

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006976.D
 Acq On : 20 Nov 2018 15:05
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 21 03:06:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 02:56:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	116752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	182702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	173491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86561	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	56475	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	7.89	113	52784	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	10.33	98	242220	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.62	95	93936	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	57327	49.731	ug/l	100
3) Chloromethane	2.21	50	50266	52.325	ug/l	100
4) Vinyl Chloride	2.36	62	49979	52.878	ug/l	100
5) Bromomethane	2.78	94	28465	56.424	ug/l	100
6) Chloroethane	2.92	64	28445	54.594	ug/l	100
7) Trichlorofluoromethane	3.26	101	92299	49.661	ug/l	100
8) Diethyl Ether	3.69	74	29255	48.850	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	57457	47.686	ug/l	100
10) Methyl Iodide	4.28	142	75990	55.093	ug/l	100
11) Tert butyl alcohol	5.20	59	17690	241.200	ug/l	100
12) 1,1-Dichloroethene	4.04	96	52537	49.715	ug/l	100
13) Acrolein	3.90	56	17966	235.107	ug/l	100
14) Allyl chloride	4.68	41	87338	49.828	ug/l	100
15) Acrylonitrile	5.38	53	59699	265.229	ug/l	100
16) Acetone	4.14	43	42696	257.276	ug/l	100
17) Carbon Disulfide	4.39	76	176247	51.586	ug/l	100
18) Methyl Acetate	4.68	43	27962	47.314	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	140769	51.016	ug/l	100
20) Methylene Chloride	4.92	84	65440	39.899	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	60041	48.773	ug/l	100
22) Diisopropyl ether	6.32	45	171563	50.288	ug/l	100
23) Vinyl Acetate	6.26	43	469301	259.040	ug/l	100
24) 1,1-Dichloroethane	6.22	63	102689	49.479	ug/l	100
25) 2-Butanone	7.18	43	73081	257.115	ug/l	100
26) 2,2-Dichloropropane	7.17	77	90223	48.342	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	65246	49.771	ug/l	100
28) Bromochloromethane	7.52	49	39020	50.304	ug/l	100
29) Tetrahydrofuran	7.54	42	47352	257.230	ug/l	100
30) Chloroform	7.68	83	107753	48.870	ug/l	100
31) Cyclohexane	7.96	56	106015	48.158	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	97945	49.317	ug/l	100
36) 1,1-Dichloropropene	8.09	75	89878	50.341	ug/l	100
37) Ethyl Acetate	7.26	43	32542	50.299	ug/l	100
38) Carbon Tetrachloride	8.07	117	85600	50.068	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	113527	50.812	ug/l	100
40) Benzene	8.33	78	248105	51.481	ug/l	100
41) Methacrylonitrile	7.49	41	20198	50.271	ug/l	100
42) 1,2-Dichloroethane	8.40	62	69163	49.430	ug/l	100
43) Isopropyl Acetate	8.43	43	63576	51.566	ug/l	100
44) Trichloroethene	9.09	130	68690	50.844	ug/l	100
45) 1,2-Dichloropropane	9.37	63	60440	50.875	ug/l	100
46) Dibromomethane	9.46	93	30012	50.446	ug/l	100
47) Bromodichloromethane	9.65	83	78175	49.873	ug/l	100
48) Methyl methacrylate	9.44	41	31309	52.666	ug/l	100
49) 1,4-Dioxane	9.46	88	9624	1088.374	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	163025	261.652	ug/l	100
52) Toluene	10.39	92	174510	53.208	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	78428	51.651	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	95590	52.108	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	43849	50.096	ug/l	100
56) Ethyl methacrylate	10.65	69	55245	54.373	ug/l	100
57) 1,3-Dichloropropane	10.93	76	74920	51.075	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	128950	242.875	ug/l	100
59) 2-Hexanone	10.97	43	118231	277.104	ug/l	100
60) Dibromochloromethane	11.13	129	51661	51.797	ug/l	100
61) 1,2-Dibromoethane	11.24	107	41516	51.849	ug/l	100
64) Tetrachloroethene	10.87	164	58286	52.223	ug/l	100
65) Chlorobenzene	11.66	112	192019	53.029	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	55802	50.943	ug/l	100
67) Ethyl Benzene	11.73	91	345165	51.889	ug/l	100
68) m/p-Xylenes	11.84	106	272442	104.392	ug/l	100
69) o-Xylene	12.17	106	129061	52.446	ug/l	100
70) Styrene	12.18	104	207443	52.965	ug/l	100
71) Bromoform	12.35	173	26538	51.429	ug/l #	100
73) Isopropylbenzene	12.47	105	349832	52.001	ug/l	100
74) N-amyl acetate	12.27	43	61609	54.642	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	45985	51.362	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	64516	57.585	ug/l #	100
77) Bromobenzene	12.75	156	74396	51.488	ug/l	100
78) n-propylbenzene	12.81	91	420726	51.630	ug/l	100
79) 2-Chlorotoluene	12.90	91	241646	51.429	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	303027	52.089	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14354	52.981	ug/l	100
82) 4-Chlorotoluene	12.99	91	255956	51.910	ug/l	100
83) tert-Butylbenzene	13.21	119	259907	51.603	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	303407	52.347	ug/l	100
85) sec-Butylbenzene	13.39	105	369695	51.956	ug/l	100
86) p-Isopropyltoluene	13.51	119	327302	52.140	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	153905	52.174	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	151577	51.537	ug/l	100
89) n-Butylbenzene	13.83	91	312436	52.889	ug/l	100
90) Hexachloroethane	14.10	117	46712	50.969	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	135367	52.371	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7923	52.397	ug/l	100

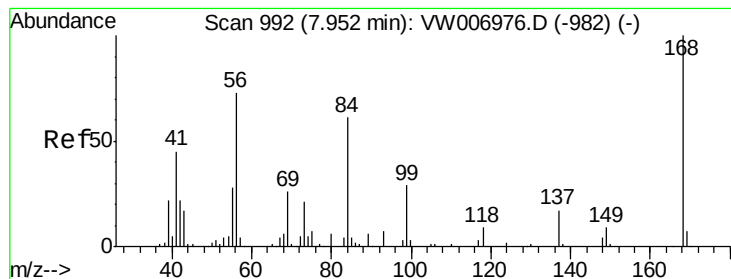
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Quant Title : SW846 8260
QLast Update : Wed Nov 21 02:56:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	89617	52.579	ug/l	100
94) Hexachlorobutadiene	15.24	225	48284	52.110	ug/l	100
95) Naphthalene	15.38	128	164581	53.195	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	74799	52.897	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006976.D

Acq: 20 Nov 2018 15:05

Instrument :

MSVOA_W

ClientSampleId :

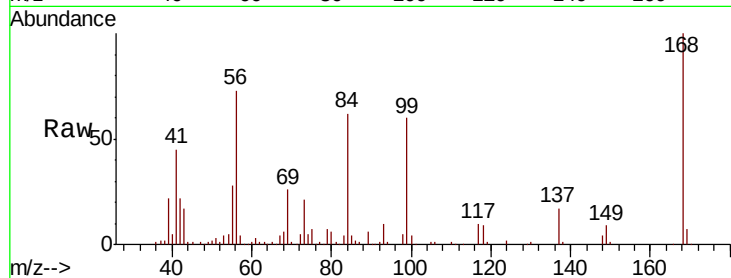
VSTDICCC050

Tgt Ion:168 Resp: 116752

Ion Ratio Lower Upper

168 100

99 60.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

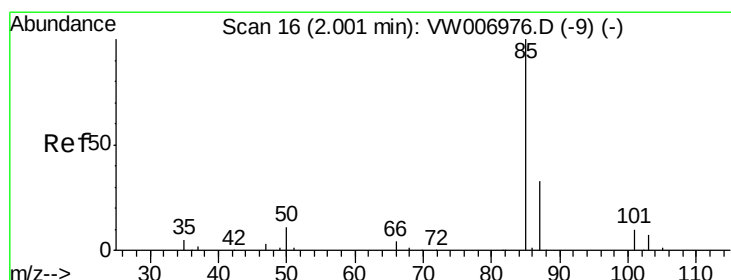
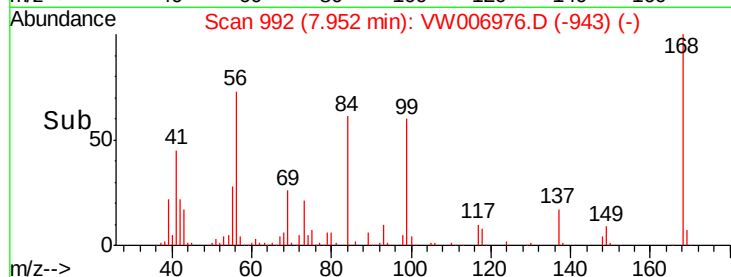
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.731 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006976.D

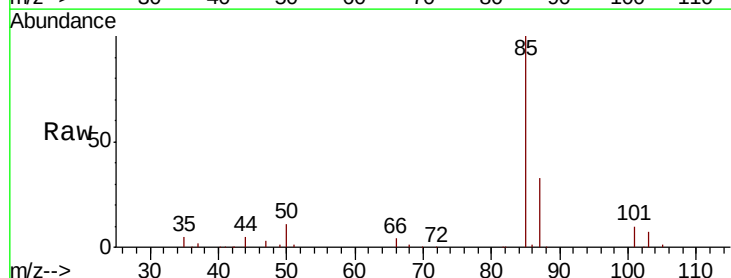
Acq: 20 Nov 2018 15:05

Tgt Ion: 85 Resp: 57327

Ion Ratio Lower Upper

85 100

87 32.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

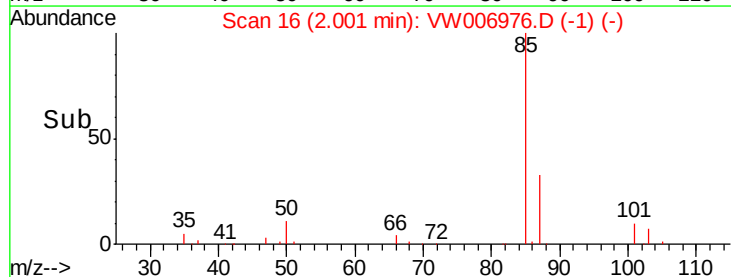
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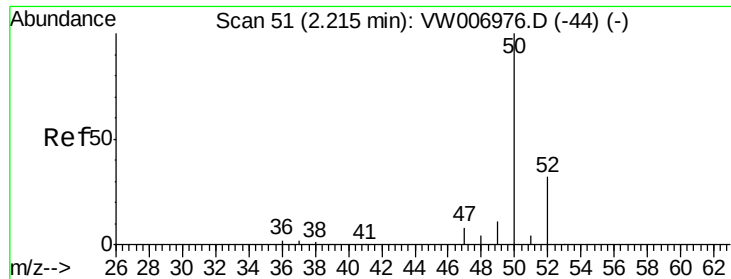
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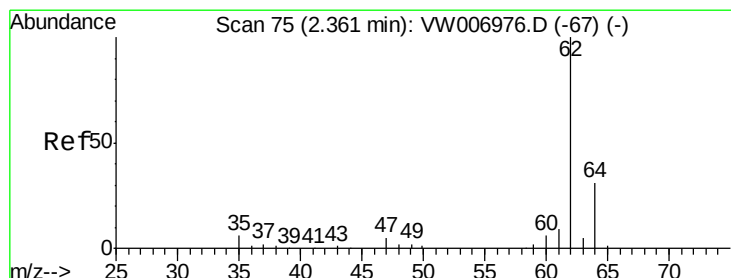
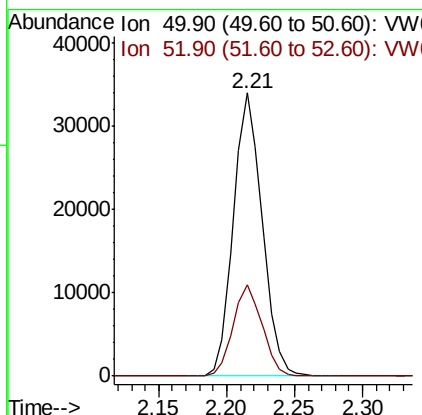
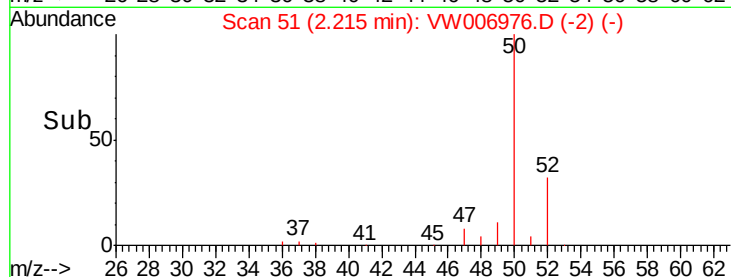
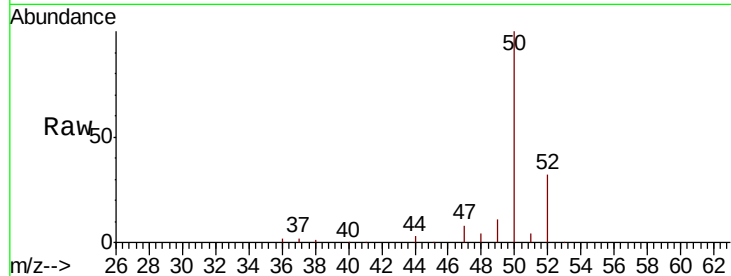




