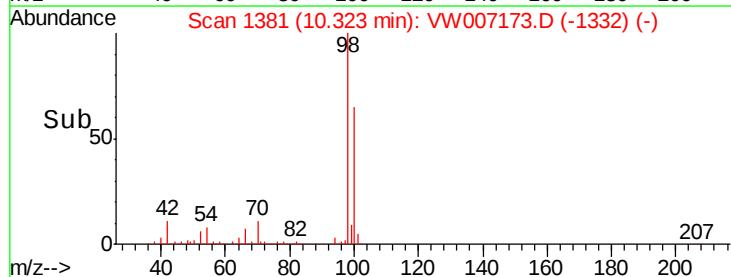
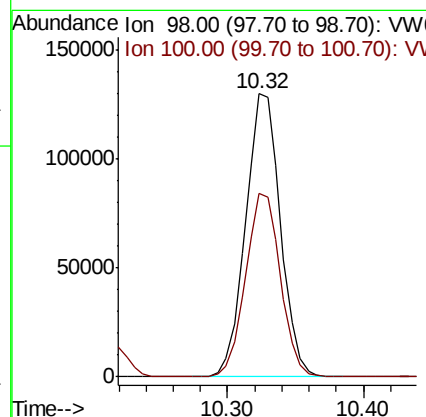
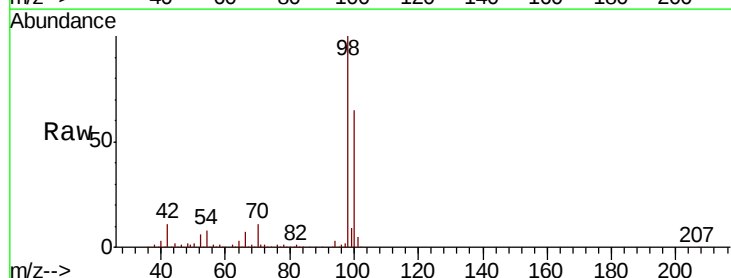
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

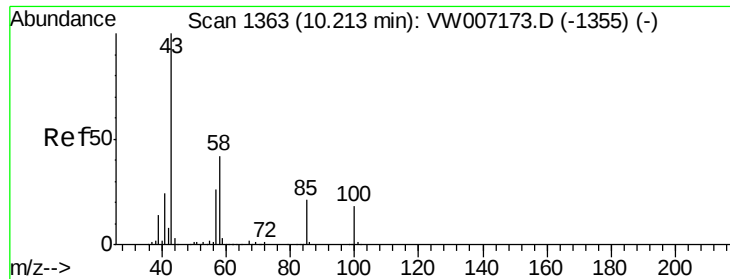
Tgt Ion: 88 Resp: 11128
Ion Ratio Lower Upper
88 100
43 34.6 27.7 41.5
58 65.1 52.1 78.1



#50
Toluene-d8
Concen: 50.399 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Tgt Ion: 98 Resp: 232541
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1

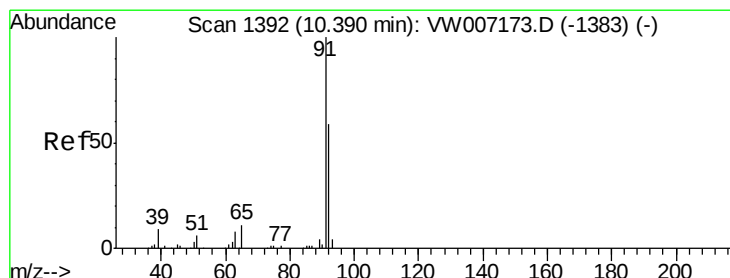
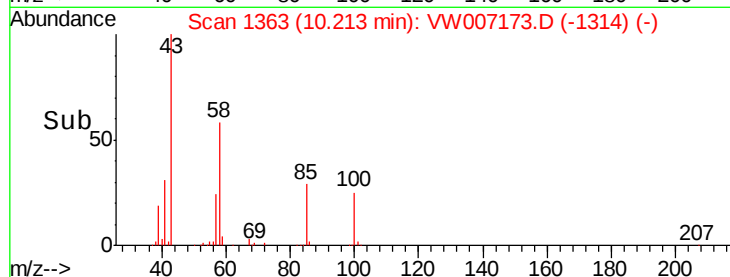
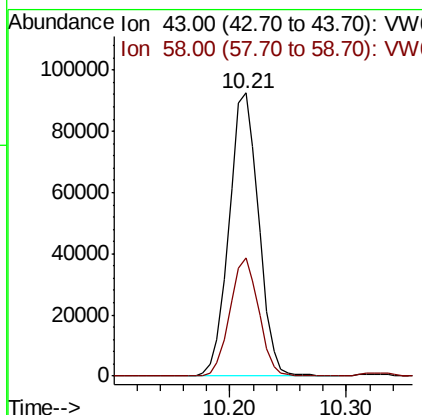
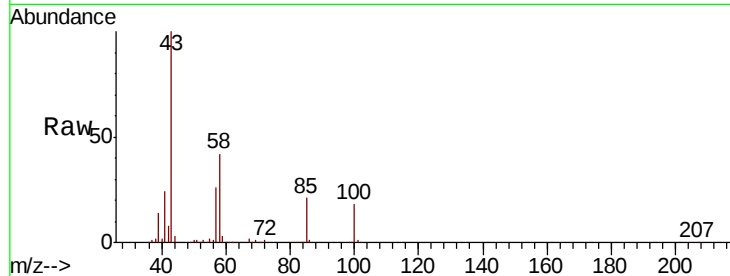




#51
 4-Methyl-2-Pentanone
 Concen: 257.099 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

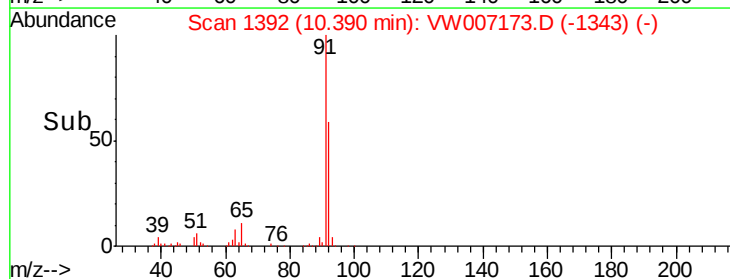
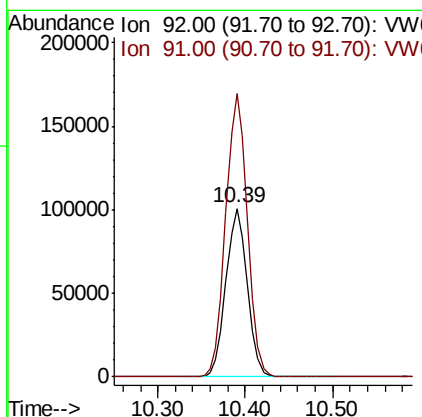
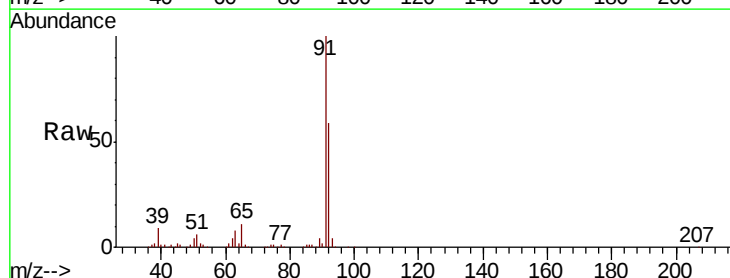
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

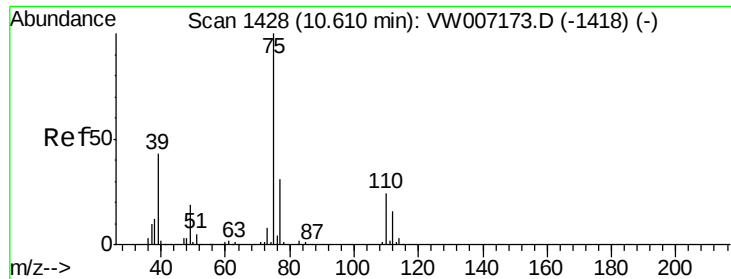
Tgt Ion: 43 Resp: 163438
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.6 49.0



#52
 Toluene
 Concen: 51.240 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion: 92 Resp: 170734
 Ion Ratio Lower Upper
 92 100
 91 170.8 136.6 205.0

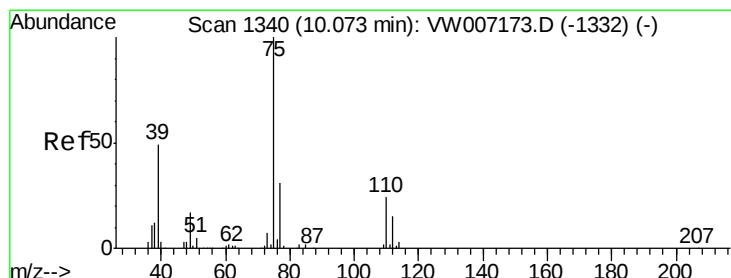
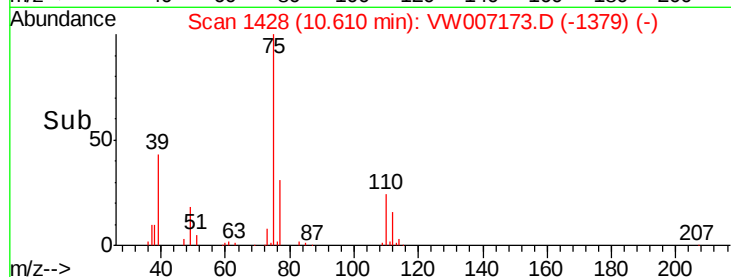
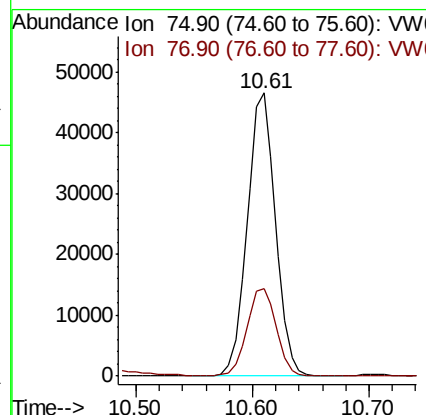
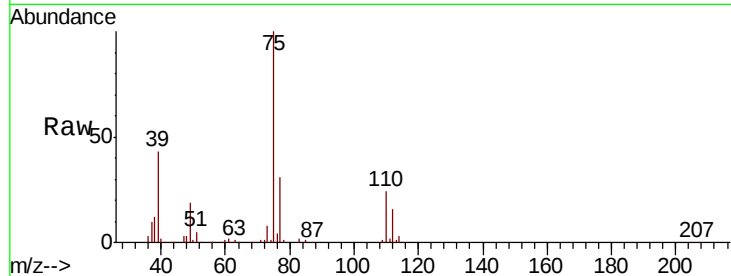




#53
t-1,3-Dichloropropene
Concen: 50.835 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

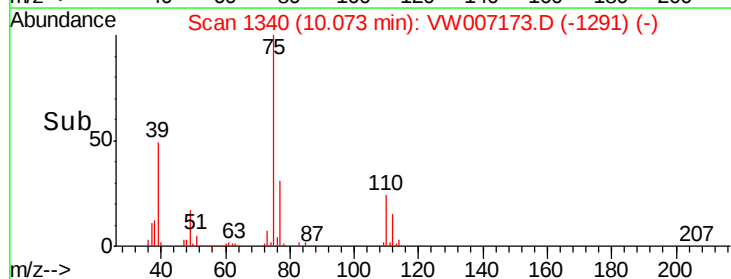
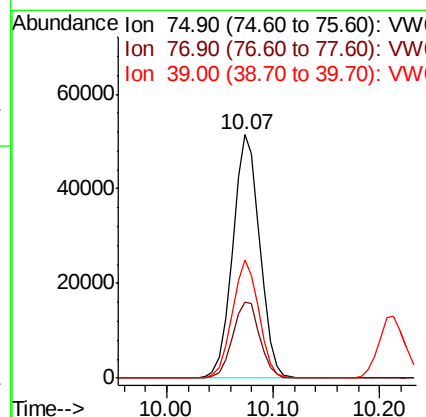
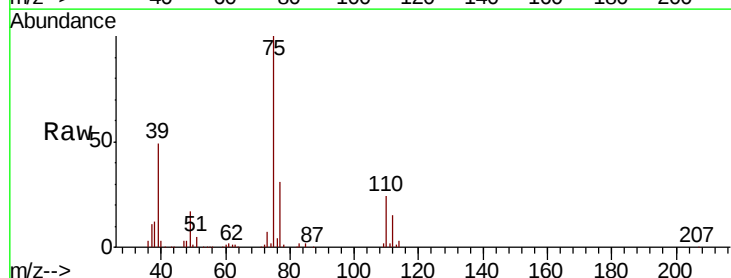
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

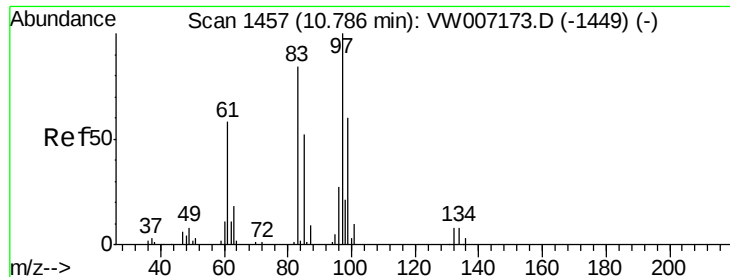
Tgt Ion: 75 Resp: 78786
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 49.226 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Tgt Ion: 75 Resp: 91412
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 48.8 39.0 58.6

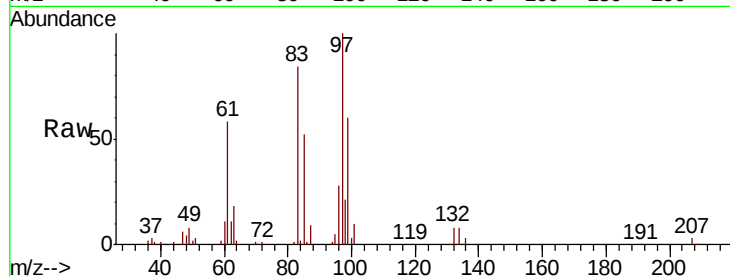




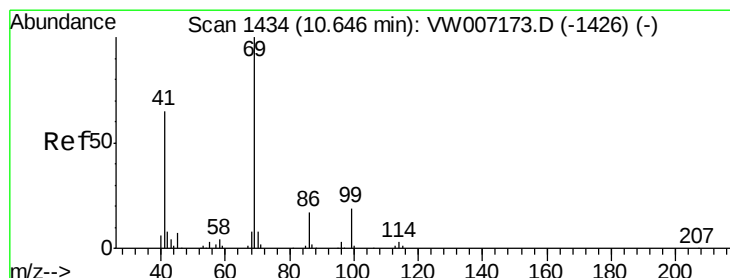
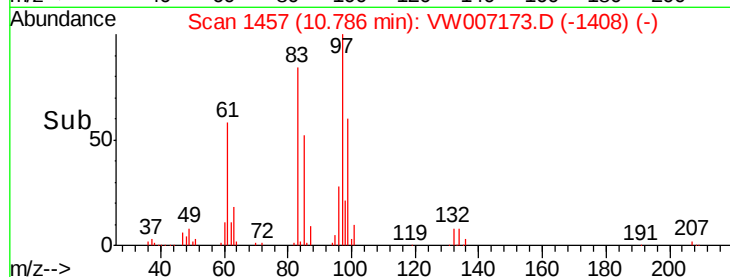
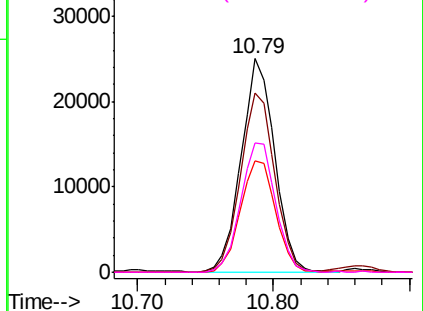
#55
 1,1,2-Trichloroethane
 Concen: 48.448 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	43142
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.0	100.4
85	51.9	41.5	62.3
99	60.5	48.4	72.6

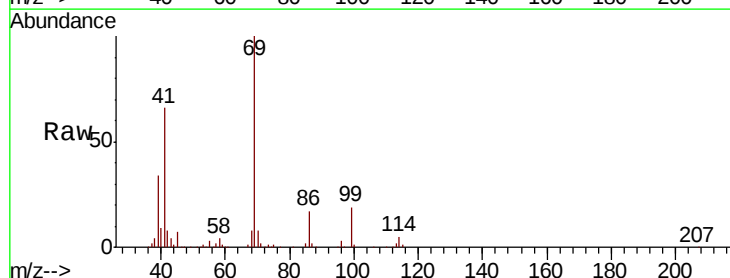


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

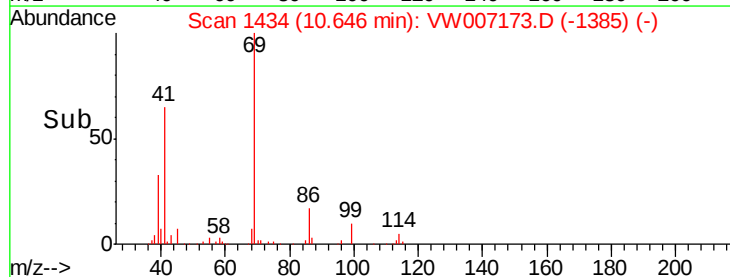
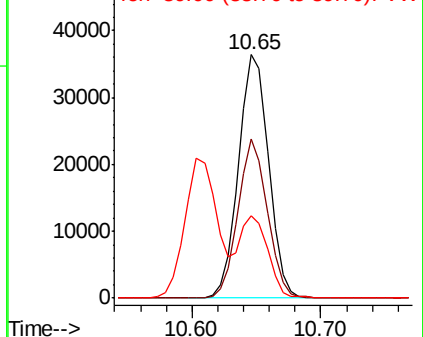


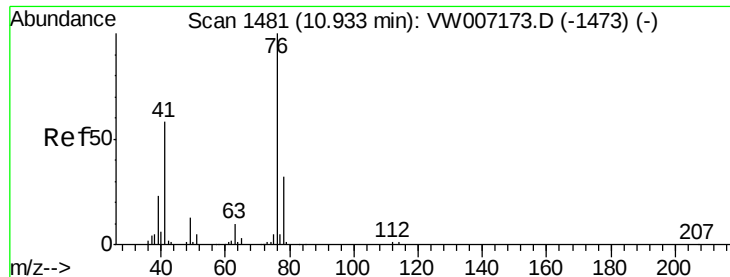
#56
 Ethyl methacrylate
 Concen: 56.327 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion:	69	Resp:	59076
Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.2	76.8
39	33.4	26.7	40.1



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

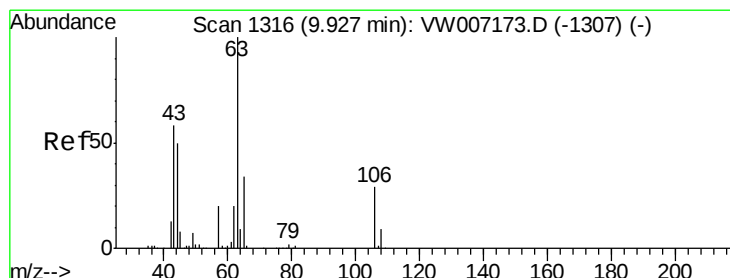
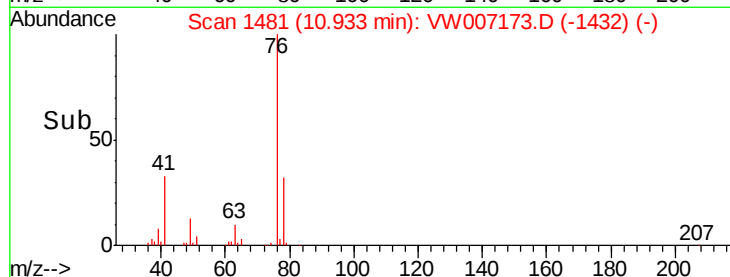
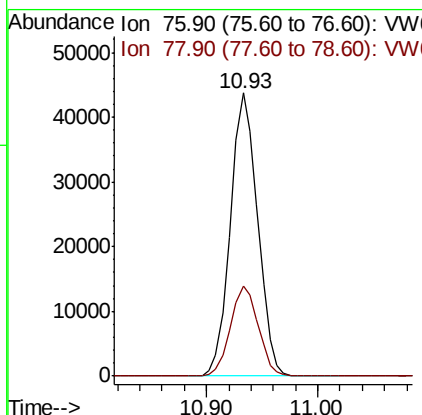
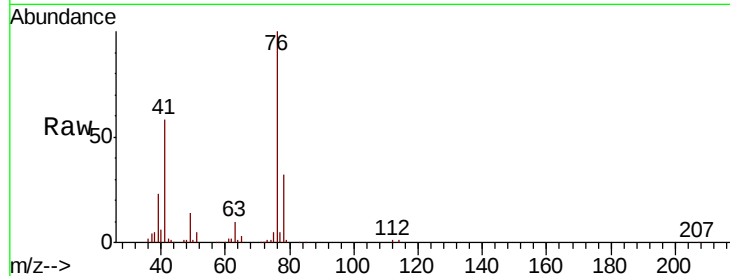




#57
 1,3-Dichloropropane
 Concen: 49.549 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

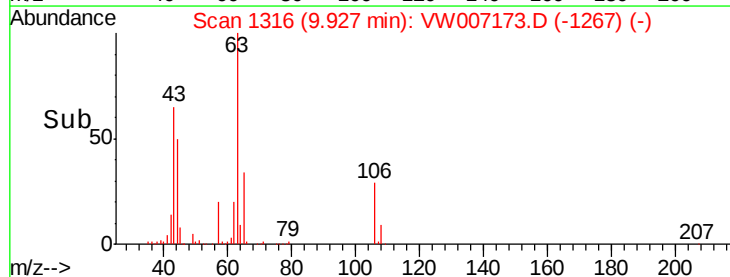
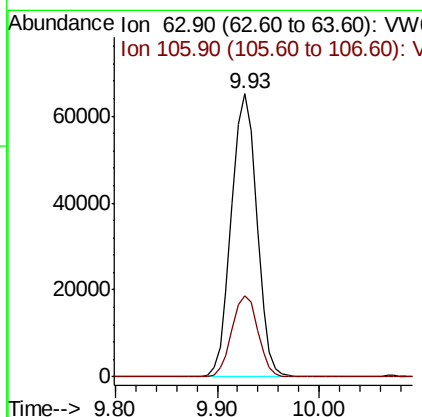
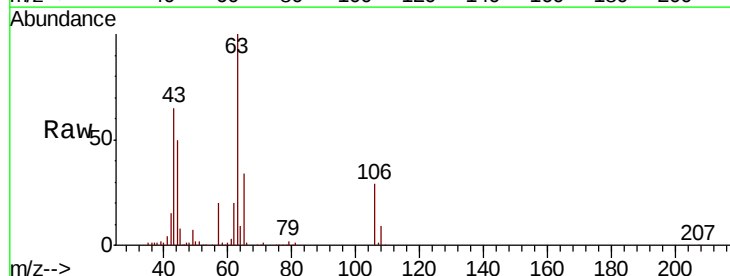
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

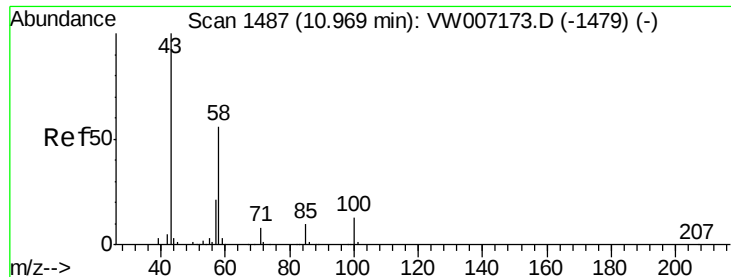
Tgt Ion: 76 Resp: 73975
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 212.084 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion: 63 Resp: 112552
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.5 35.3

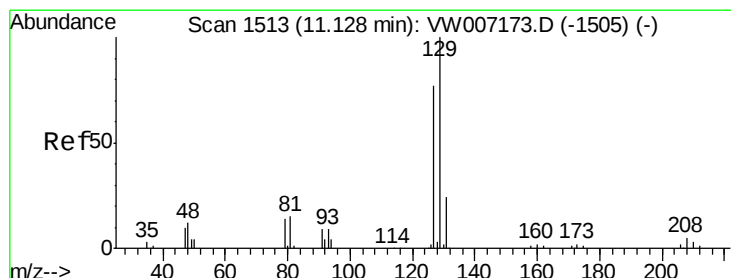
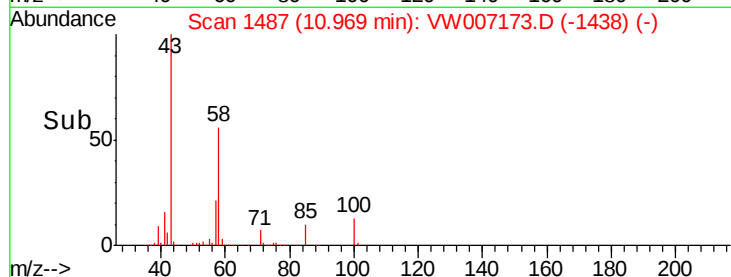
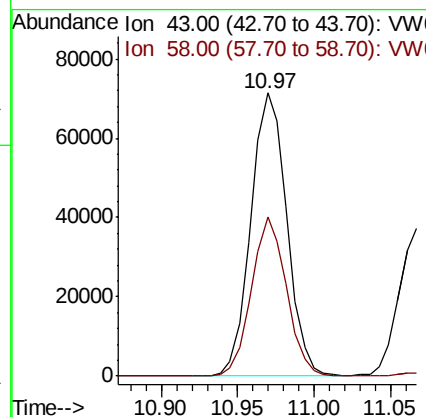
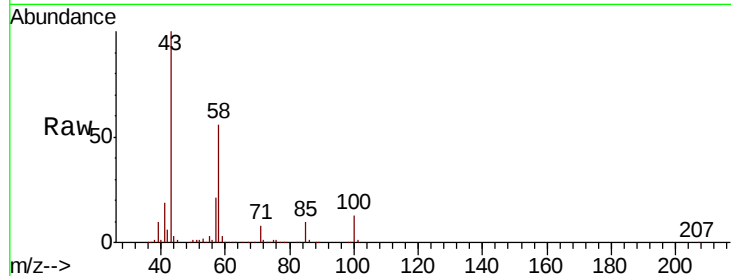




#59
2-Hexanone
Concen: 268.865 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

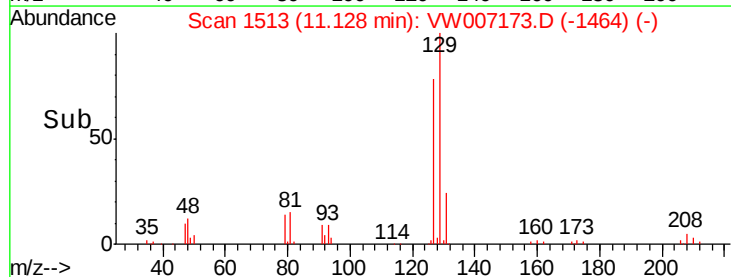
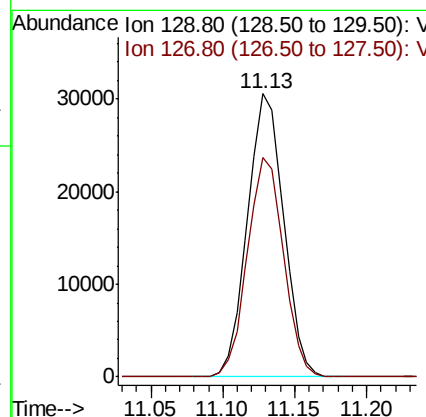
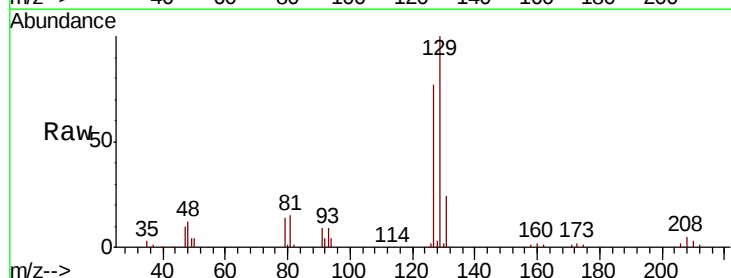
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

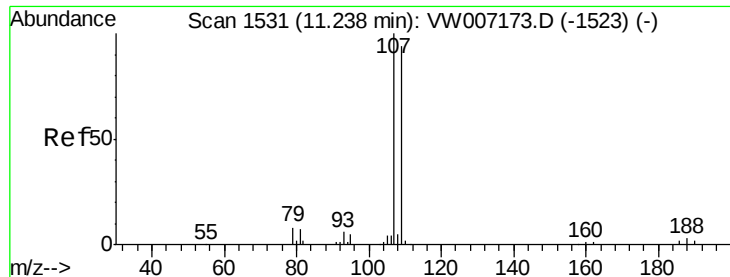
Tgt Ion: 43 Resp: 116687
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.9



#60
Dibromochloromethane
Concen: 52.060 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Tgt Ion: 129 Resp: 53228
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.589 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

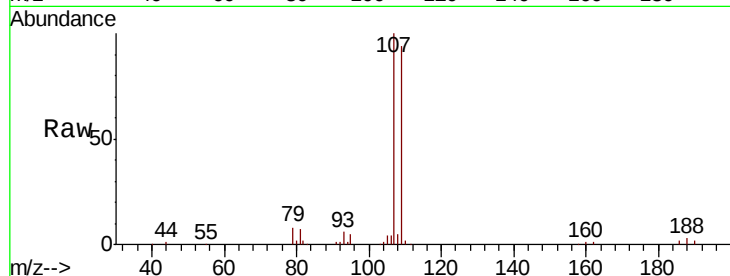
VSTDICCC050

Tgt Ion: 107 Resp: 43250

Ion Ratio Lower Upper

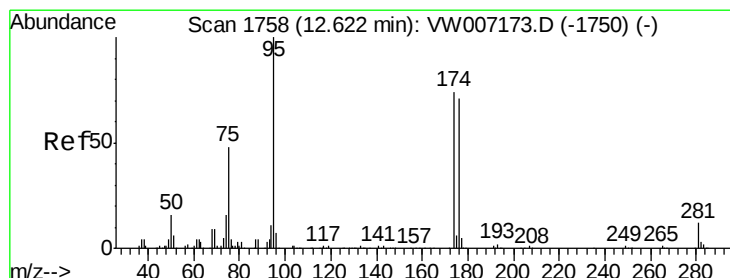
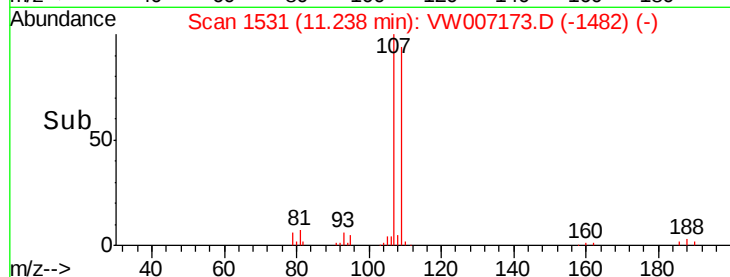
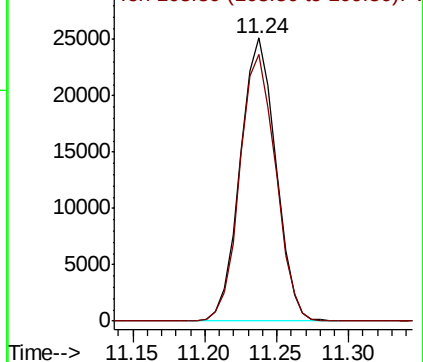
107 100