#3
 Chloromethane
 Concen: 52.325 ug/l
 RT: 2.21 min Scan# 51
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

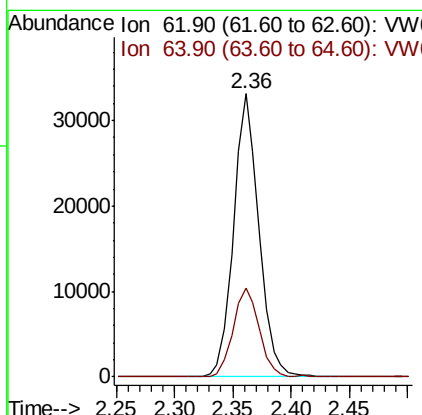
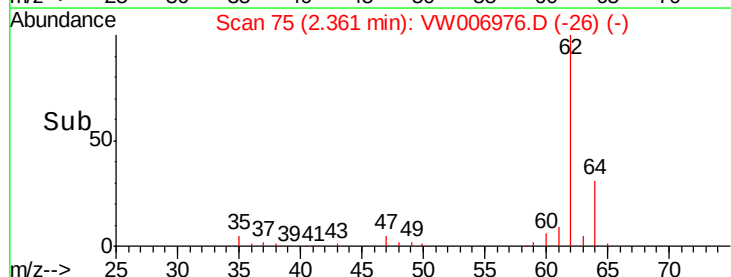
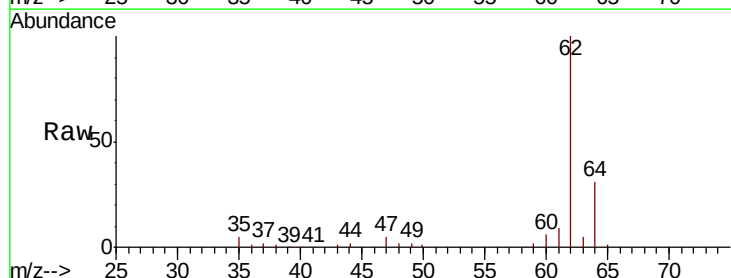
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

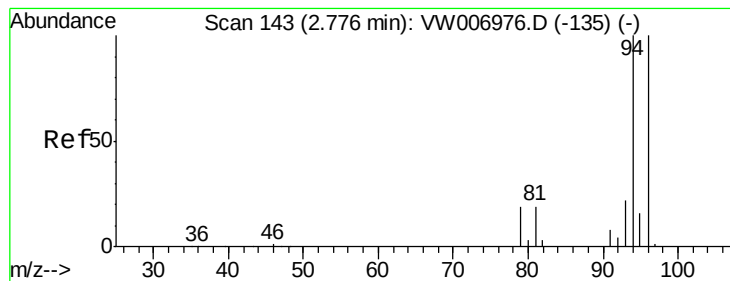
Tgt Ion: 50 Resp: 50266
 Ion Ratio Lower Upper
 50 100
 52 32.1 25.7 38.5



#4
 Vinyl Chloride
 Concen: 52.878 ug/l
 RT: 2.36 min Scan# 75
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Tgt Ion: 62 Resp: 49979
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.2 37.8





#5

Bromomethane

Concen: 56.424 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006976.D

Acq: 20 Nov 2018 15:05

Instrument :

MSVOA_W

ClientSampleId :

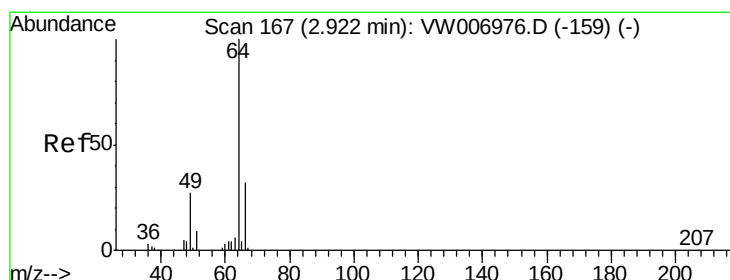
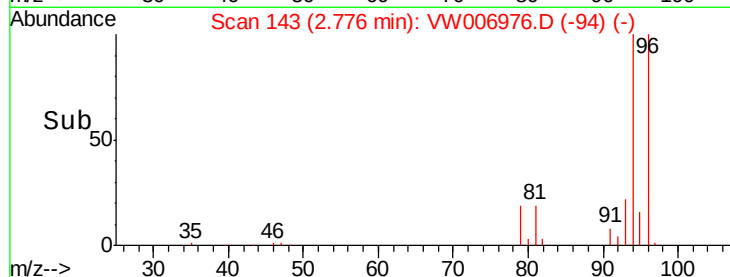
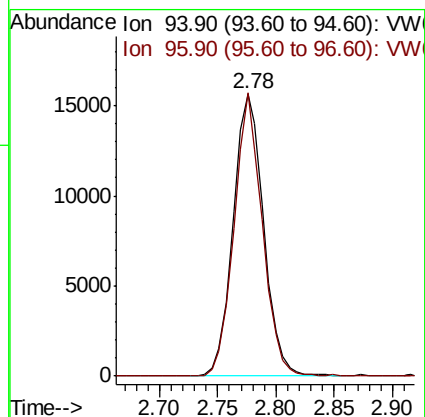
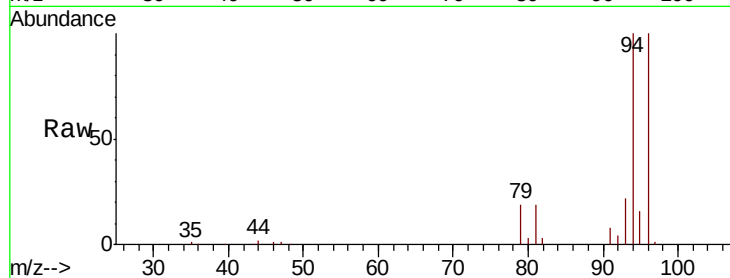
VSTDICCC050

Tgt Ion: 94 Resp: 28465

Ion Ratio Lower Upper

94 100

96 100.2 80.2 120.2



#6

Chloroethane

Concen: 54.594 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006976.D

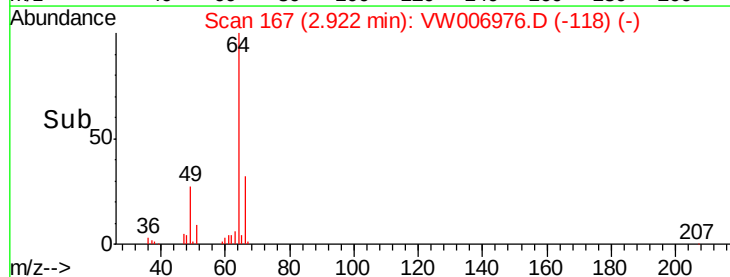
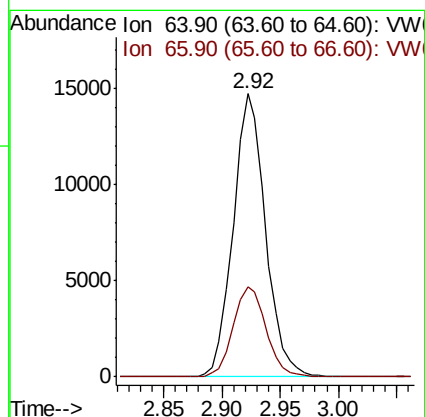
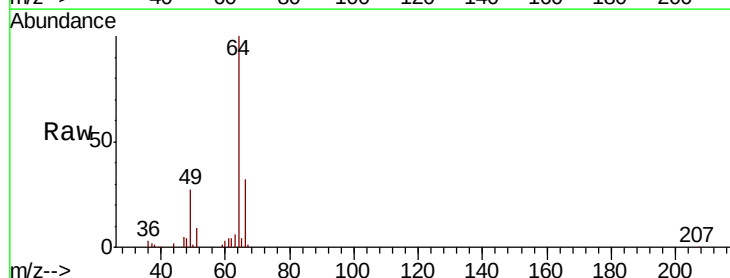
Acq: 20 Nov 2018 15:05

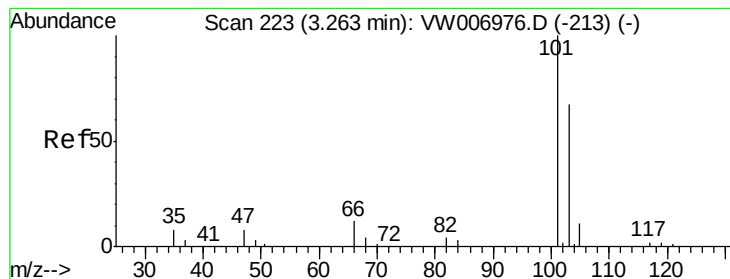
Tgt Ion: 64 Resp: 28445

Ion Ratio Lower Upper

64 100

66 31.6 25.3 37.9



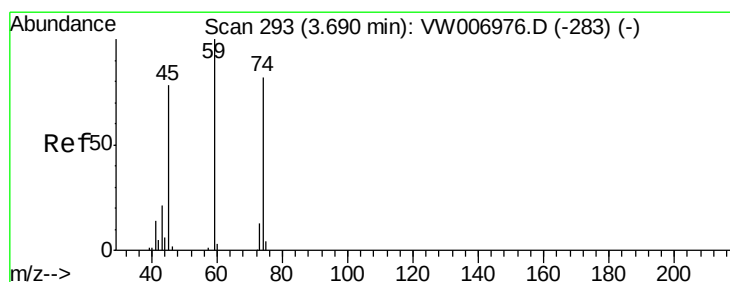
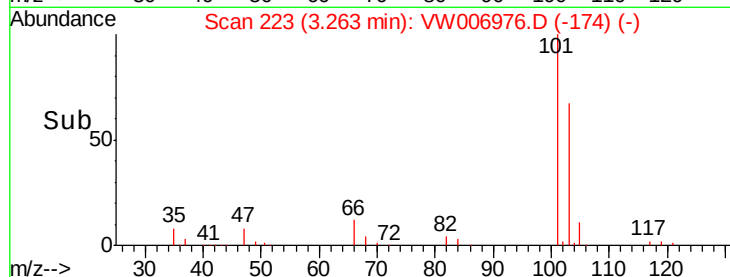
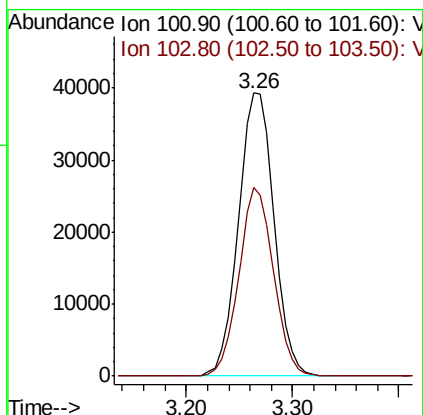
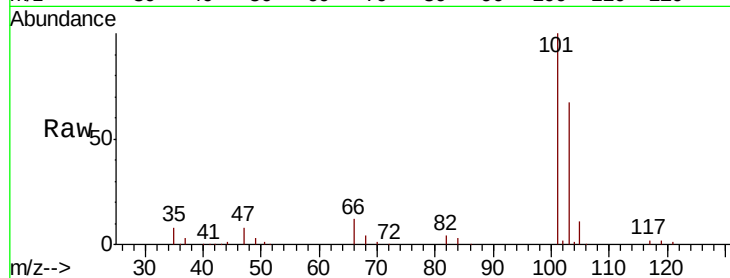


#7

Trichlorofluoromethane
 Concen: 49.661 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

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 ClientSampleId :
 VSTDICCC050