109 94.7 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.639 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

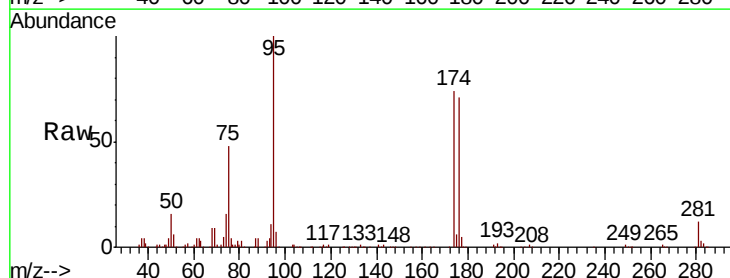
Tgt Ion: 95 Resp: 90135

Ion Ratio Lower Upper

95 100

174 74.2 0.0 148.4

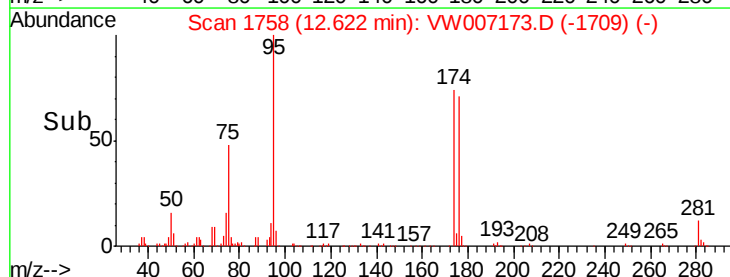
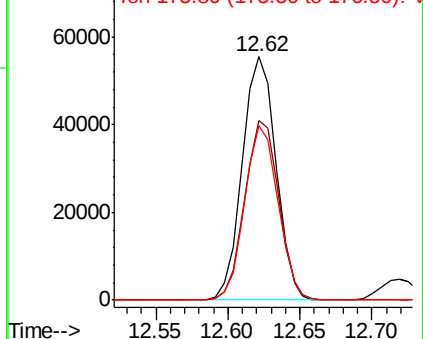
176 70.9 0.0 141.8

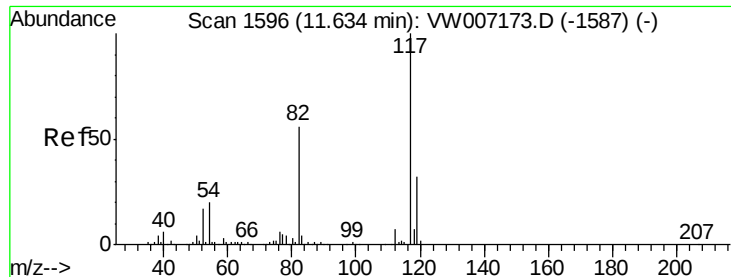


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

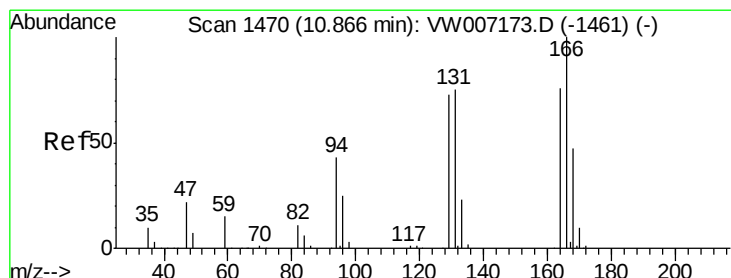
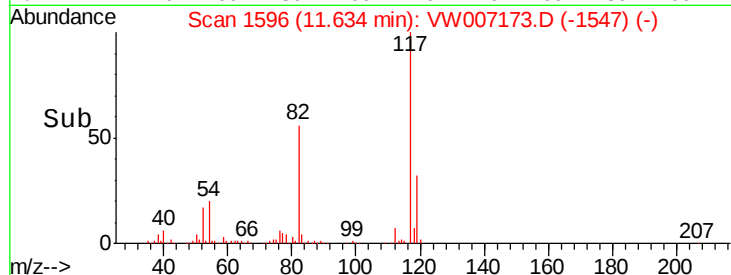
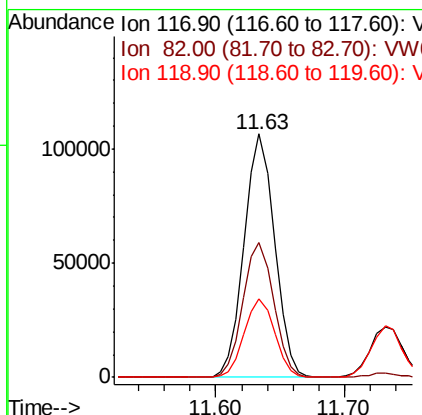
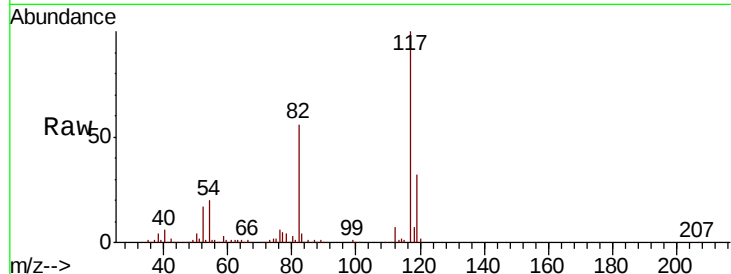




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

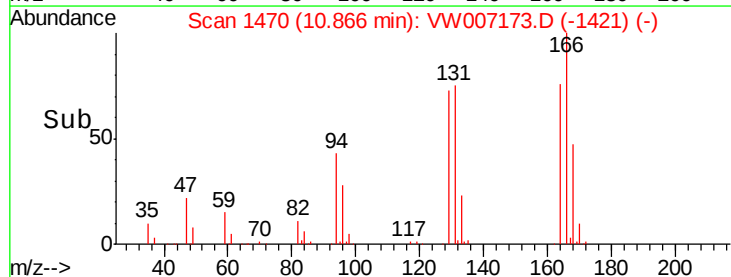
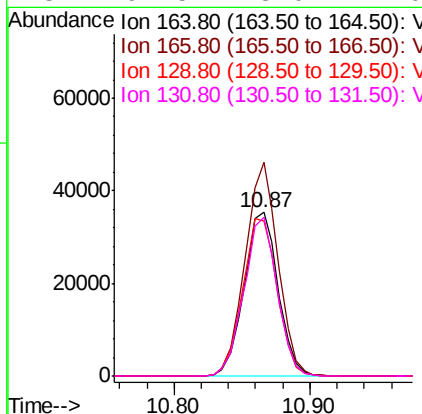
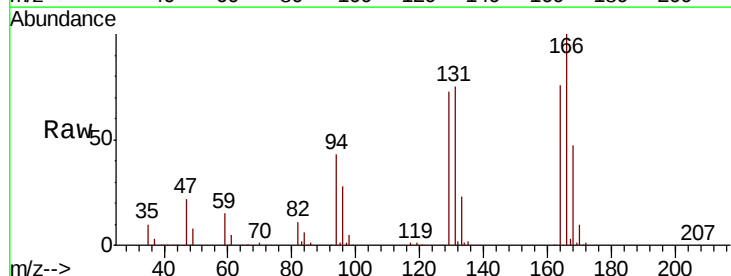
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

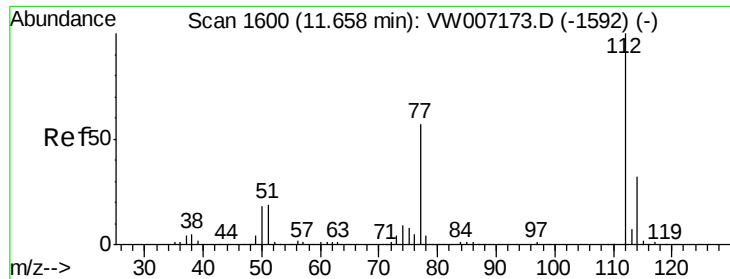
Tgt Ion:117 Resp: 174662
Ion Ratio Lower Upper
117 100
82 55.6 44.5 66.7
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 54.441 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Tgt Ion:164 Resp: 61724
Ion Ratio Lower Upper
164 100
166 130.8 104.6 157.0
129 95.1 76.1 114.1
131 97.5 78.0 117.0

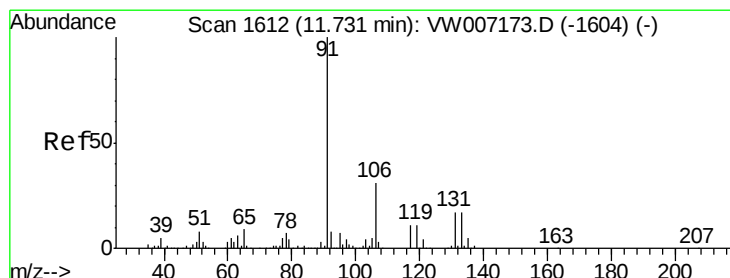
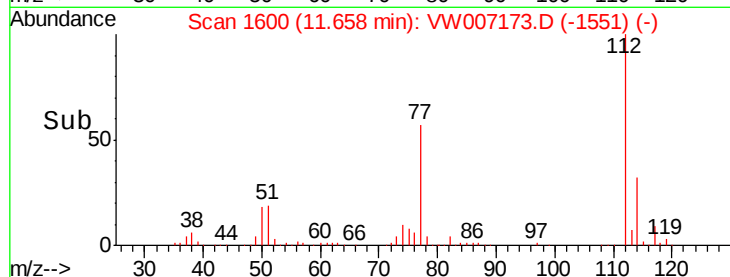
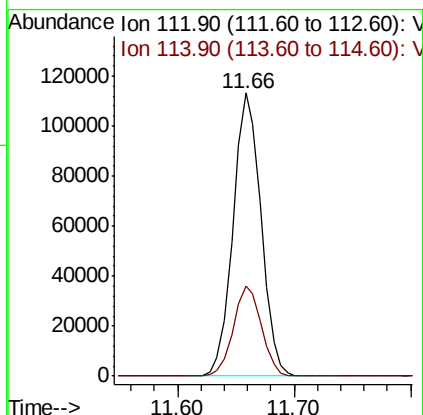
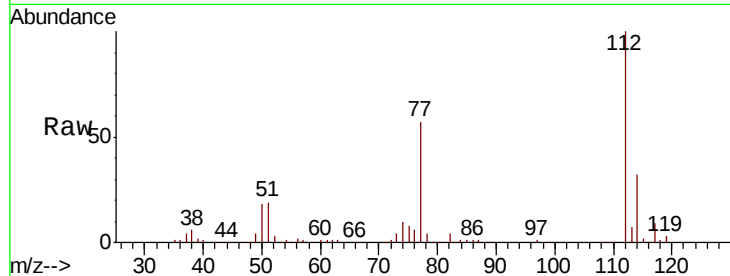




#65
Chlorobenzene
Concen: 52.146 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

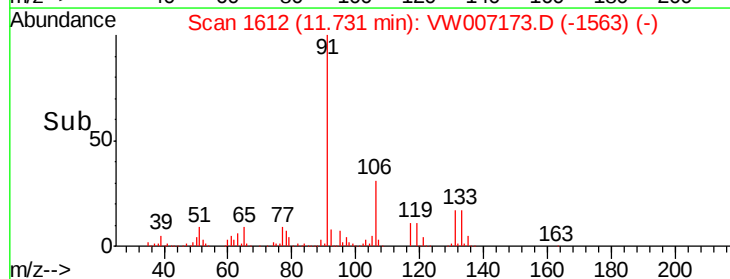
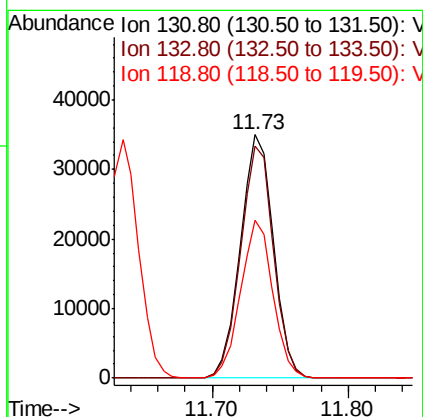
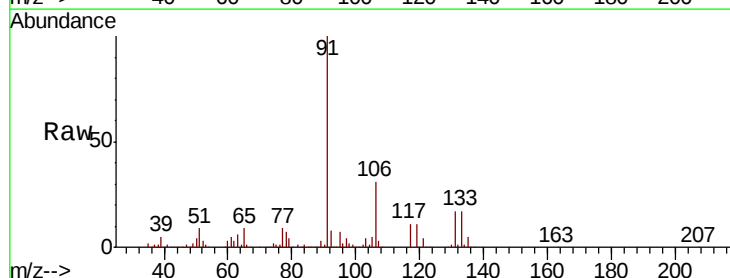
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

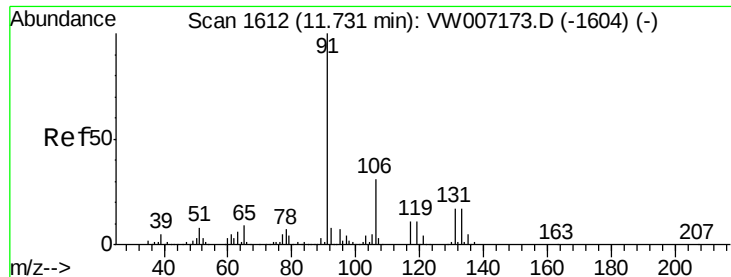
Tgt Ion:112 Resp: 189418
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.330 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Tgt Ion:131 Resp: 59381
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 63.4 31.7 95.1

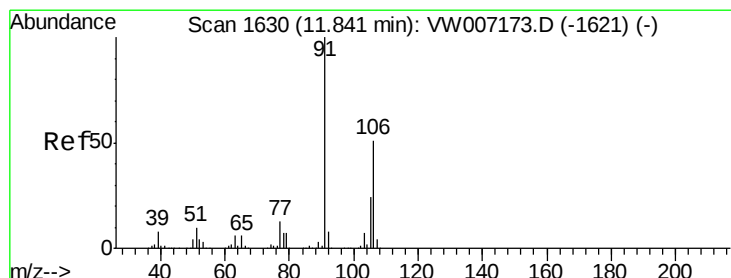
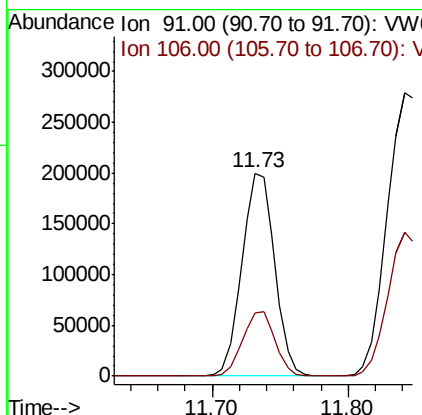
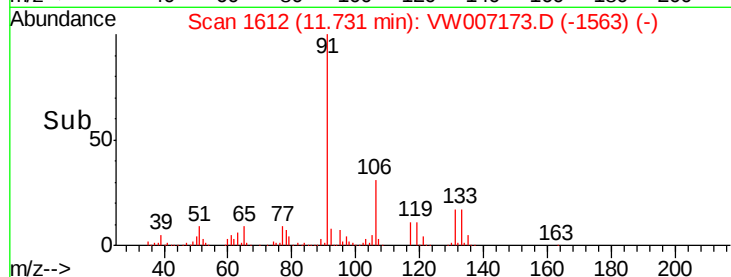
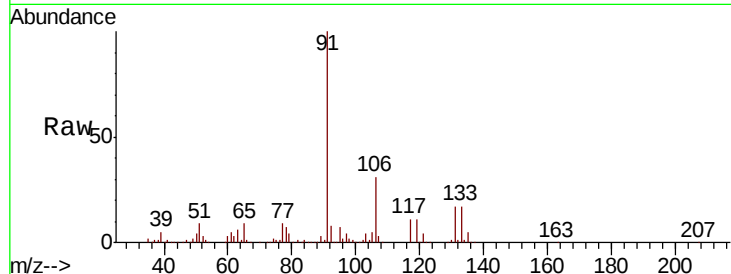




#67
Ethyl Benzene
Concen: 50.537 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

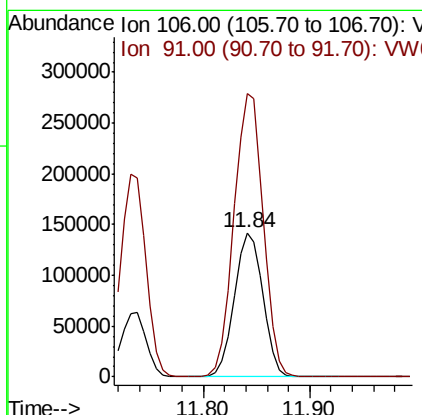
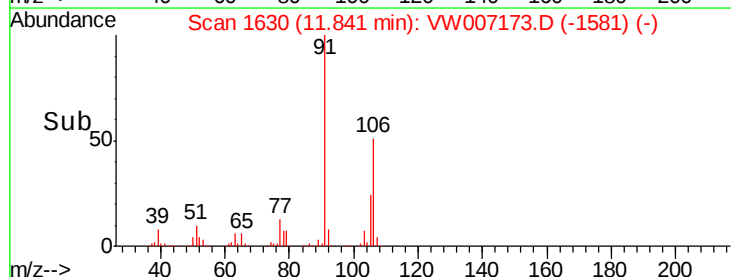
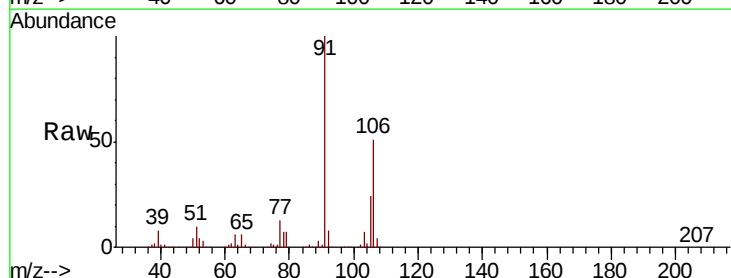
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

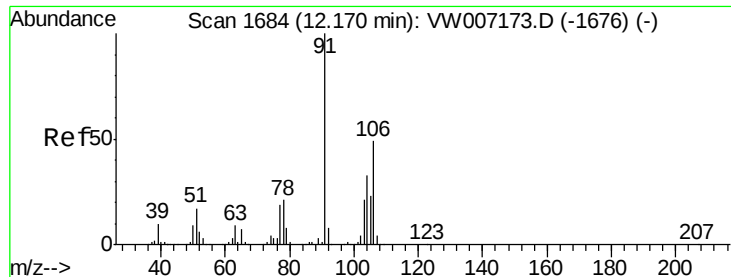
Tgt Ion: 91 Resp: 336604
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 102.051 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Tgt Ion: 106 Resp: 266868
Ion Ratio Lower Upper
106 100
91 201.8 161.4 242.2

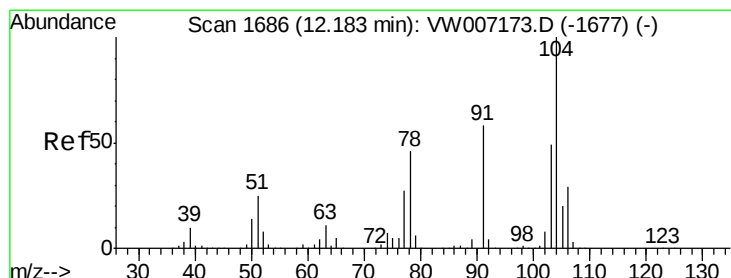
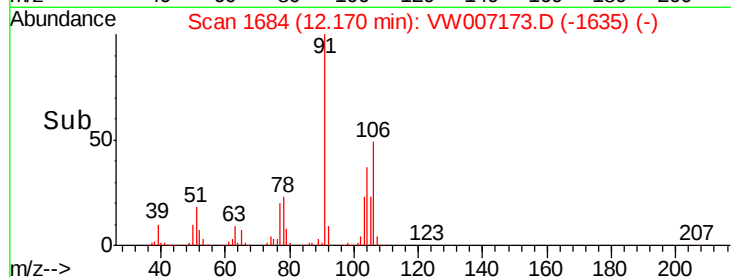
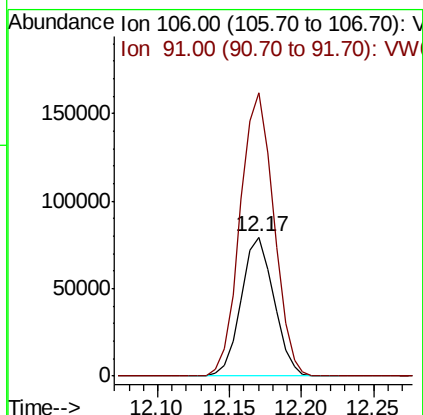
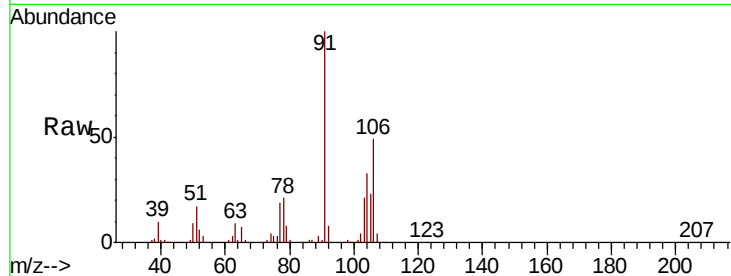




#69
o-Xylene
Concen: 51.122 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

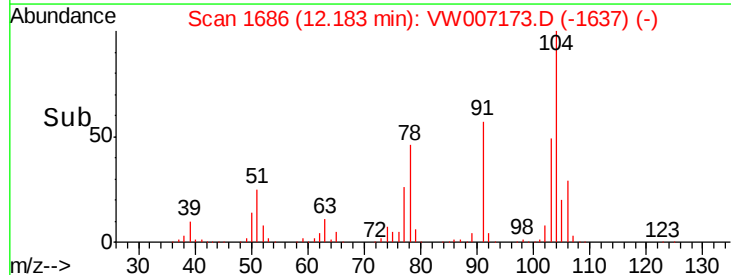
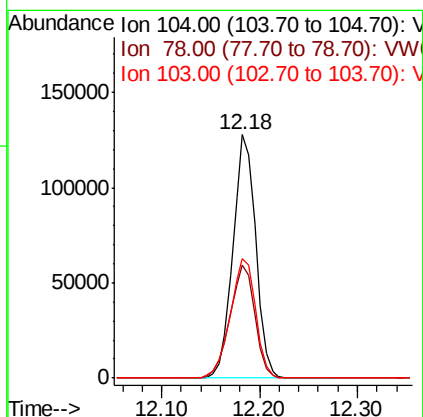
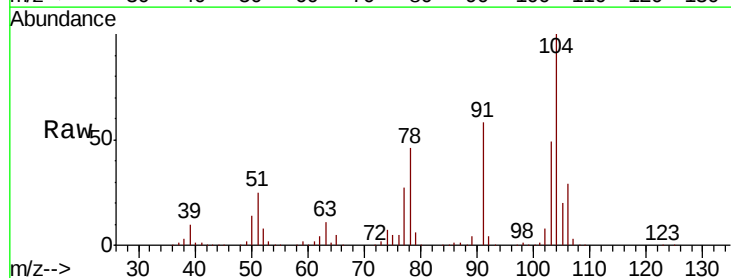
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

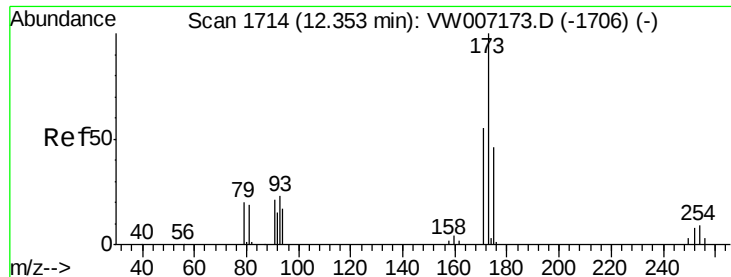
Tgt Ion:106 Resp: 125979
Ion Ratio Lower Upper
106 100
91 209.2 104.6 313.8



#70
Styrene
Concen: 52.452 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Tgt Ion:104 Resp: 206392
Ion Ratio Lower Upper
104 100
78 50.9 40.7 61.1
103 54.6 43.7 65.5





#71

Bromoform

Concen: 56.144 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

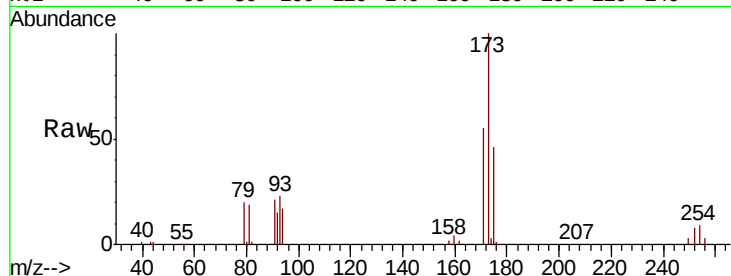
Tgt Ion:173 Resp: 29731

Ion Ratio Lower Upper

173 100

175 47.0 23.5 70.5

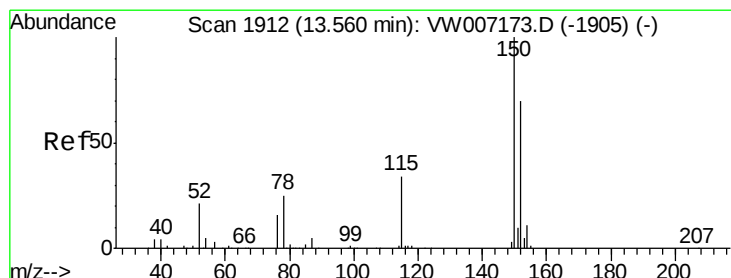
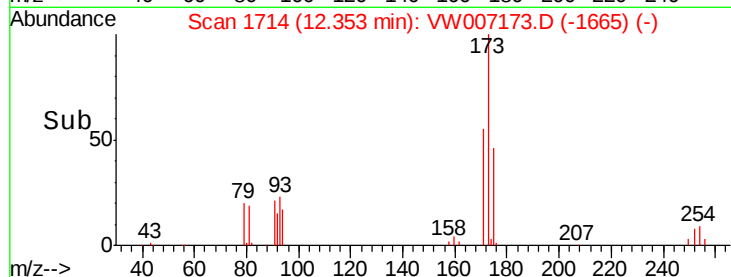
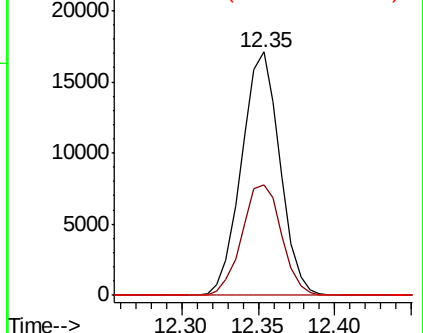
254 0.0 0.0 0.0



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: VW007173.D

Acq: 04 Dec 2018 01:18

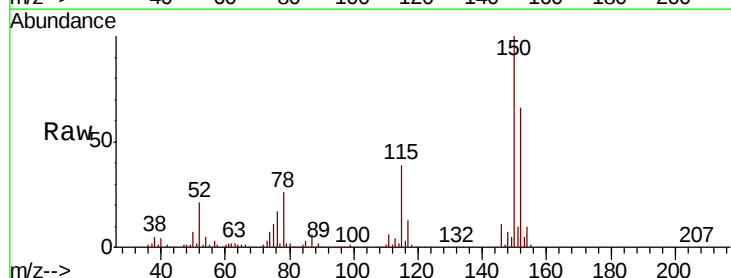
Tgt Ion:152 Resp: 89906

Ion Ratio Lower Upper

152 100

115 59.3 29.6 88.9

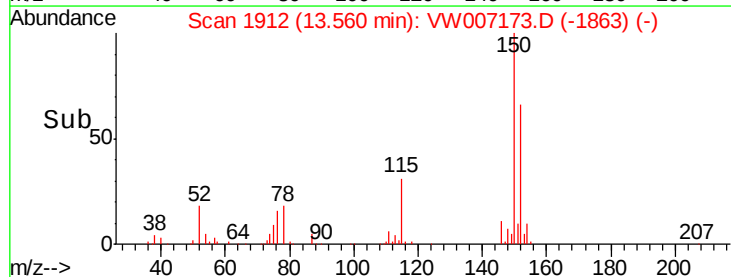
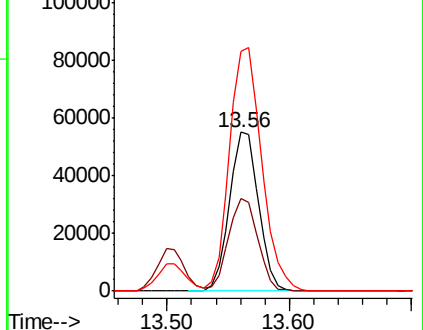
150 170.8 0.0 341.6

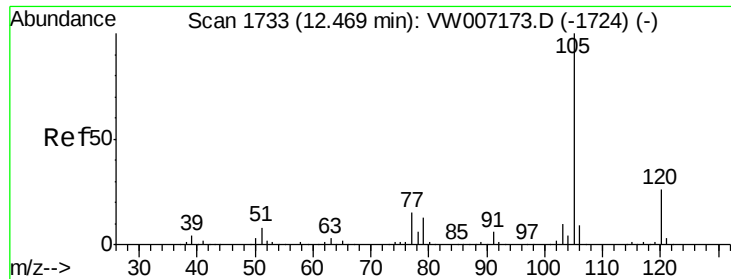


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.046 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