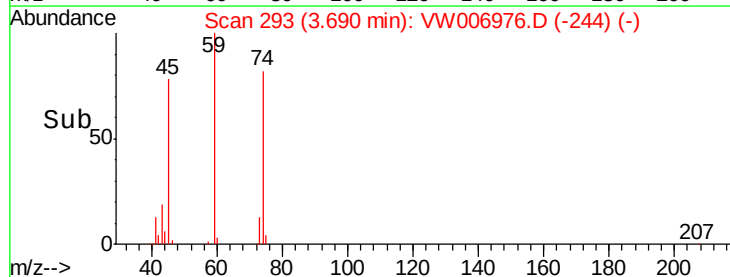
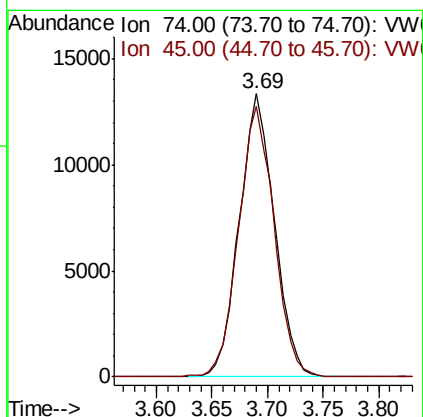
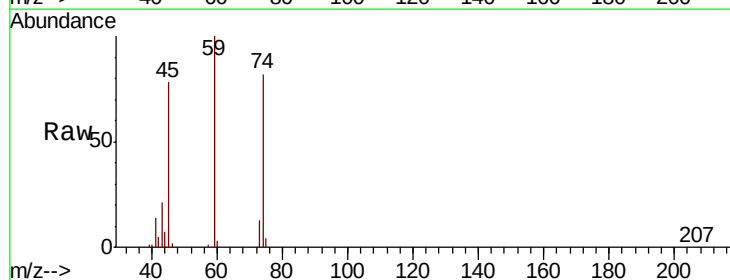
Tgt Ion: 101 Resp: 92299
 Ion Ratio Lower Upper
 101 100
 103 66.8 53.4 80.2

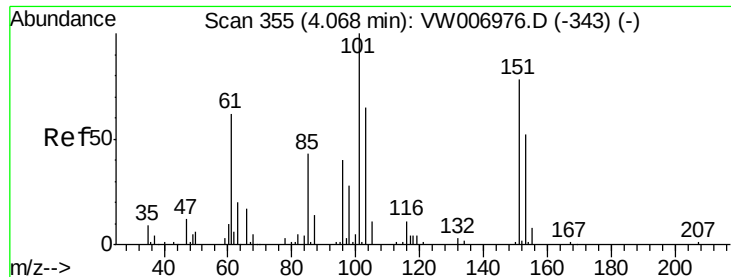


#8

Diethyl Ether
 Concen: 48.850 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Tgt Ion: 74 Resp: 29255
 Ion Ratio Lower Upper
 74 100
 45 96.8 48.4 145.2

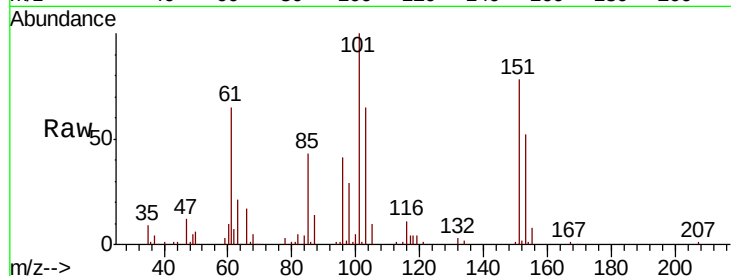




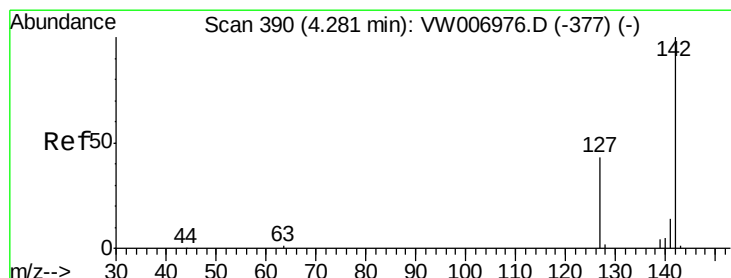
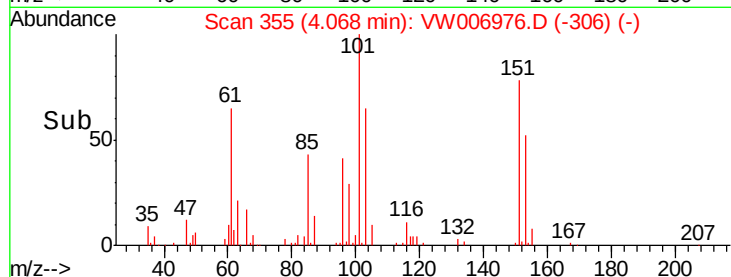
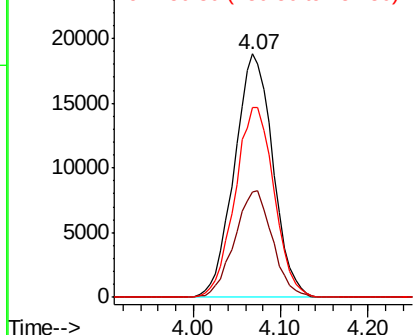
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.686 ug/l
 RT: 4.07 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:101 Resp: 57457
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.3 51.5
 151 79.3 63.4 95.2

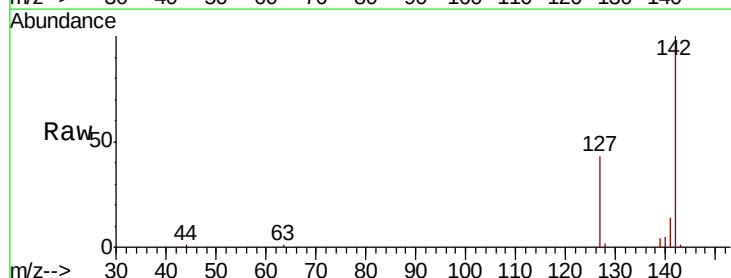


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VV
 Ion 150.80 (150.50 to 151.50): V

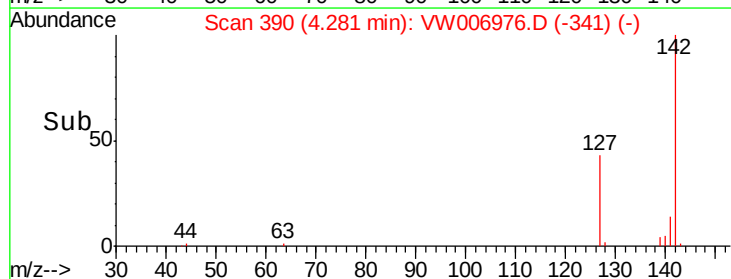
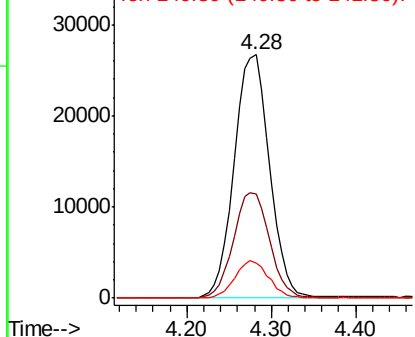


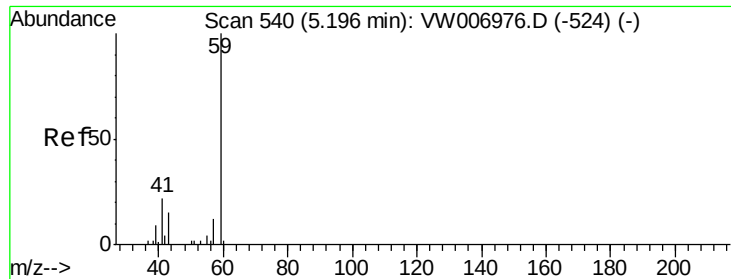
#10
 Methyl Iodide
 Concen: 55.093 ug/l
 RT: 4.28 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Tgt Ion:142 Resp: 75990
 Ion Ratio Lower Upper
 142 100
 127 44.1 35.3 52.9
 141 14.6 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

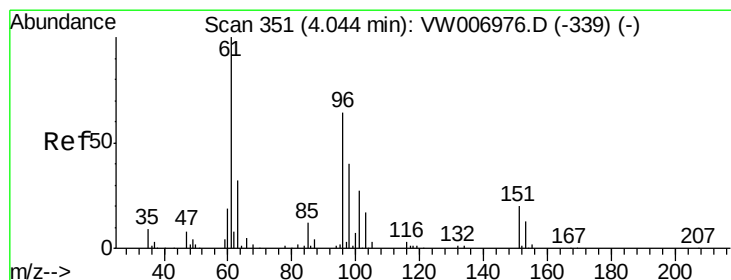
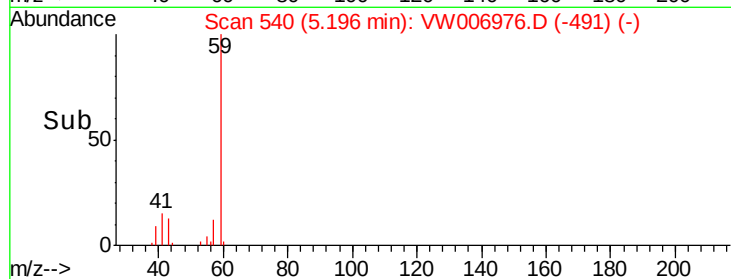
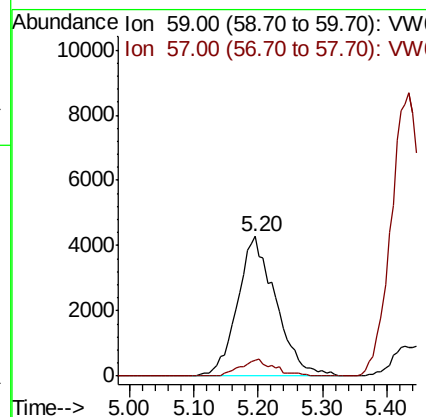
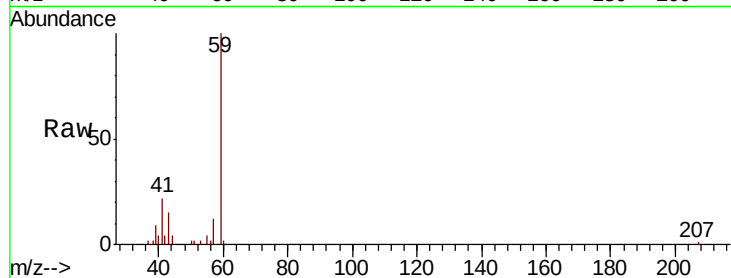




#11
Tert butyl alcohol
Concen: 241.200 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

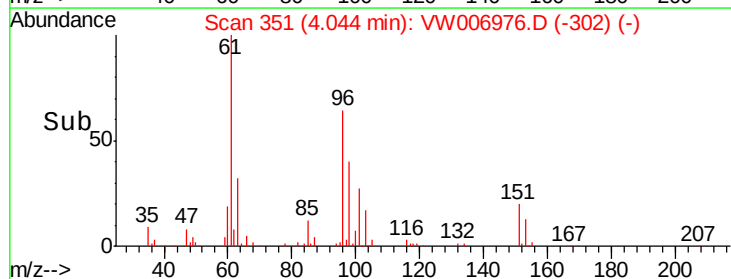
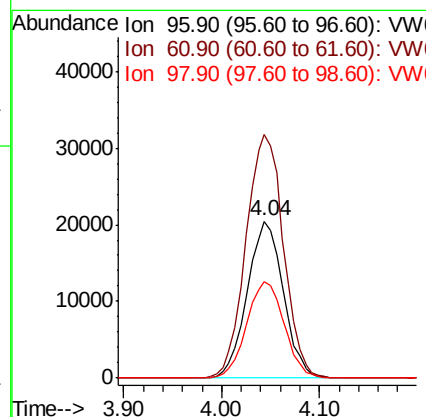
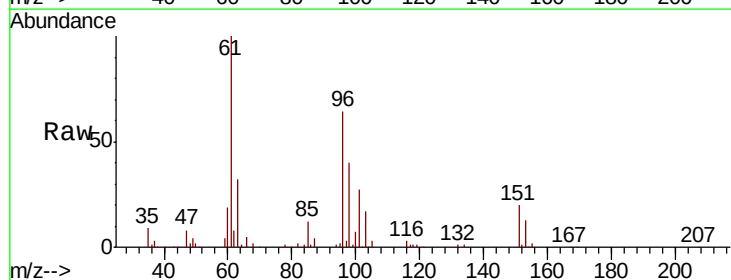
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

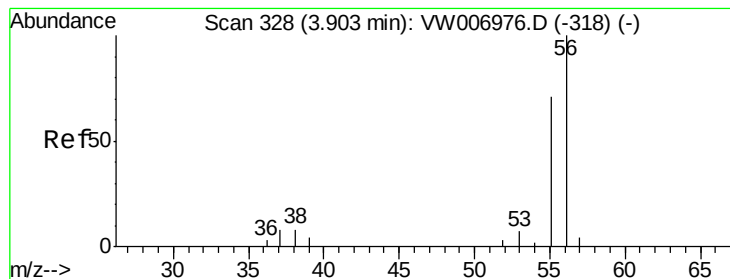
Tgt Ion: 59 Resp: 17690
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0



#12
1,1-Dichloroethene
Concen: 49.715 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 96 Resp: 52537
Ion Ratio Lower Upper
96 100
61 155.4 124.3 186.5
98 61.8 49.4 74.2





#13

Acrolein

Concen: 235.107 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006976.D

Acq: 20 Nov 2018 15:05

Instrument :

MSVOA_W

ClientSampleId :

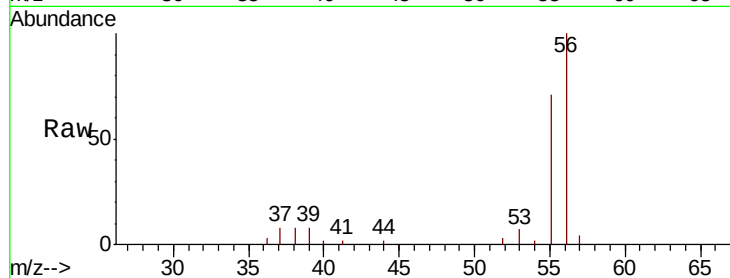
VSTDICCC050

Tgt Ion: 56 Resp: 17966

Ion Ratio Lower Upper

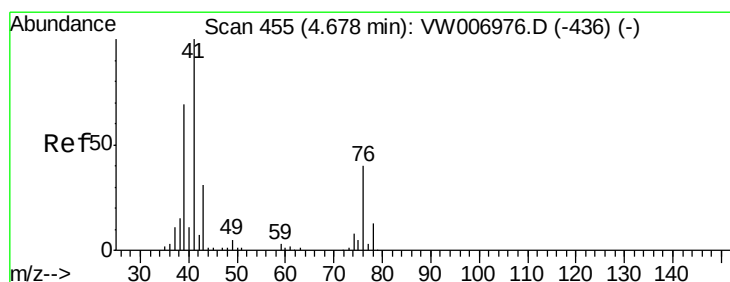
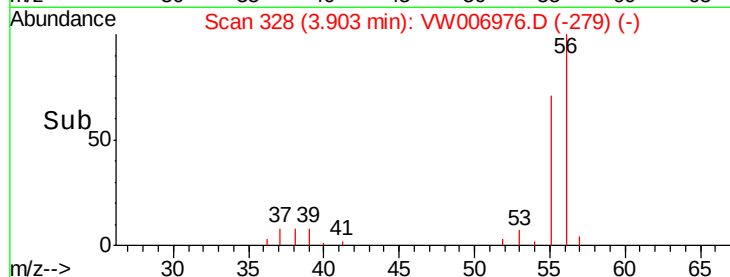
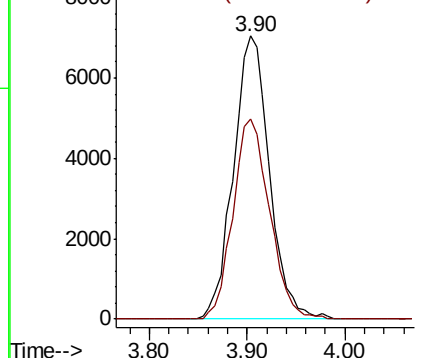
56 100

55 71.9 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 49.828 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW006976.D

Acq: 20 Nov 2018 15:05

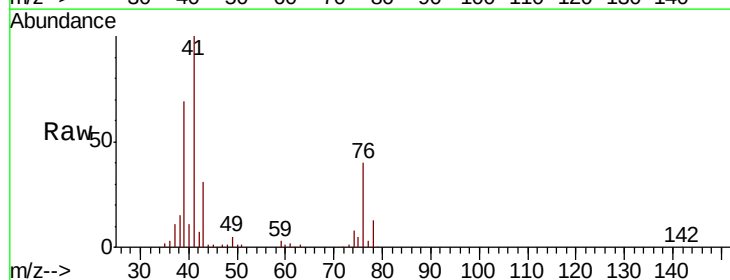
Tgt Ion: 41 Resp: 87338

Ion Ratio Lower Upper

41 100

39 69.3 55.4 83.2

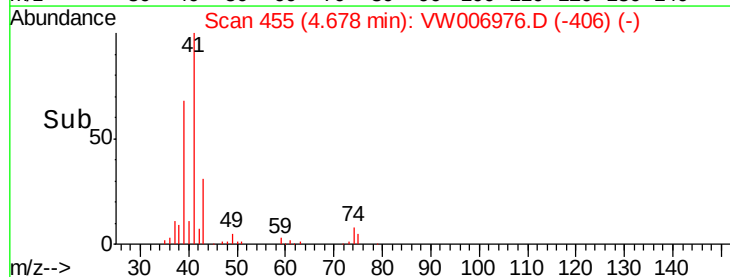
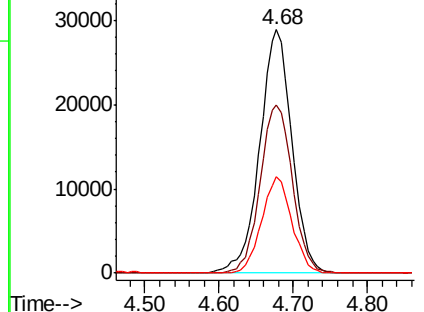
76 37.0 29.6 44.4

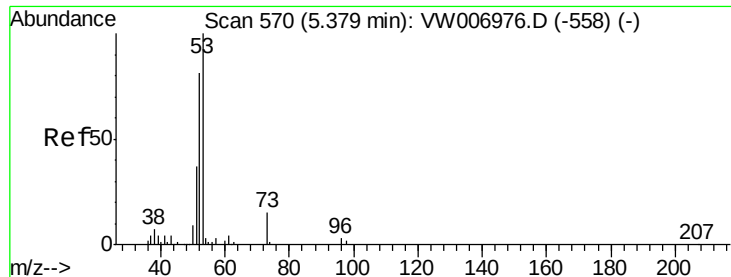


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 265.229 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006976.D

Acq: 20 Nov 2018 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

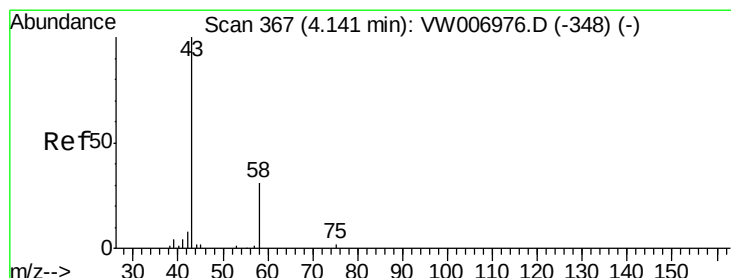
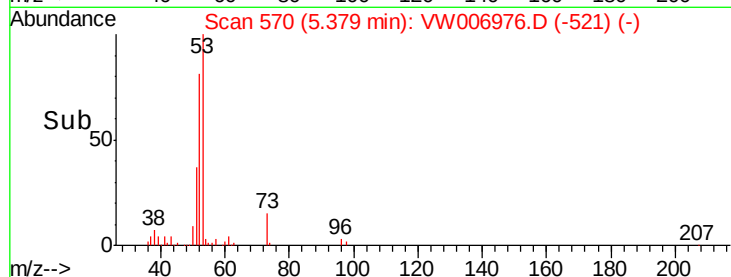
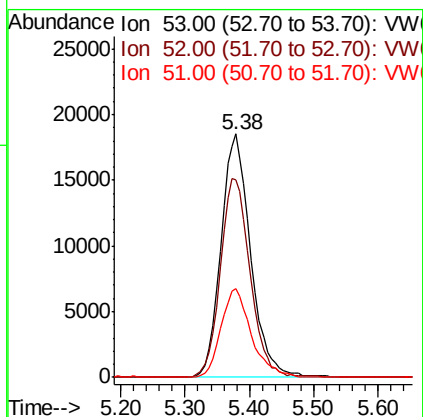
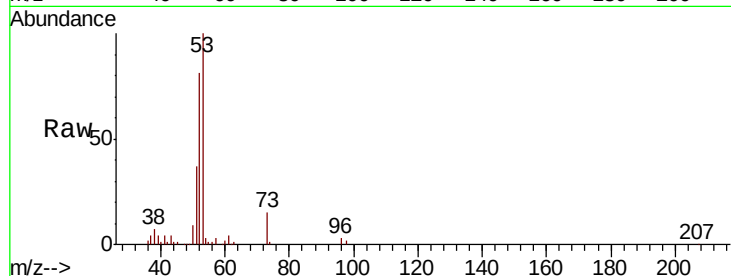
Tgt Ion: 53 Resp: 59699

Ion Ratio Lower Upper

53 100

52 82.1 65.7 98.5

51 37.4 29.9 44.9



#16

Acetone

Concen: 257.276 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW006976.D

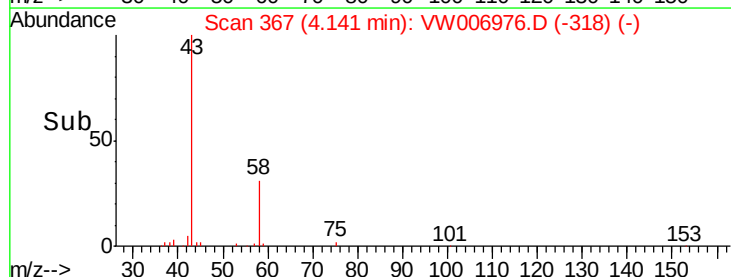
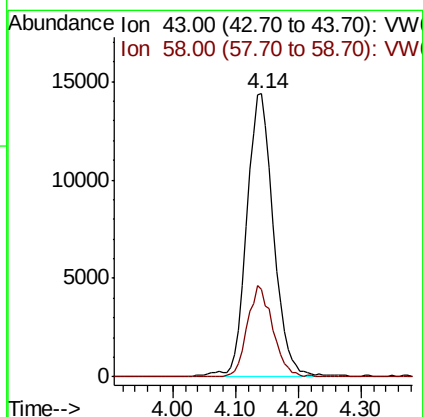
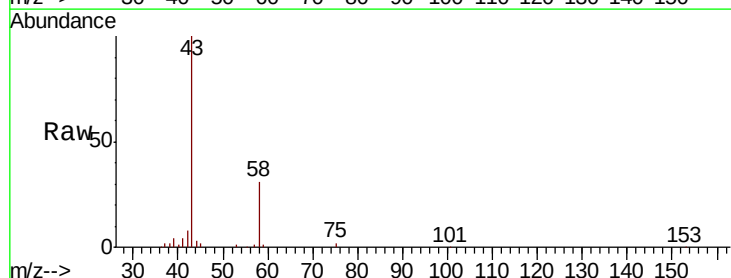
Acq: 20 Nov 2018 15:05

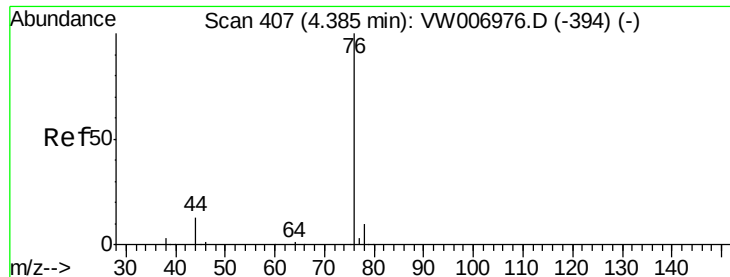
Tgt Ion: 43 Resp: 42696

Ion Ratio Lower Upper

43 100

58 31.0 24.8 37.2

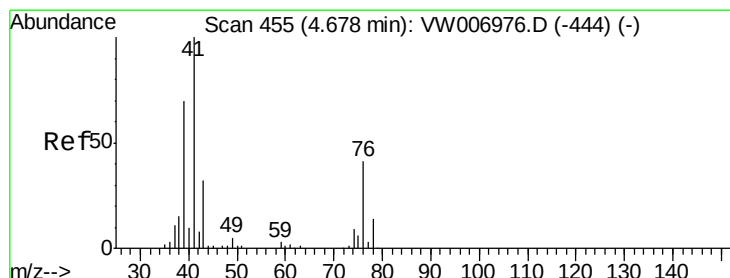
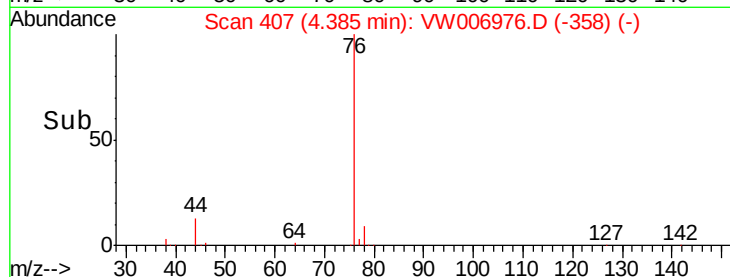
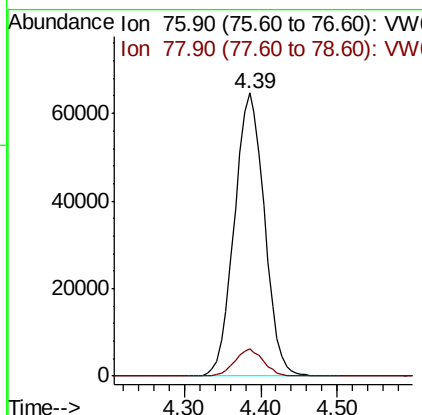
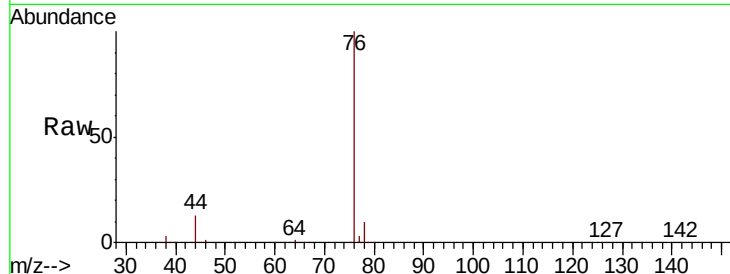