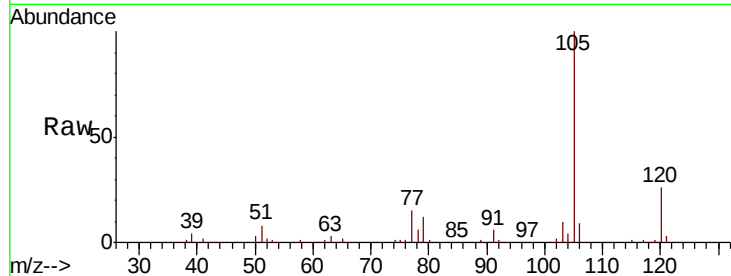
VSTDICCC050

Tgt Ion: 105 Resp: 338666

Ion Ratio Lower Upper

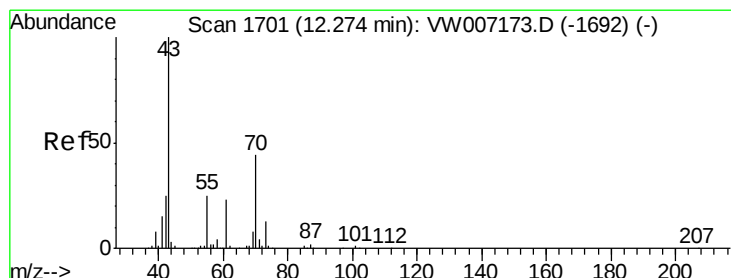
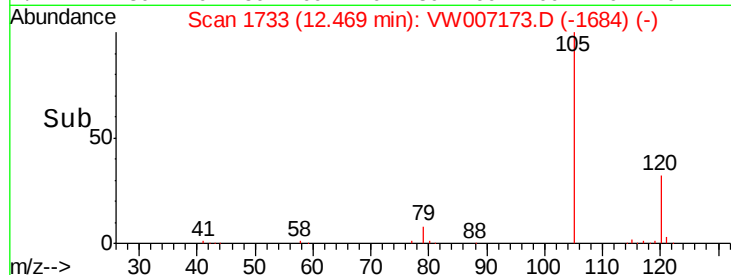
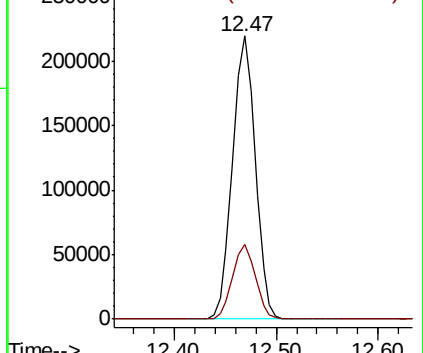
105 100

120 26.3 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.241 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

Tgt Ion: 43 Resp: 66294

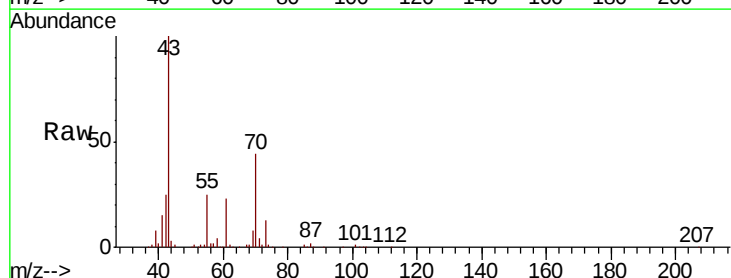
Ion Ratio Lower Upper

43 100

70 43.9 35.1 52.7

55 24.3 19.4 29.2

61 24.3 19.4 29.2

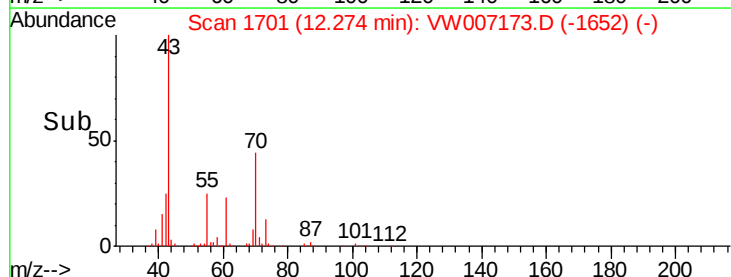
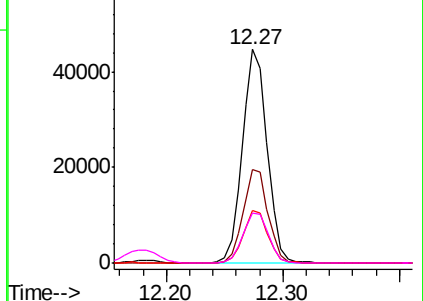


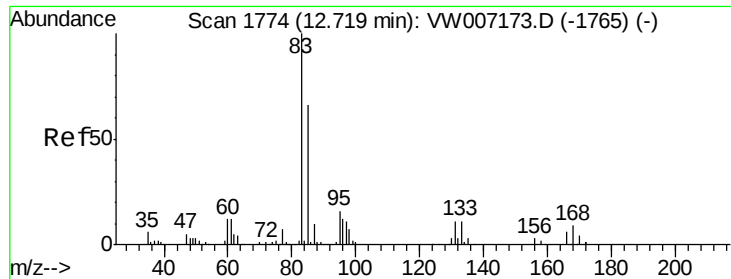
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 51.787 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

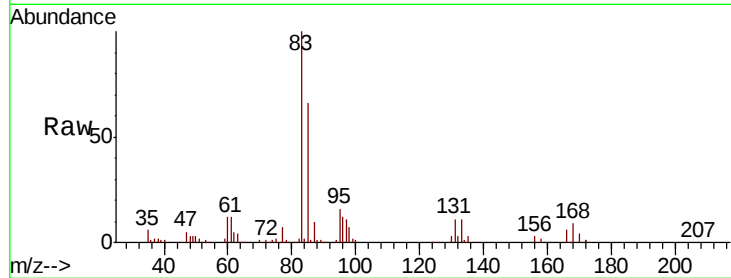
Tgt Ion: 83 Resp: 48239

Ion Ratio Lower Upper

83 100

131 12.4 6.2 18.6

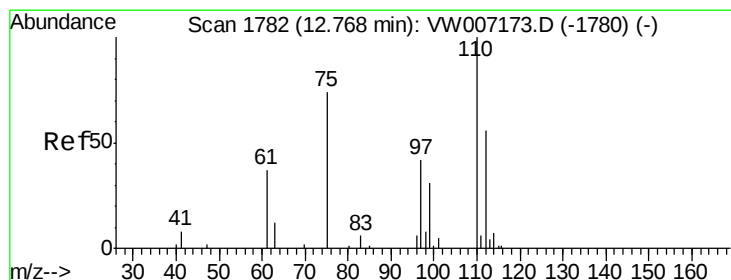
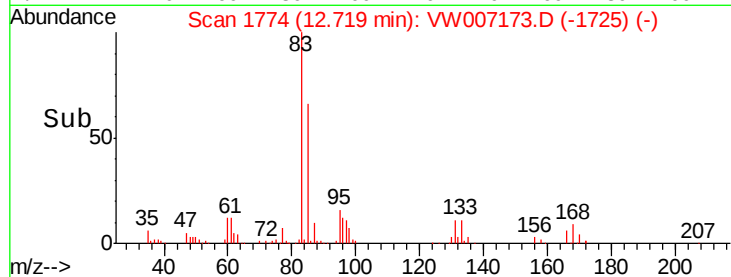
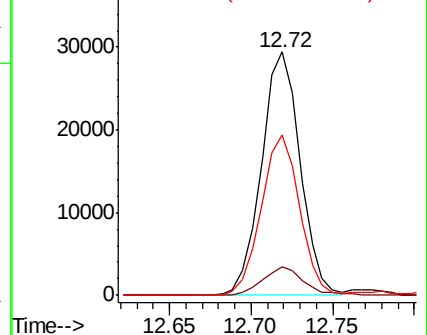
85 65.3 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 91.128 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW007173.D

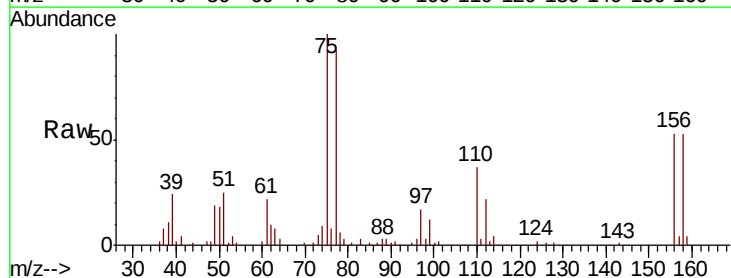
Acq: 04 Dec 2018 01:18

Tgt Ion: 75 Resp: 66417

Ion Ratio Lower Upper

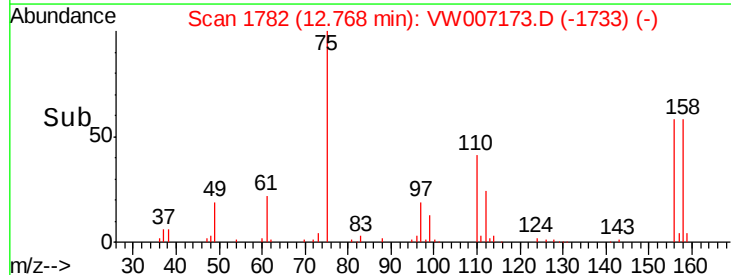
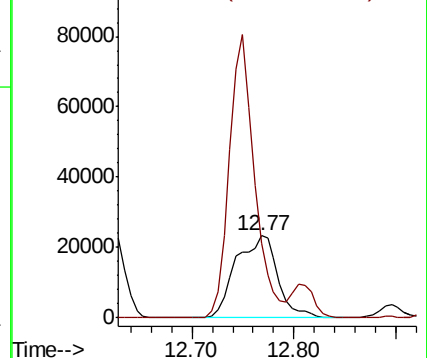
75 100

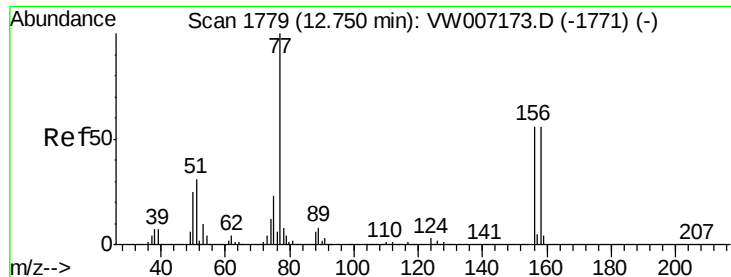
77 209.2 186.5 559.5



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

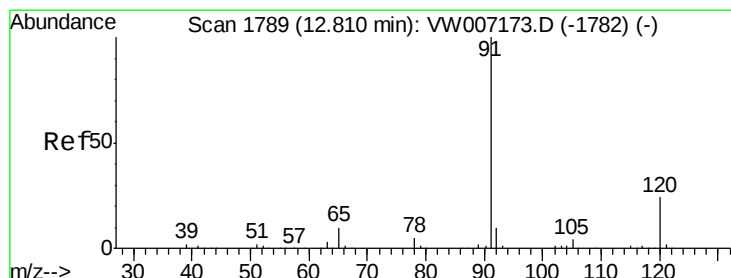
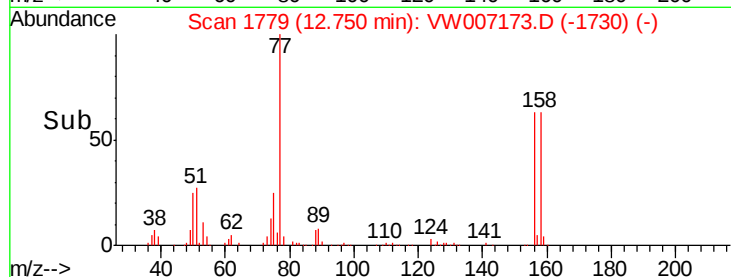
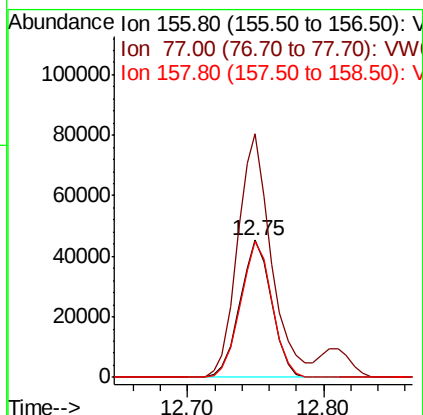
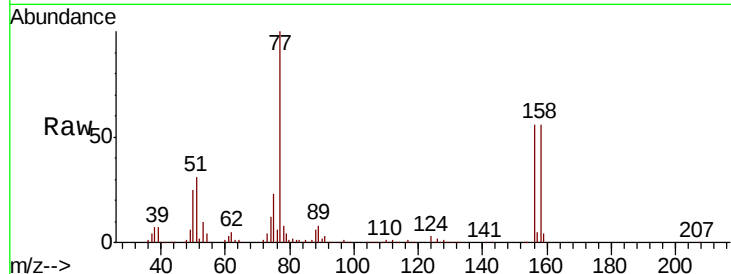




#77
Bromobenzene
Concen: 49.171 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

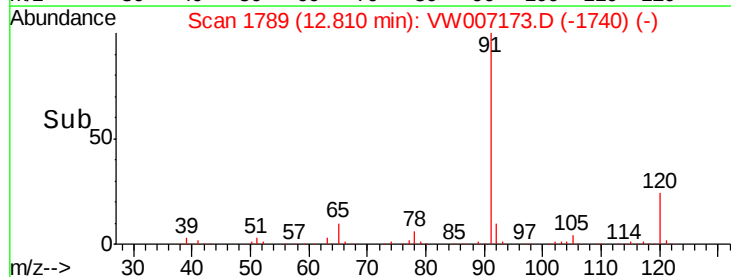
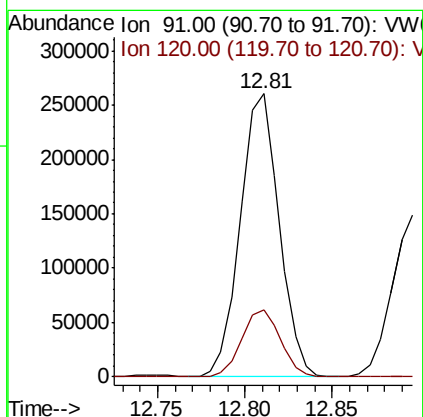
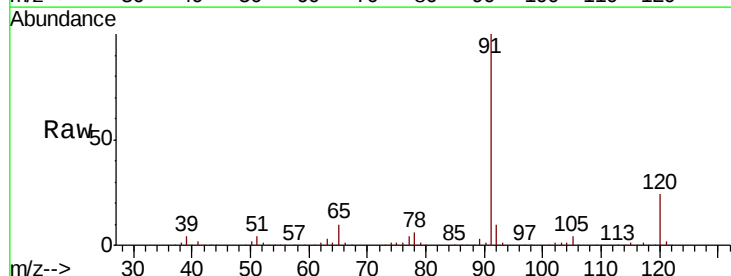
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

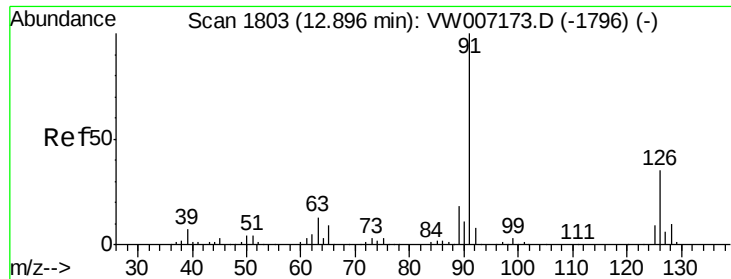
Tgt Ion: 156 Resp: 73112
Ion Ratio Lower Upper
156 100
77 190.1 95.0 285.2
158 99.4 49.7 149.1