#17
Carbon Disulfide
Concen: 51.586 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

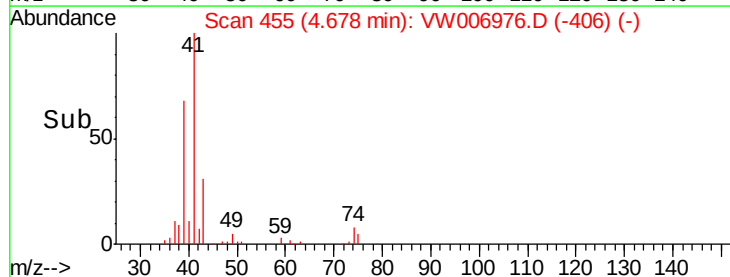
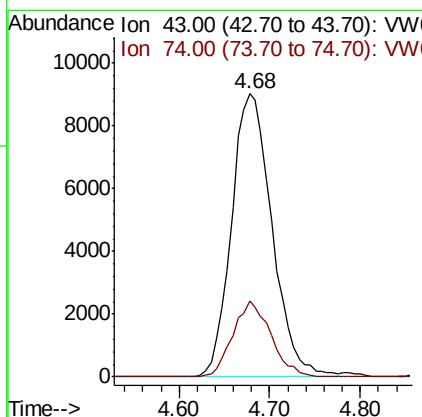
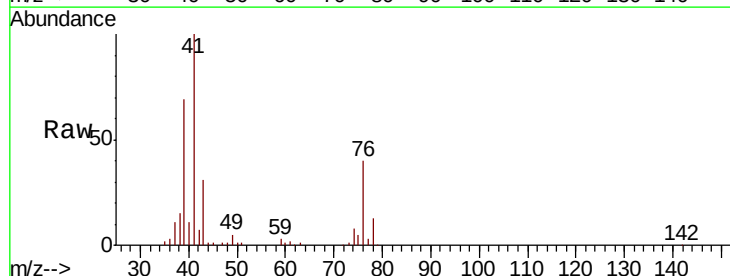
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

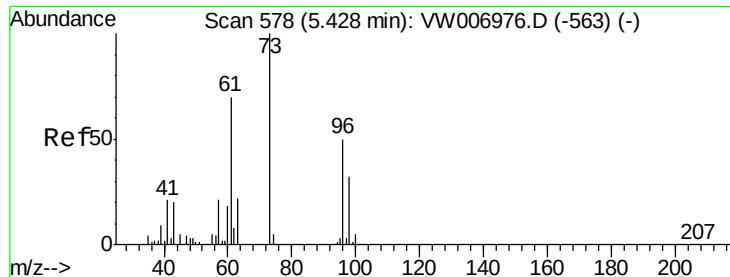
Tgt Ion: 76 Resp: 176247
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.6



#18
Methyl Acetate
Concen: 47.314 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 43 Resp: 27962
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1



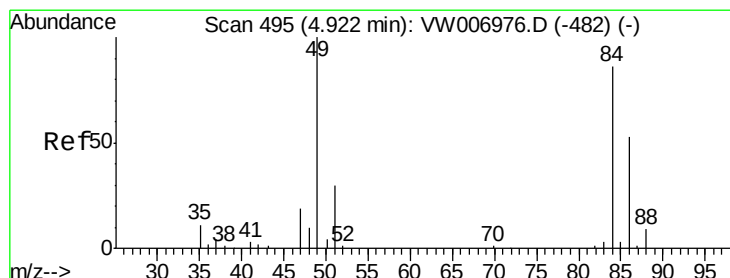
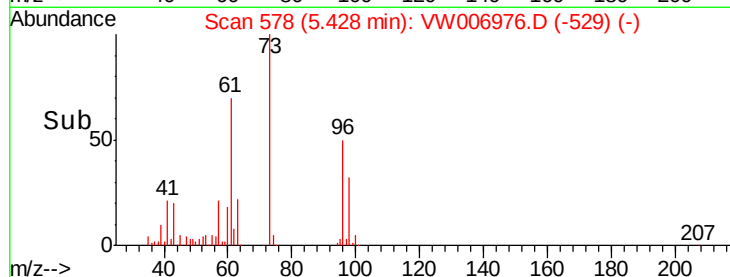
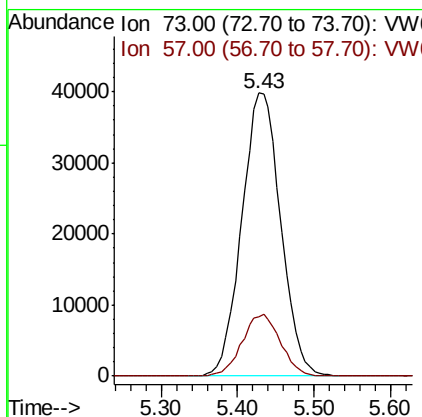
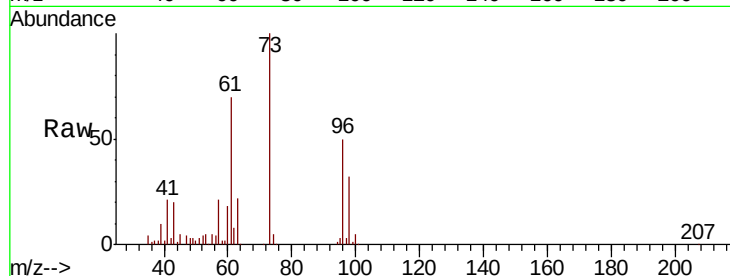


#19

Methyl tert-butyl Ether
 Concen: 51.016 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

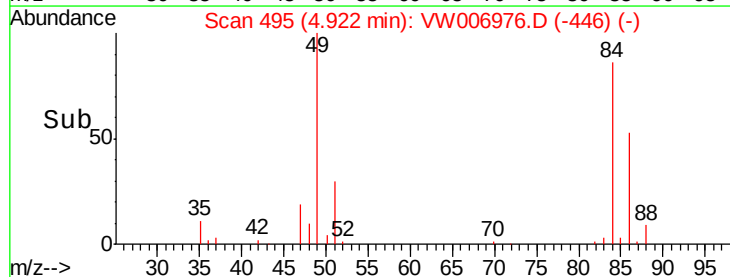
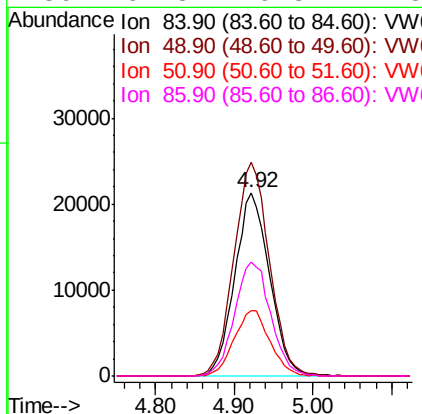
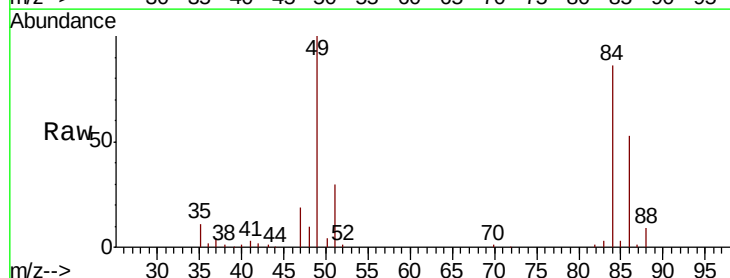
Tgt Ion: 73 Resp: 140769
 Ion Ratio Lower Upper
 73 100
 57 20.9 16.7 25.1

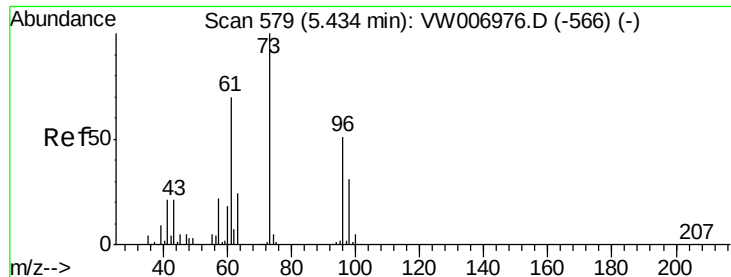


#20

Methylene Chloride
 Concen: 39.899 ug/l
 RT: 4.92 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Tgt Ion: 84 Resp: 65440
 Ion Ratio Lower Upper
 84 100
 49 116.7 93.4 140.0
 51 35.5 28.4 42.6
 86 62.3 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 48.773 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006976.D

Acq: 20 Nov 2018 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

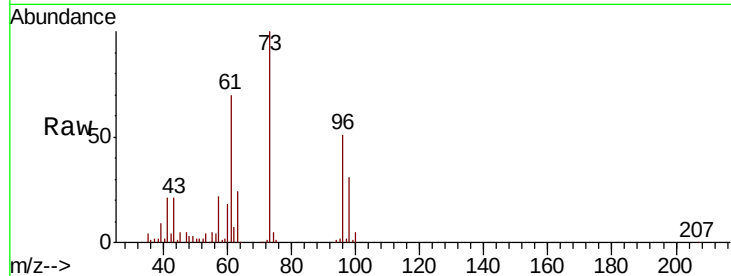
Tgt Ion: 96 Resp: 60041

Ion Ratio Lower Upper

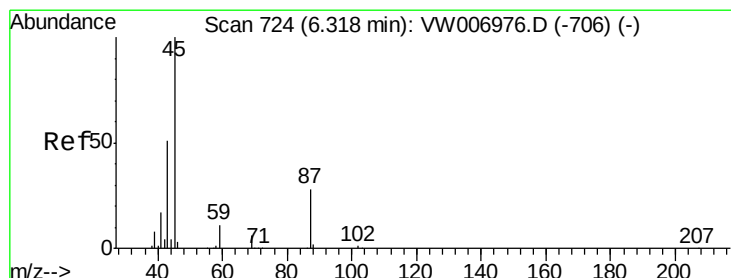
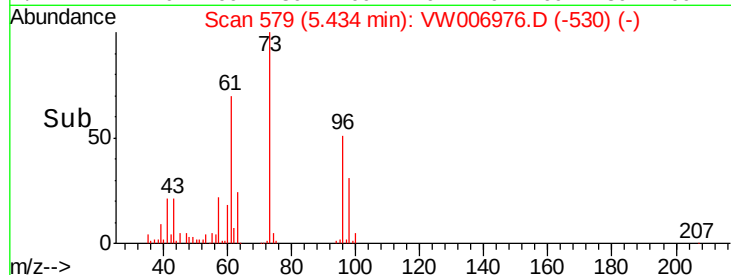
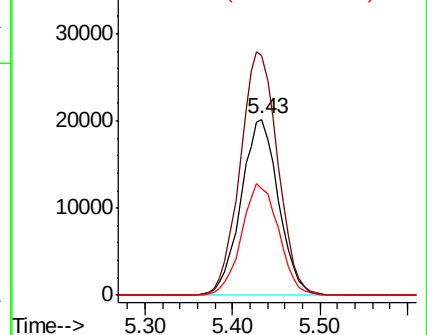
96 100

61 136.7 109.4 164.0

98 60.4 48.3 72.5



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



#22

Diisopropyl ether

Concen: 50.288 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006976.D

Acq: 20 Nov 2018 15:05

Tgt Ion: 45 Resp: 171563

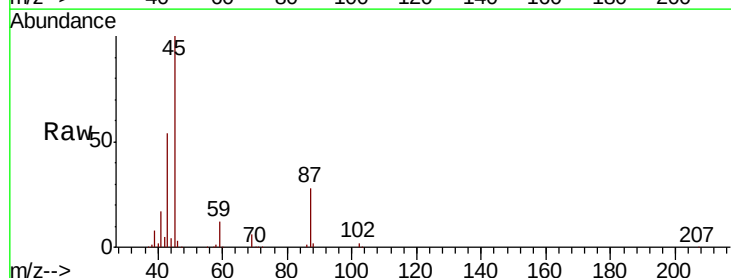
Ion Ratio Lower Upper

45 100

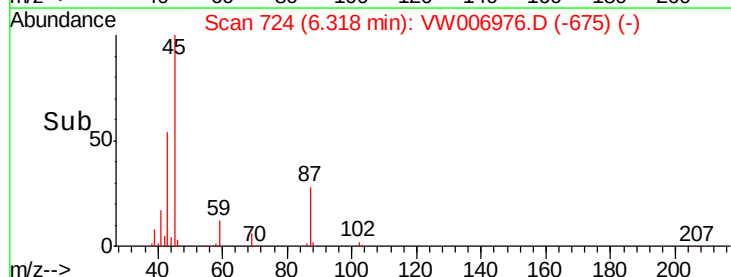
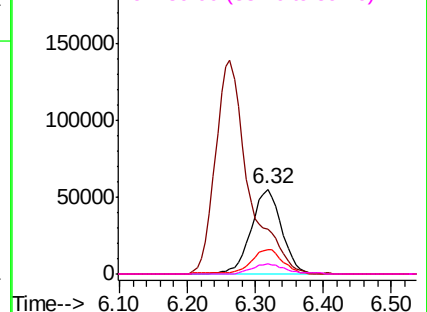
43 53.1 42.5 63.7

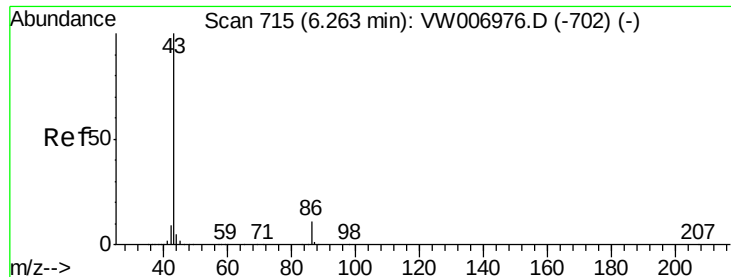
87 28.5 22.8 34.2

59 11.4 9.1 13.7



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





#23

Vinyl Acetate

Concen: 259.040 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006976.D

Acq: 20 Nov 2018 15:05

Instrument :

MSVOA_W

ClientSampleId :

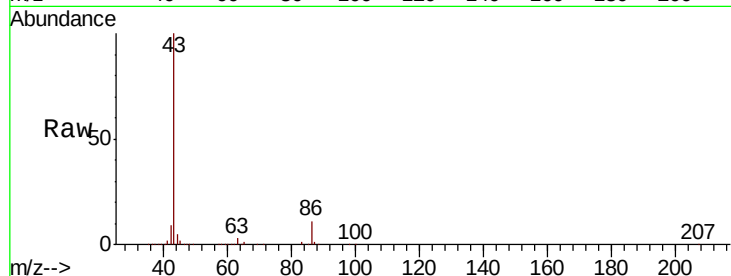
VSTDICCC050

Tgt Ion: 43 Resp: 469301

Ion Ratio Lower Upper

43 100

86 10.9 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

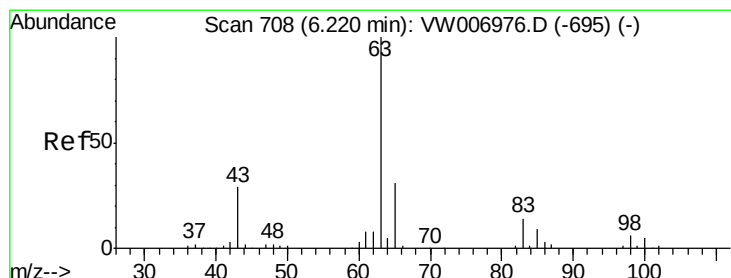
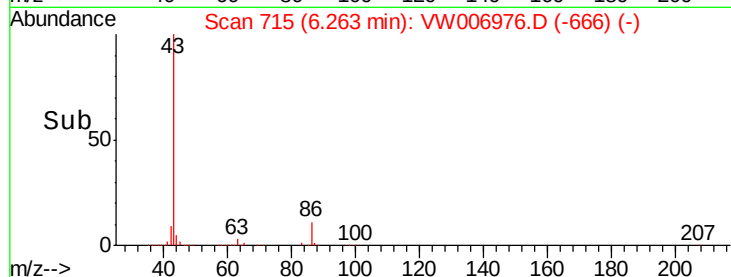
150000

100000

50000

0

Time--> 6.10 6.20 6.30 6.40



#24

1,1-Dichloroethane

Concen: 49.479 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006976.D

Acq: 20 Nov 2018 15:05

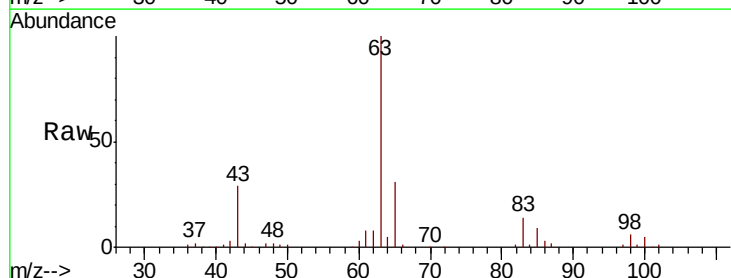
Tgt Ion: 63 Resp: 102689

Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

100 4.6 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.22

40000

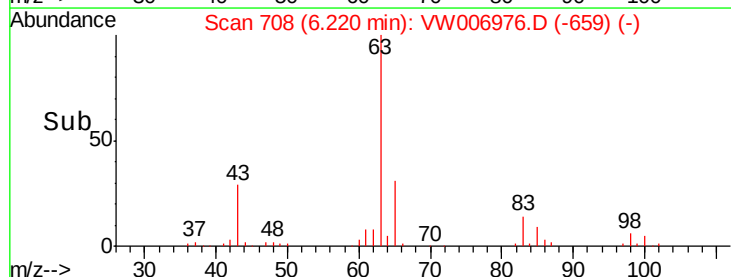
30000

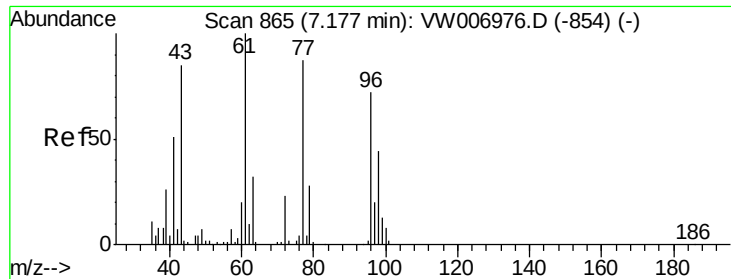
20000

10000

0

Time--> 6.10 6.20 6.30





#25

2-Butanone

Concen: 257.115 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW006976.D

Acq: 20 Nov 2018 15:05

Instrument :

MSVOA_W

ClientSampleId :

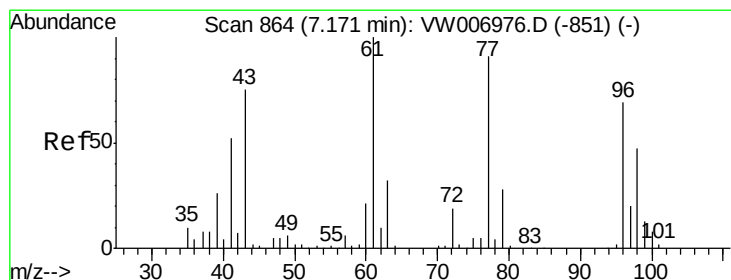
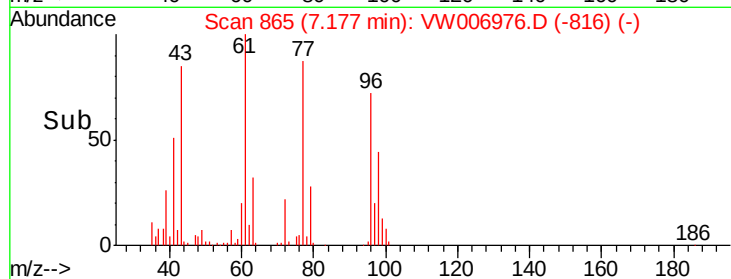
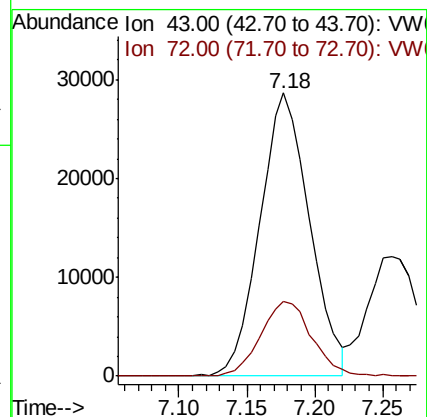
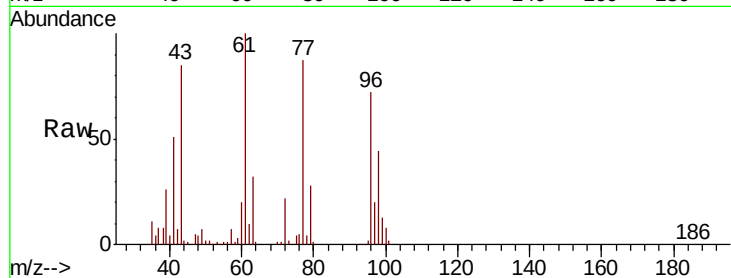
VSTDICCC050

Tgt Ion: 43 Resp: 73081

Ion Ratio Lower Upper

43 100

72 26.6 21.3 31.9



#26

2,2-Dichloropropane

Concen: 48.342 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006976.D

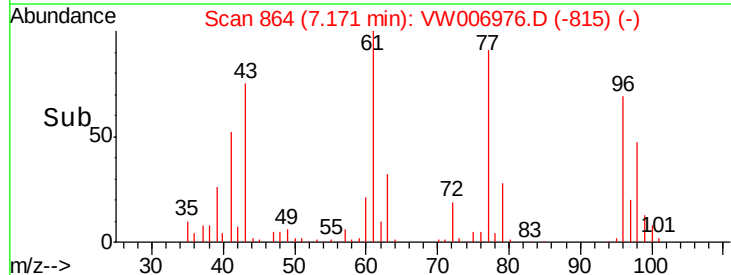
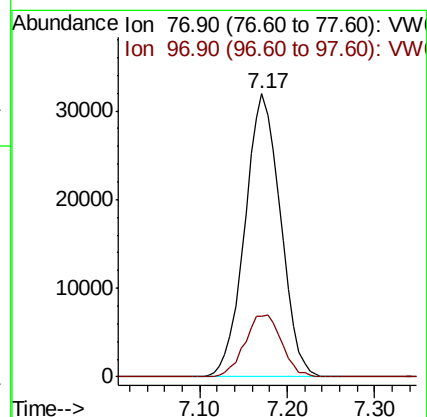
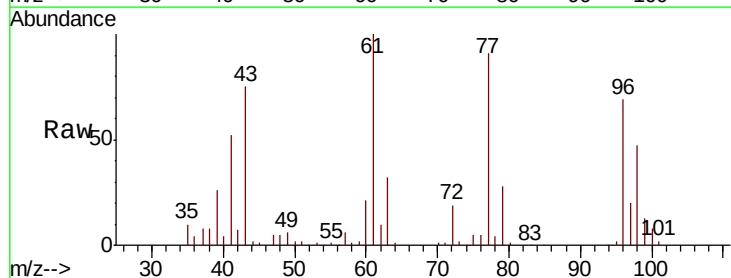
Acq: 20 Nov 2018 15:05