#78
n-propylbenzene
Concen: 48.066 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Tgt Ion: 91 Resp: 401068
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.9

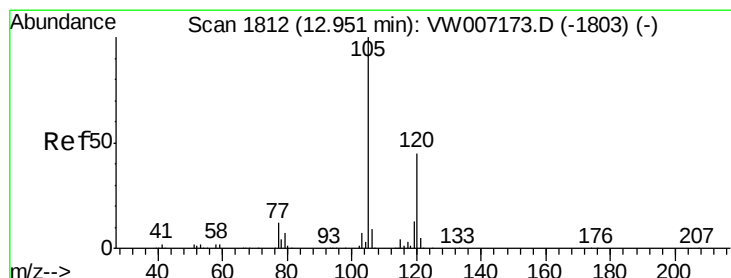
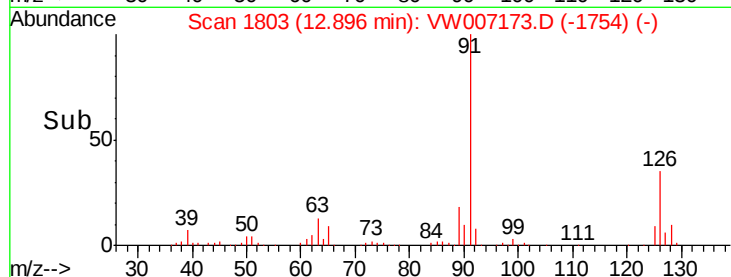
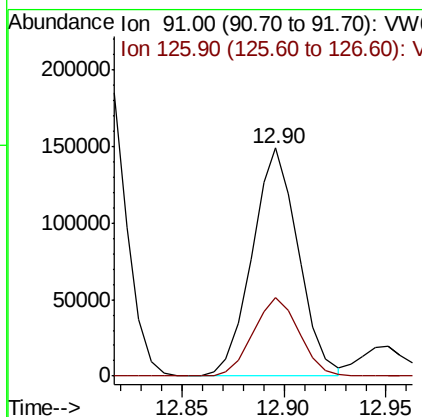
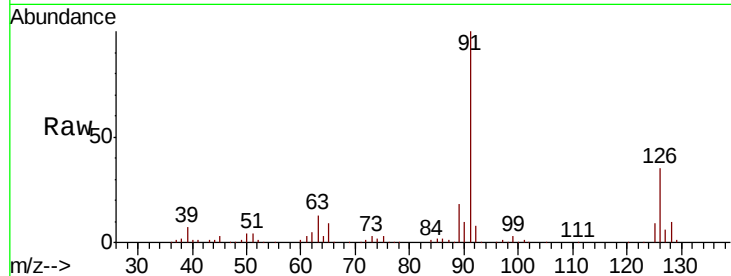




#79
 2-Chlorotoluene
 Concen: 48.321 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

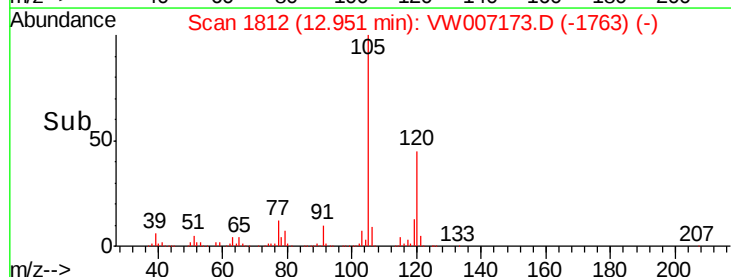
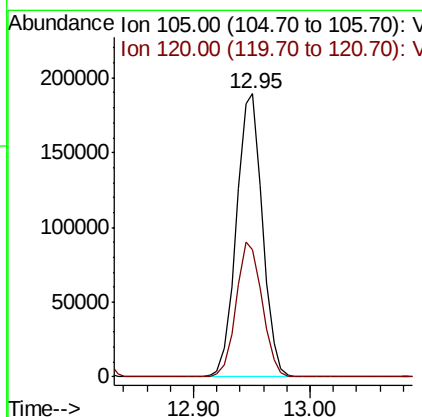
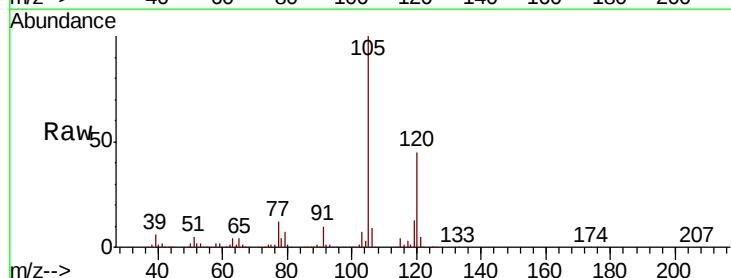
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

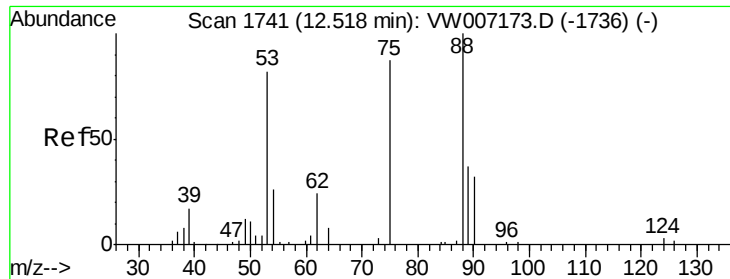
Tgt Ion: 91 Resp: 232901
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 49.110 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion: 105 Resp: 293215
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.9 71.8

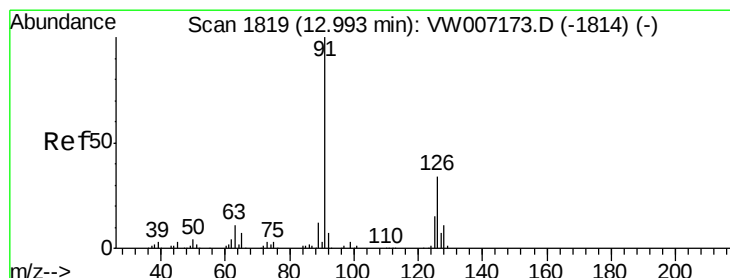
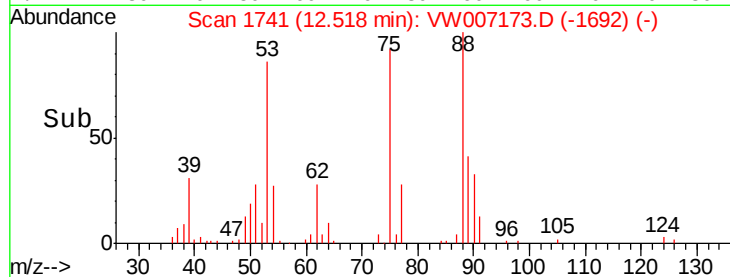
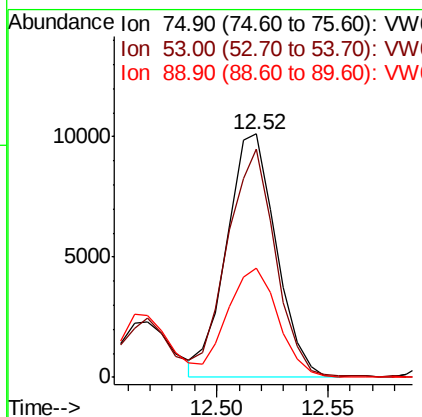
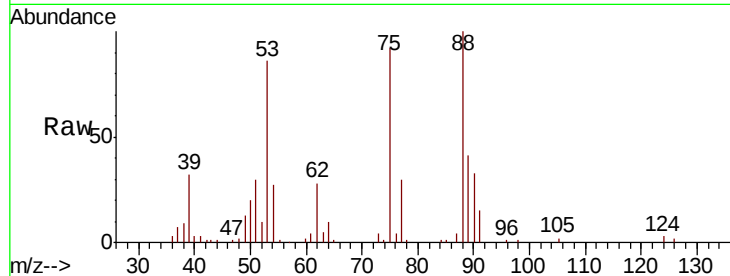




#81
trans-1,4-Dichloro-2-butene
Concen: 55.160 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

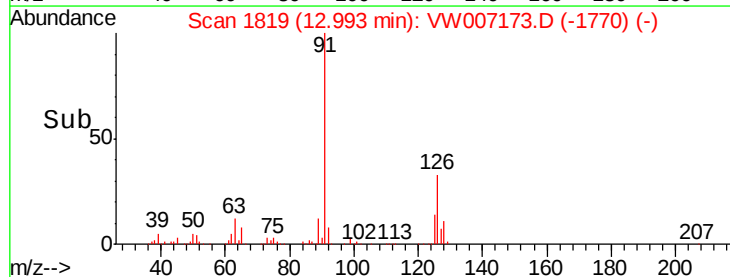
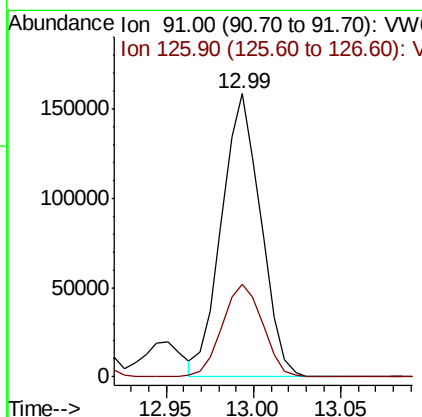
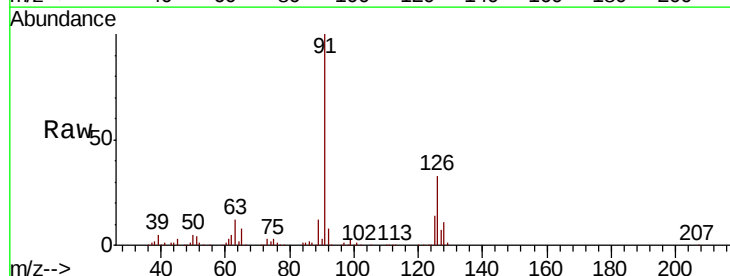
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

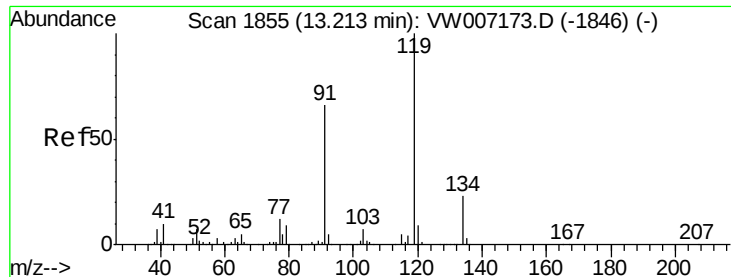
Tgt Ion: 75 Resp: 15660
Ion Ratio Lower Upper
75 100
53 91.9 73.5 110.3
89 45.5 36.4 54.6



#82
4-Chlorotoluene
Concen: 48.496 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Tgt Ion: 91 Resp: 244993
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.7

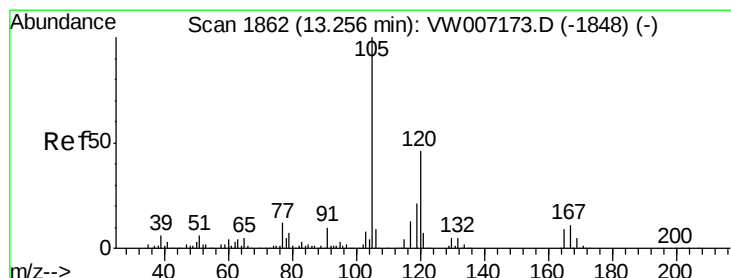
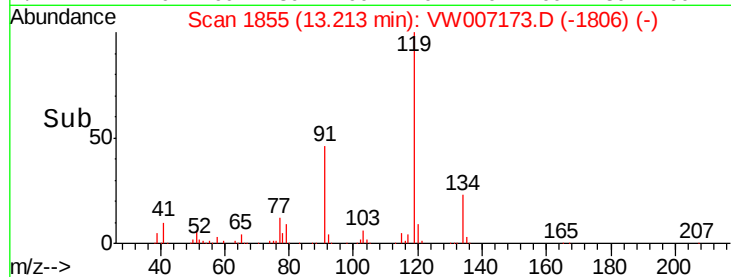
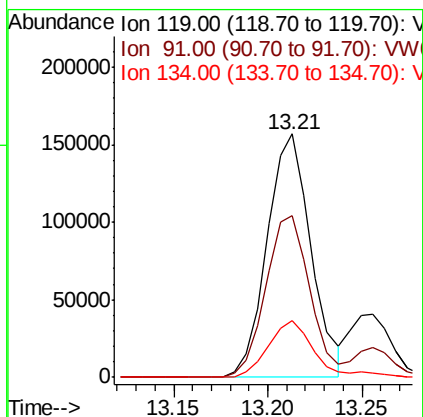
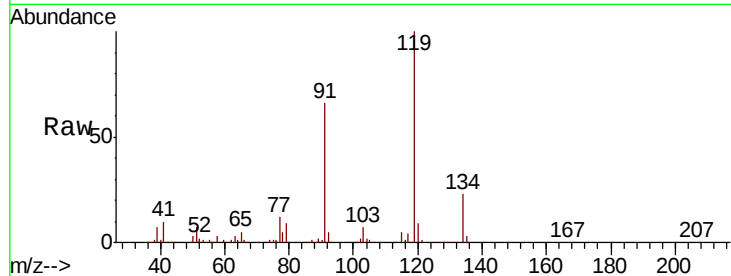




#83
 tert-Butylbenzene
 Concen: 49.028 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

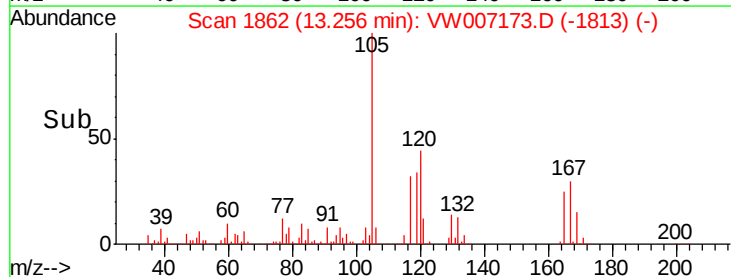
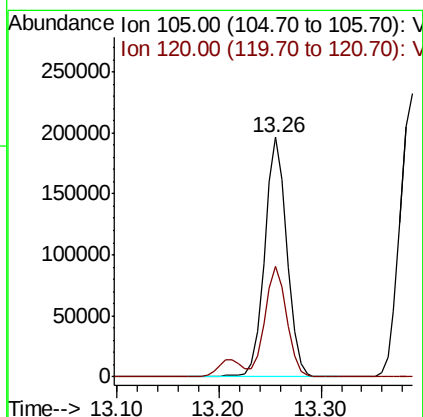
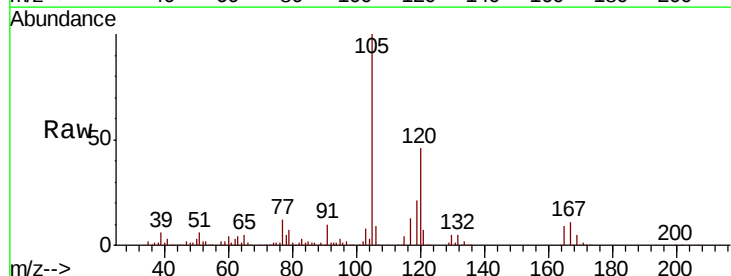
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

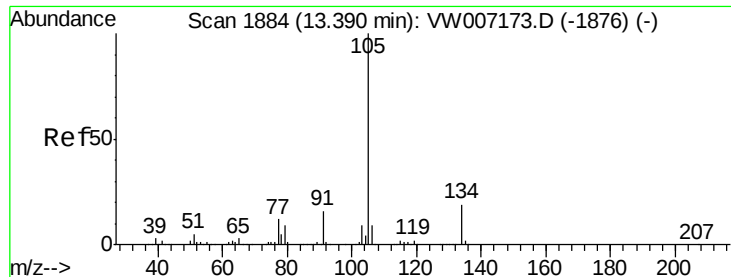
Tgt Ion:119 Resp: 253850
 Ion Ratio Lower Upper
 119 100
 91 66.5 33.3 99.8
 134 24.6 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.685 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion:105 Resp: 295923
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.0

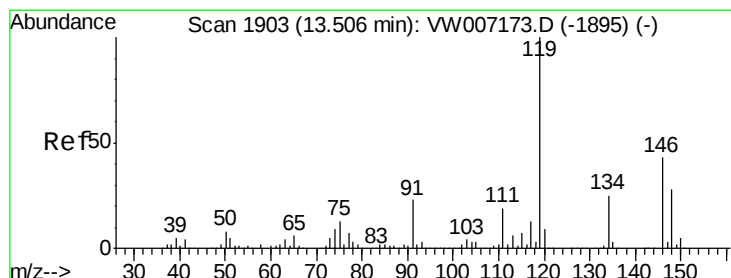
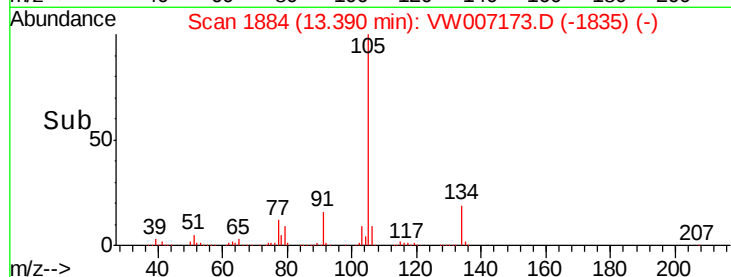
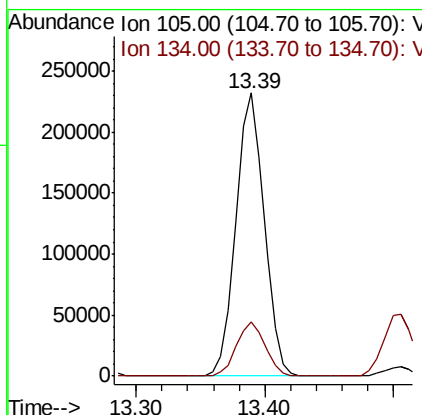
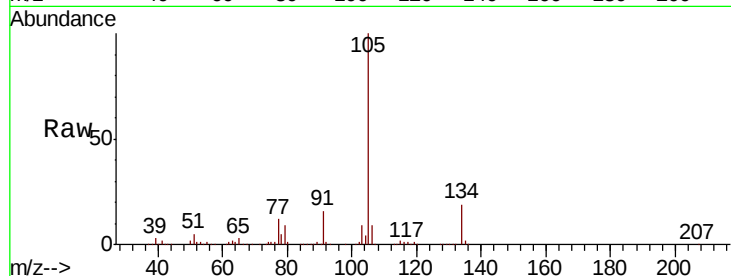




#85
 sec-Butylbenzene
 Concen: 48.584 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

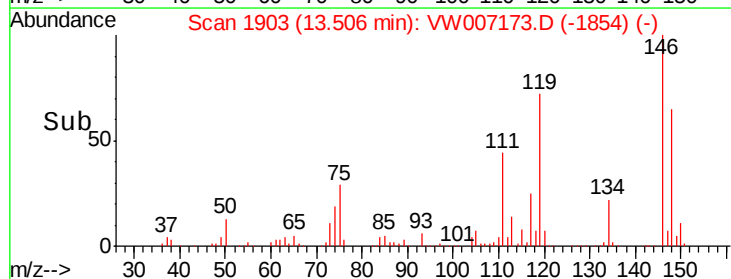
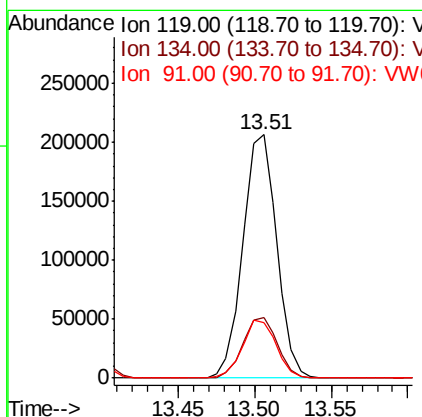
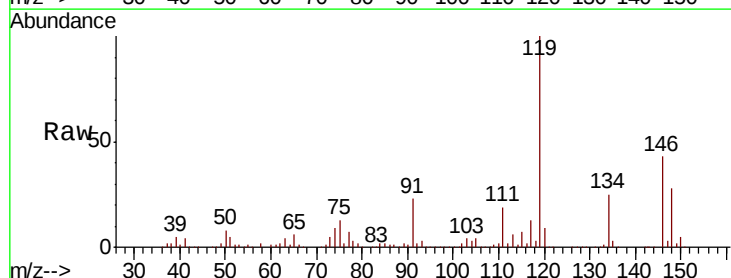
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

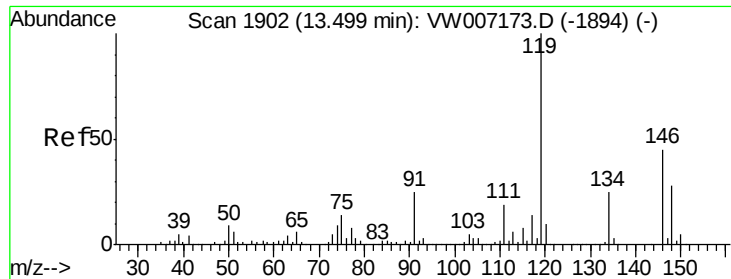
Tgt Ion:105 Resp: 354243
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 49.081 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion:119 Resp: 316102
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.0
 91 23.8 11.9 35.7

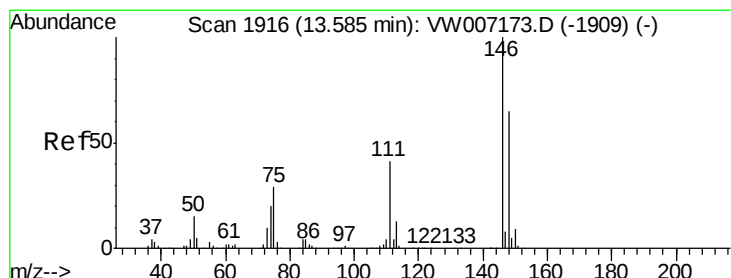
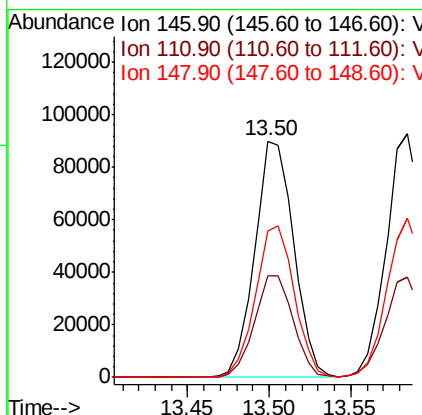
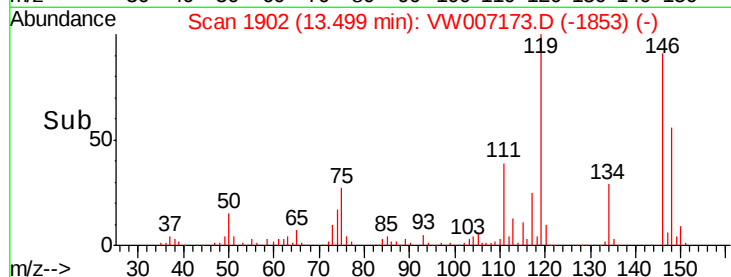
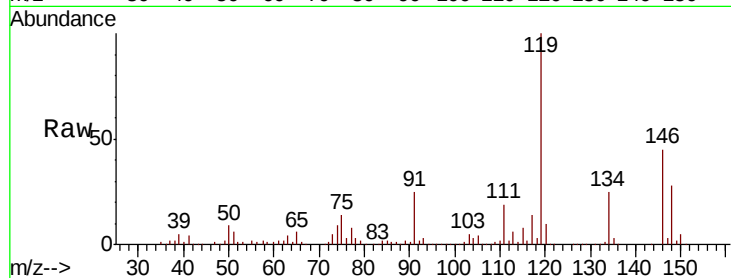




#87
 1,3-Dichlorobenzene
 Concen: 49.238 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

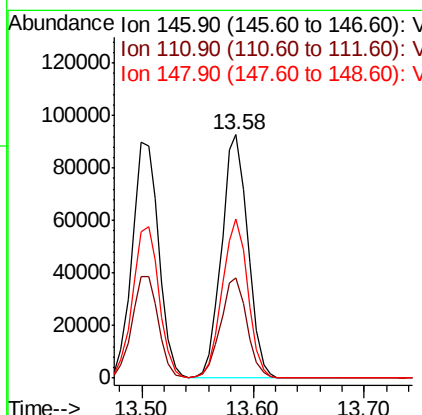
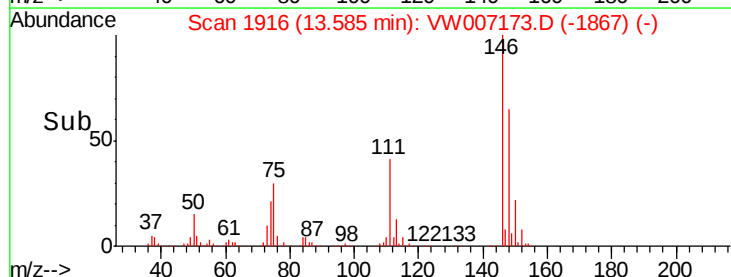
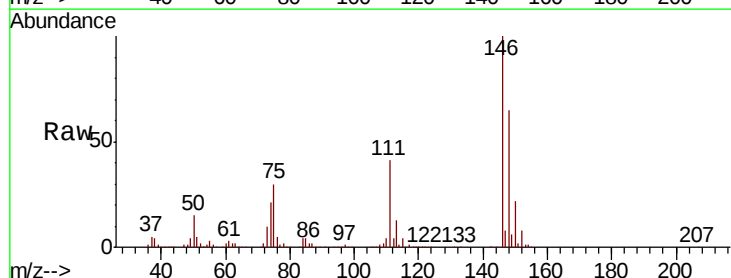
Instrument :
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 ClientSampleId :
 VSTDICCC050

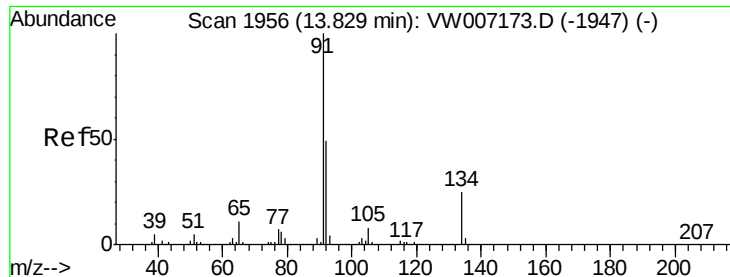
Tgt Ion:146 Resp: 149091
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.4 64.3
 148 63.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 49.957 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion:146 Resp: 151641
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.6 61.9
 148 63.7 31.9 95.5





#89

n-Butylbenzene

Concen: 49.391 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW007173.D

Acq: 04 Dec 2018 01:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

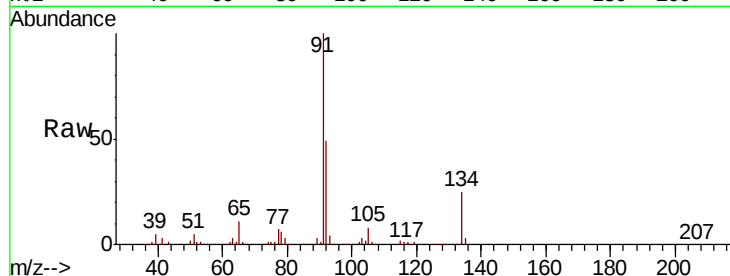
Tgt Ion: 91 Resp: 298820

Ion Ratio Lower Upper

91 100

92 50.9 25.4 76.4

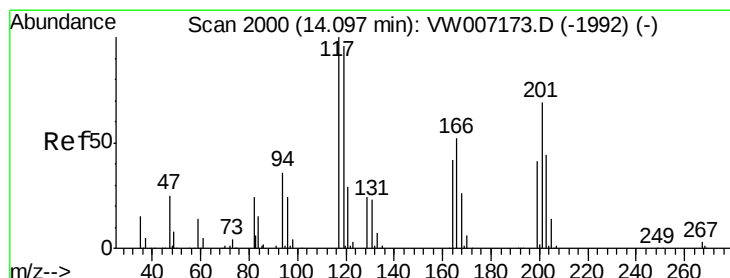
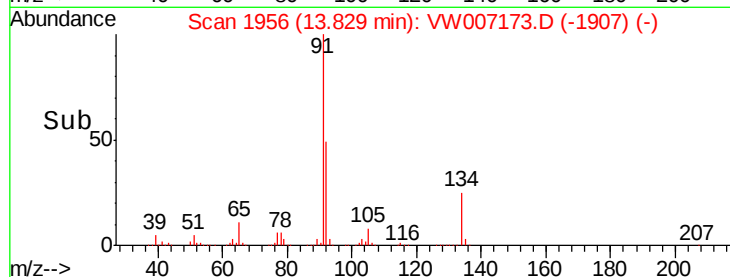
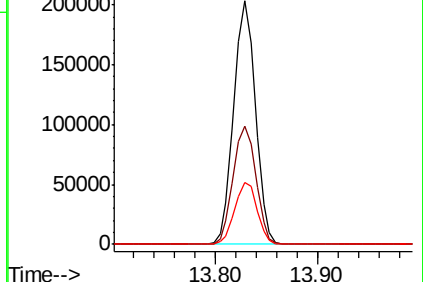
134 26.1 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): VW