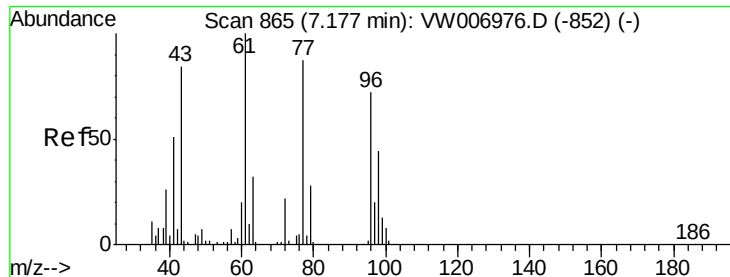
Tgt Ion: 77 Resp: 90223

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1



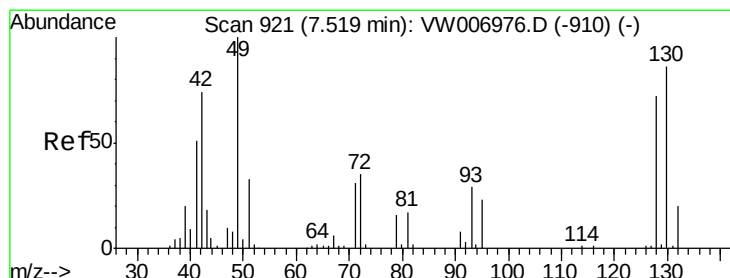
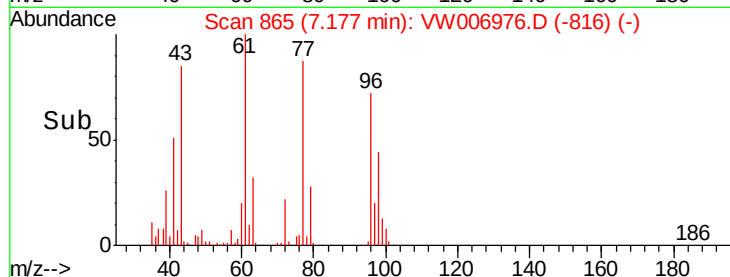
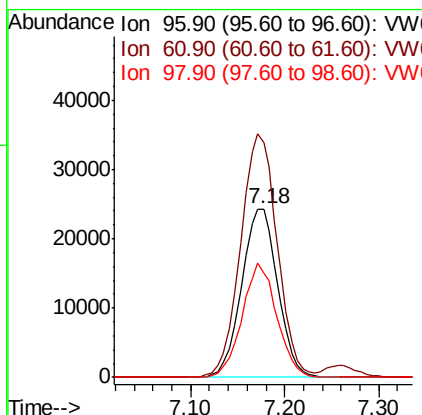
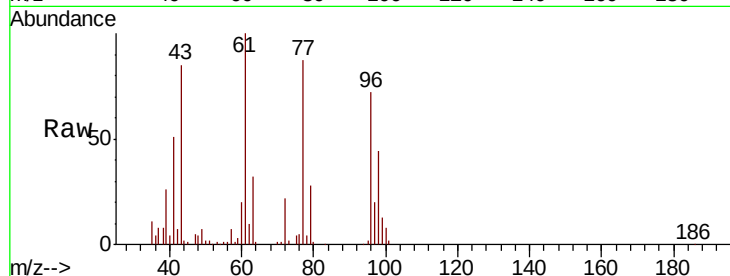


#27

cis-1,2-Dichloroethene
Concen: 49.771 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

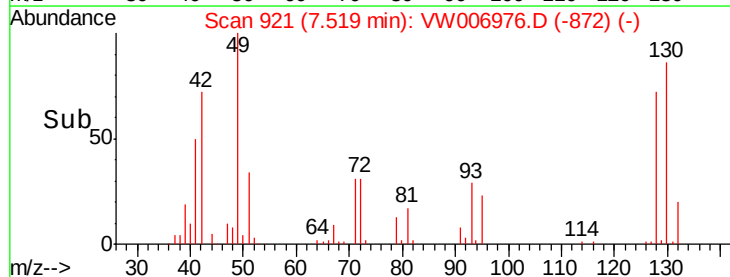
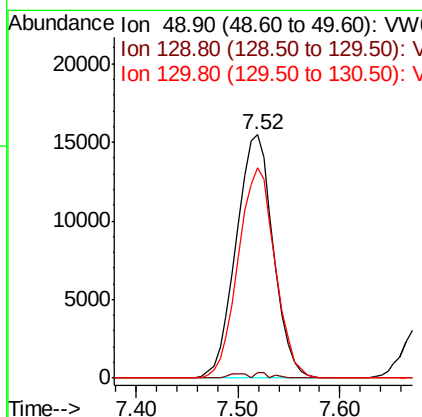
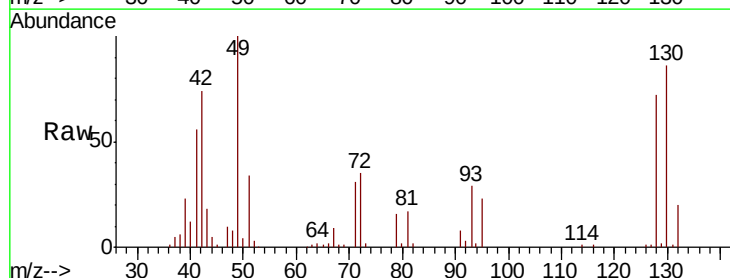
Tgt Ion: 96 Resp: 65246
Ion Ratio Lower Upper
96 100
61 146.3 0.0 292.6
98 64.9 0.0 129.8

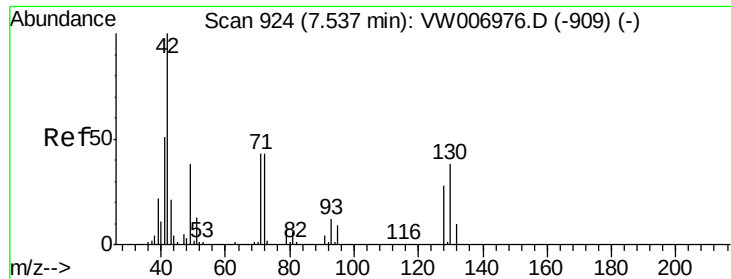


#28

Bromochloromethane
Concen: 50.304 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 49 Resp: 39020
Ion Ratio Lower Upper
49 100
129 1.0 0.0 2.0
130 86.2 69.0 103.4

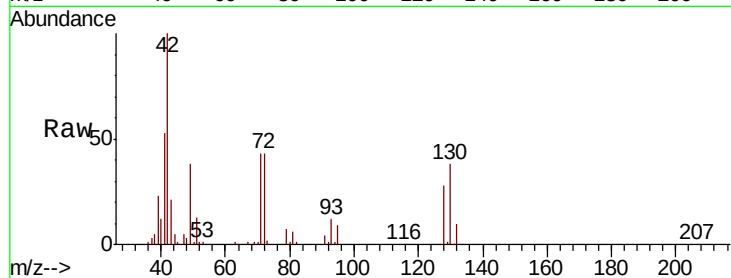




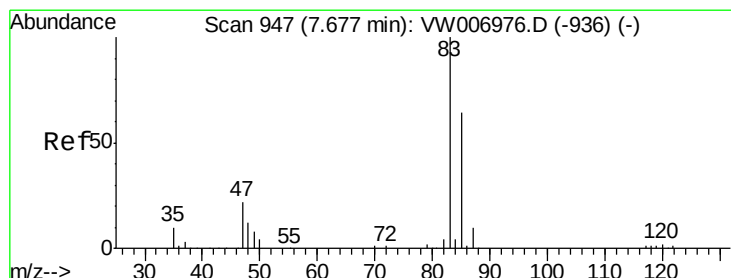
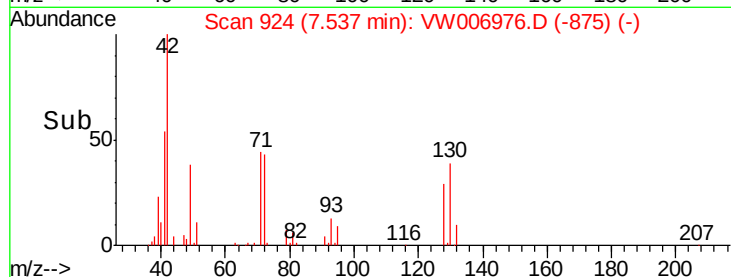
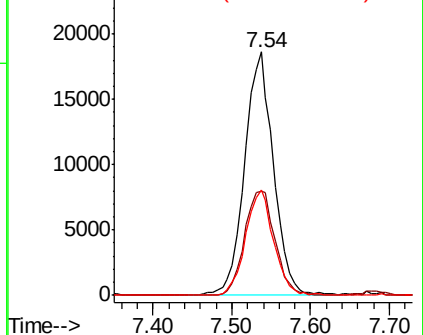
#29
Tetrahydrofuran
Concen: 257.230 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 47352
Ion Ratio Lower Upper
42 100
72 45.3 36.2 54.4
71 42.3 33.8 50.8

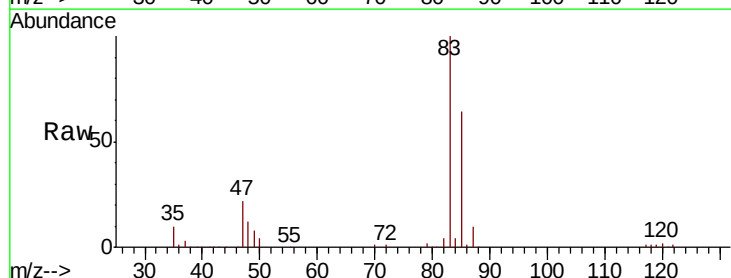


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

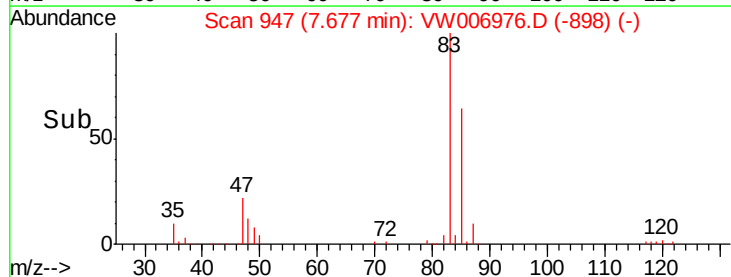
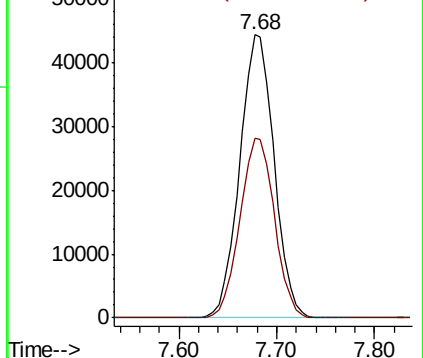


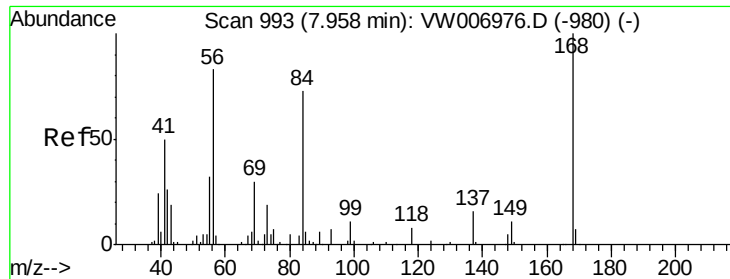
#30
Chloroform
Concen: 48.870 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 83 Resp: 107753
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3



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

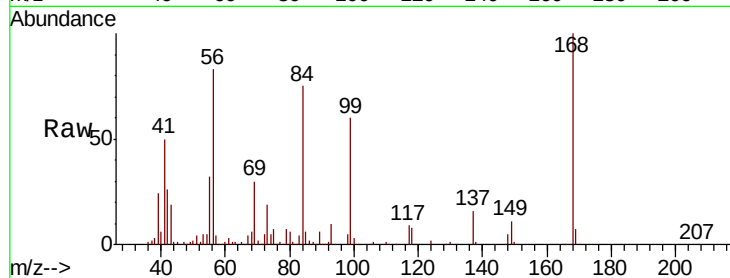




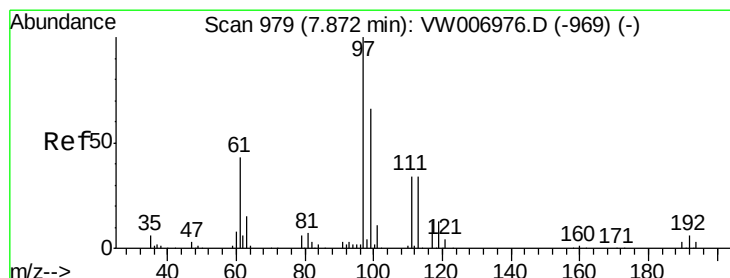
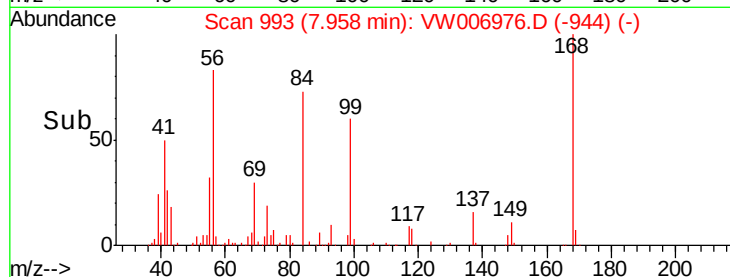
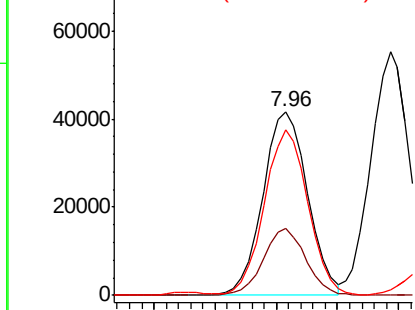
#31
Cyclohexane
Concen: 48.158 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 106015
Ion Ratio Lower Upper
56 100
69 36.4 29.1 43.7
84 88.2 70.6 105.8