#90

Hexachloroethane

Concen: 51.019 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW007173.D

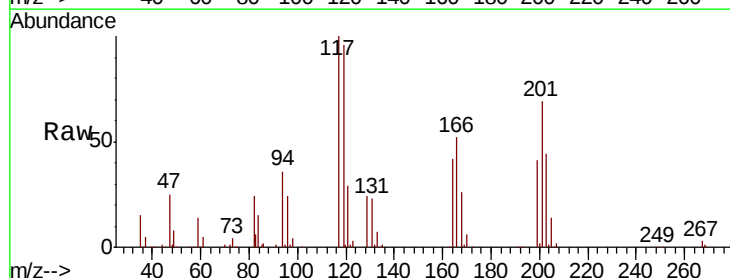
Acq: 04 Dec 2018 01:18

Tgt Ion: 117 Resp: 48574

Ion Ratio Lower Upper

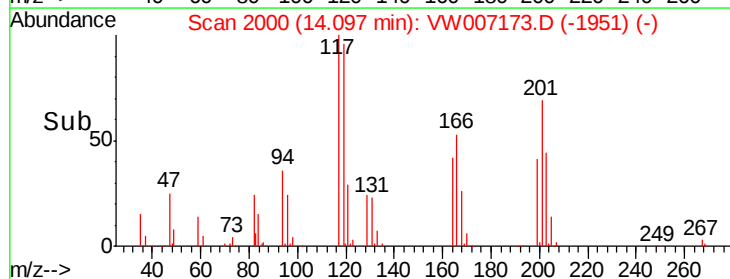
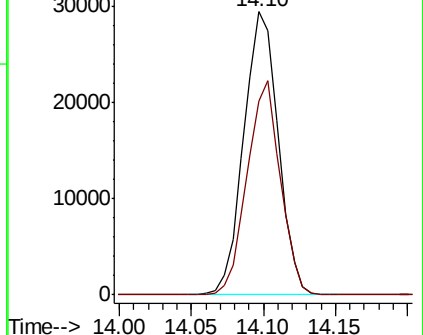
117 100

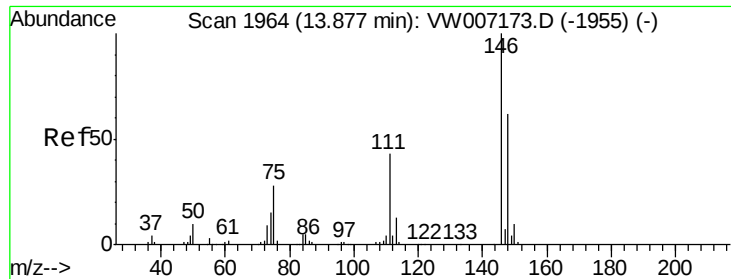
201 73.0 36.5 109.5



Abundance Ion 116.80 (116.50 to 117.50): VW

Ion 200.70 (200.40 to 201.40): VW

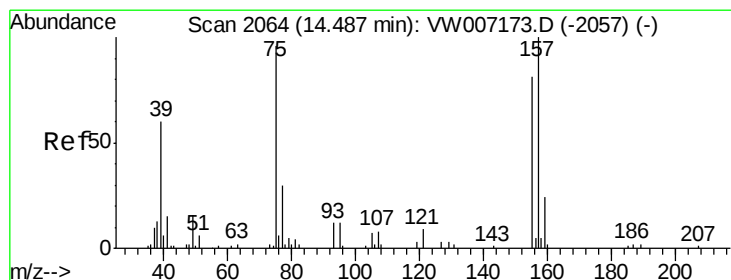
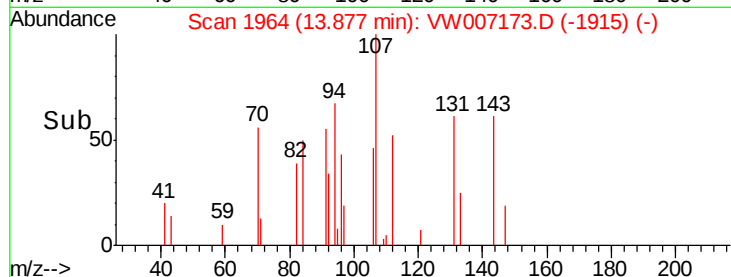
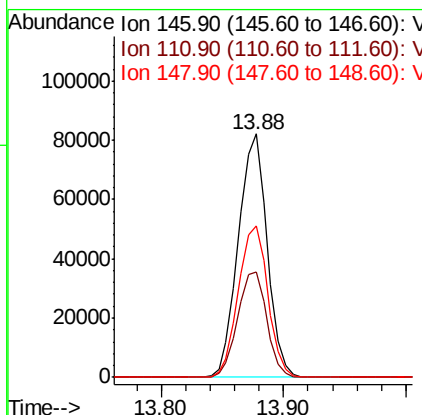
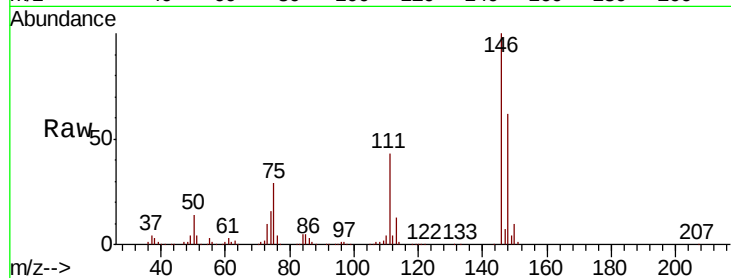




#91
 1,2-Dichlorobenzene
 Concen: 50.347 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

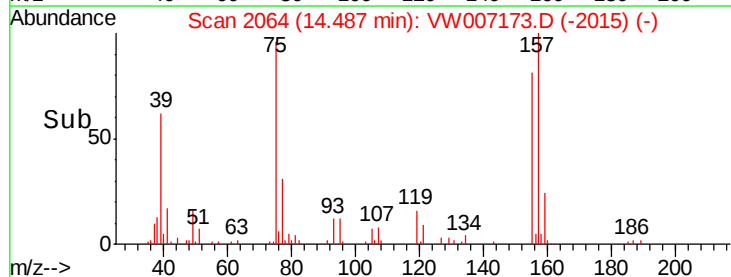
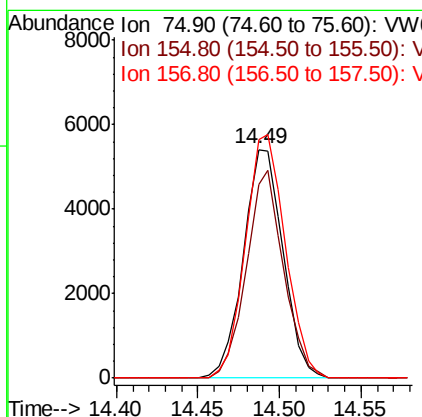
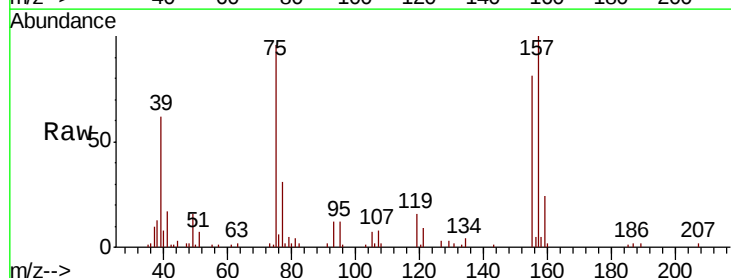
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

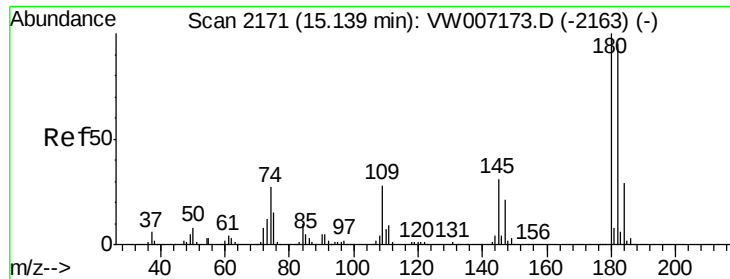
Tgt Ion: 146 Resp: 134067
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.9 65.7
 148 63.9 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.134 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion: 75 Resp: 9148
 Ion Ratio Lower Upper
 75 100
 155 85.2 42.6 127.8
 157 107.2 53.6 160.8

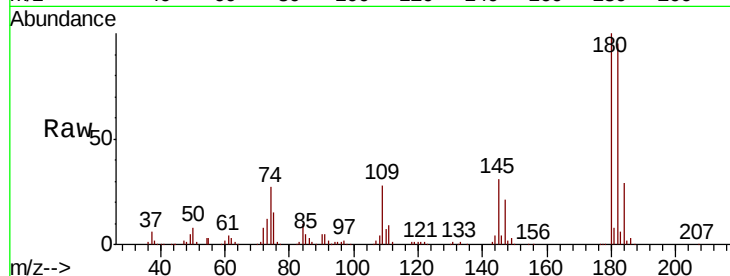




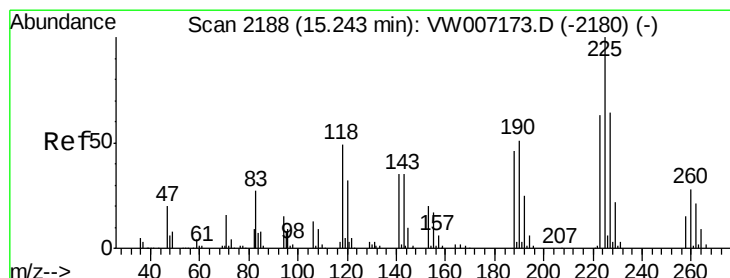
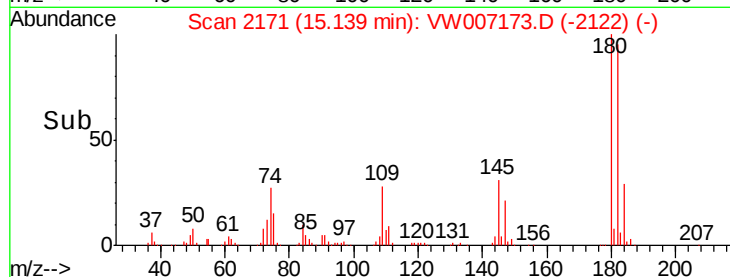
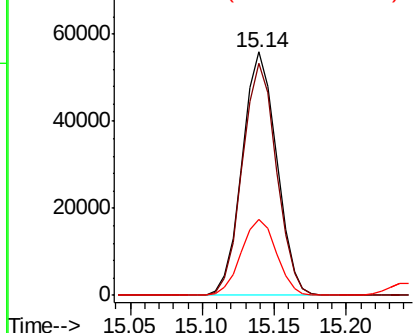
#93
 1,2,4-Trichlorobenzene
 Concen: 52.323 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 92530
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.1 141.4
 145 32.2 16.1 48.3

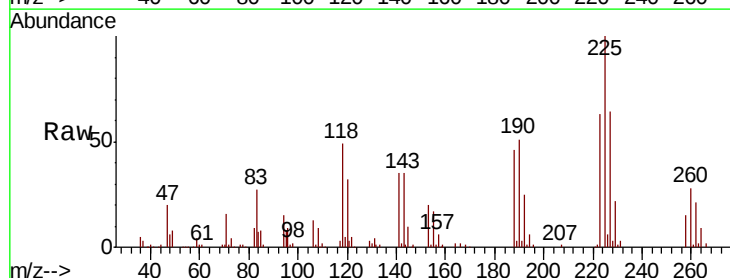


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

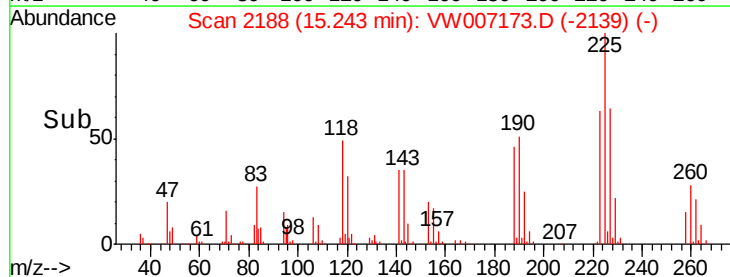
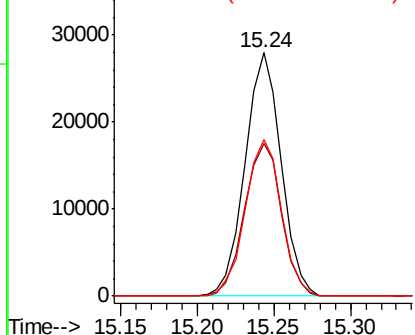


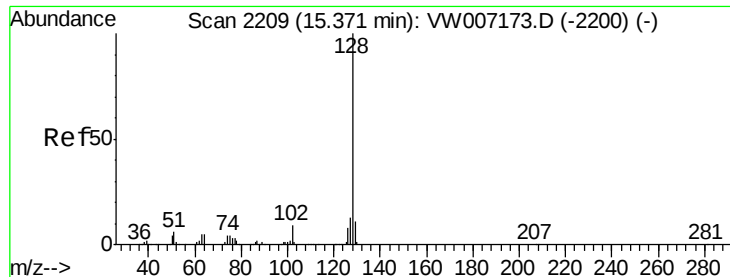
#94
 Hexachlorobutadiene
 Concen: 48.417 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007173.D
 Acq: 04 Dec 2018 01:18

Tgt Ion:225 Resp: 45912
 Ion Ratio Lower Upper
 225 100
 223 64.2 32.1 96.3
 227 64.5 32.3 96.8



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

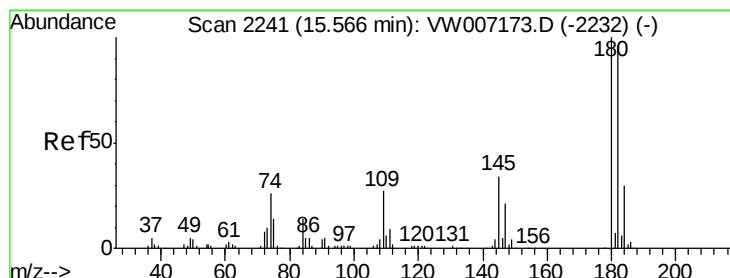
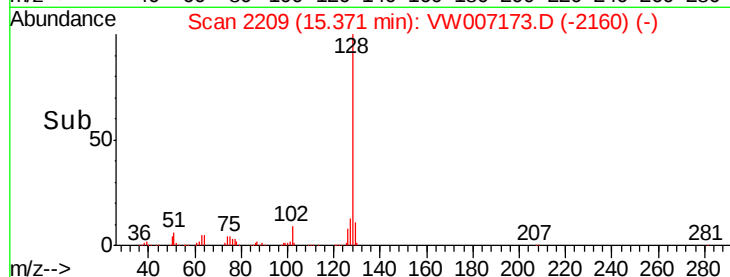
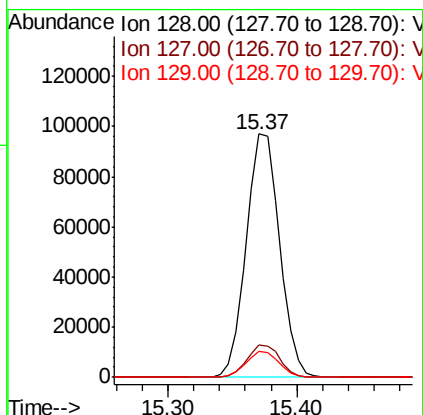
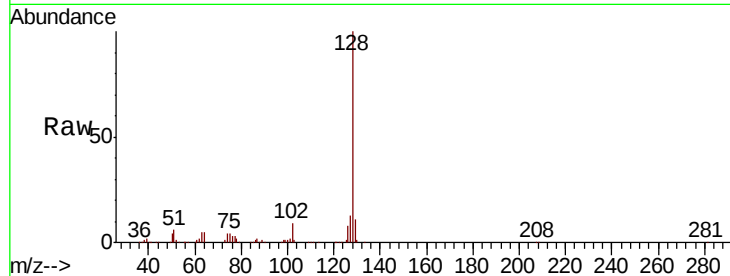




#95
Naphthalene
Concen: 53.856 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 173529
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.573 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007173.D
Acq: 04 Dec 2018 01:18

Tgt Ion:180 Resp: 77111
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.8
145 35.1 17.5 52.6