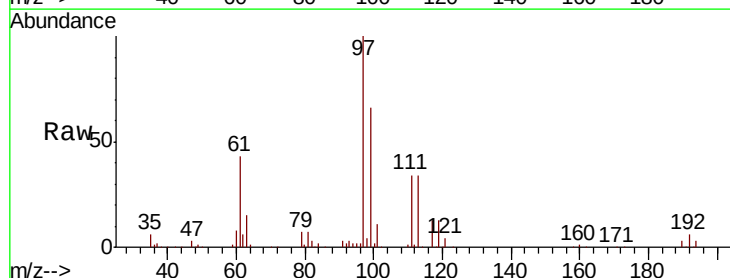


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

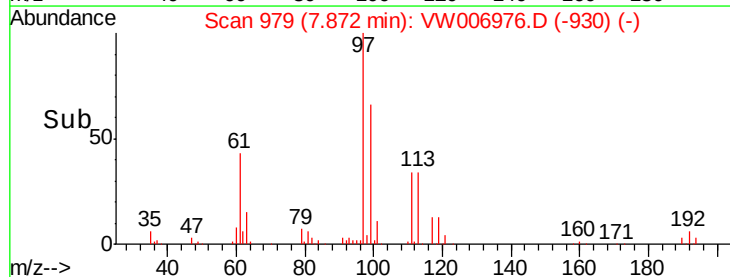
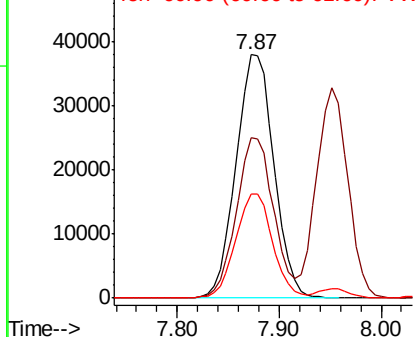


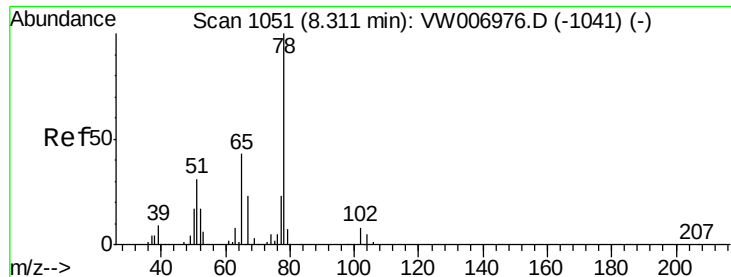
#32
1,1,1-Trichloroethane
Concen: 49.317 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 97 Resp: 97945
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 41.8 33.4 50.2



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

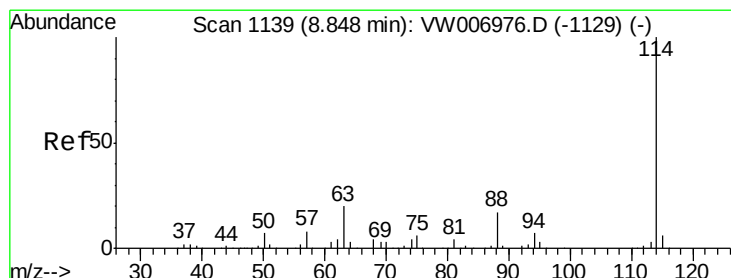
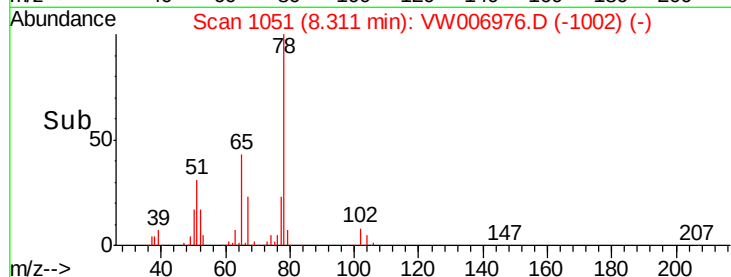
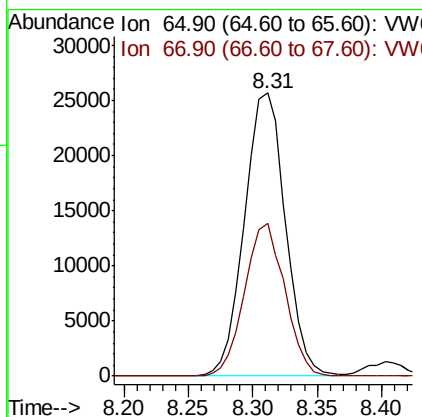
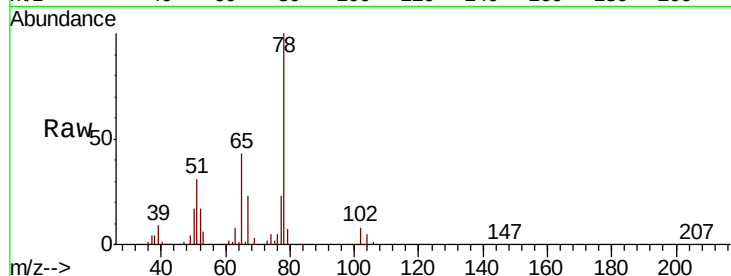




#33
 1,2-Dichloroethane-d4
 Concen: 49.408 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

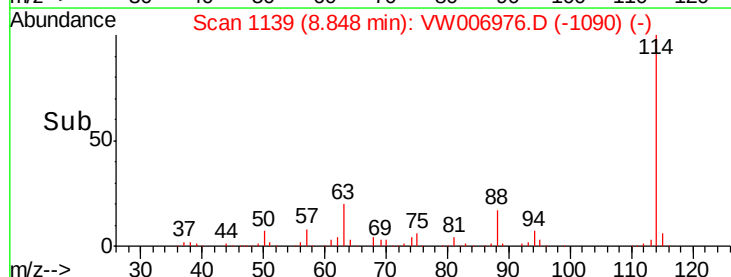
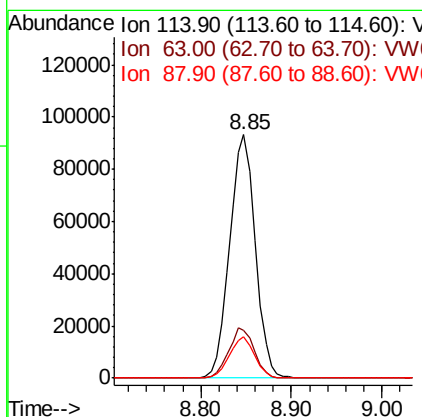
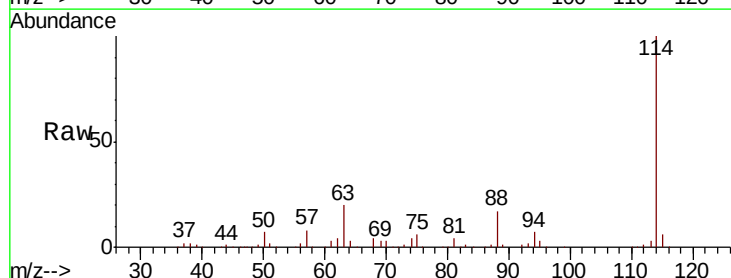
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

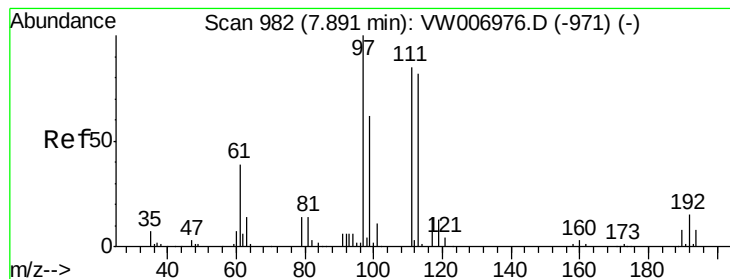
Tgt Ion: 65 Resp: 56475
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Tgt Ion: 114 Resp: 182702
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 17.1 0.0 34.2





#35

Dibromofluoromethane

Concen: 51.159 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006976.D

Acq: 20 Nov 2018 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

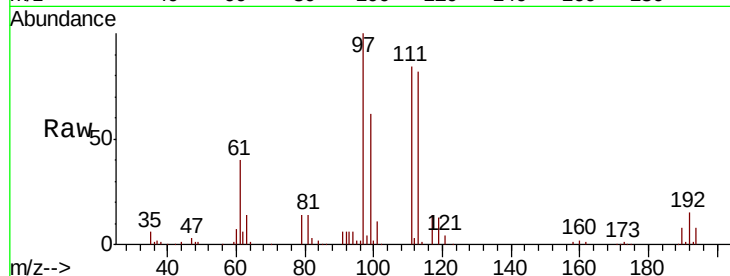
Tgt Ion:113 Resp: 52784

Ion Ratio Lower Upper

113 100

111 101.3 81.0 121.6

192 18.8 15.0 22.6

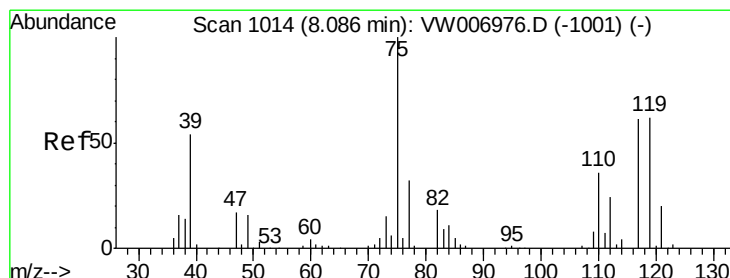
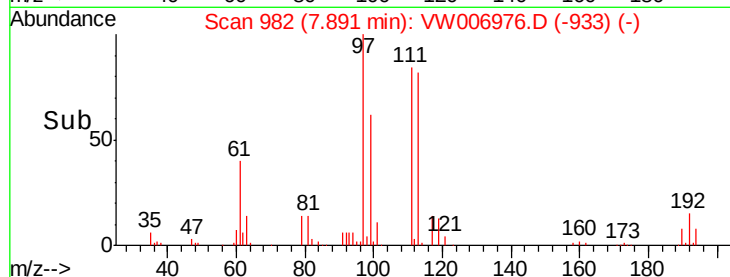
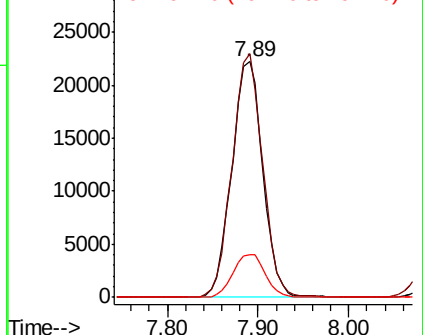


Abundance

Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.341 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006976.D

Acq: 20 Nov 2018 15:05

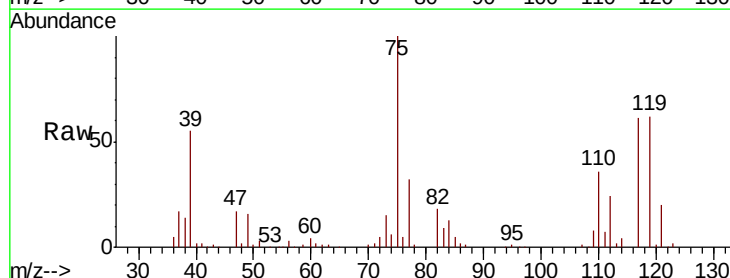
Tgt Ion: 75 Resp: 89878

Ion Ratio Lower Upper

75 100

110 36.0 18.0 54.0

77 31.1 24.9 37.3

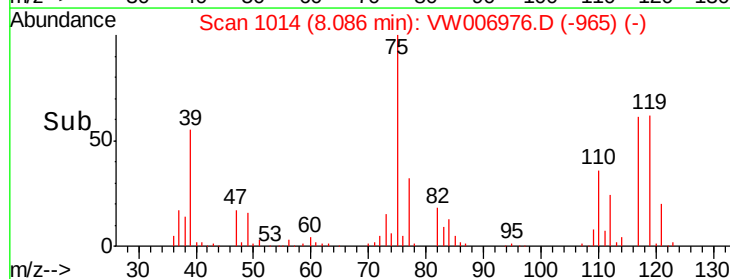
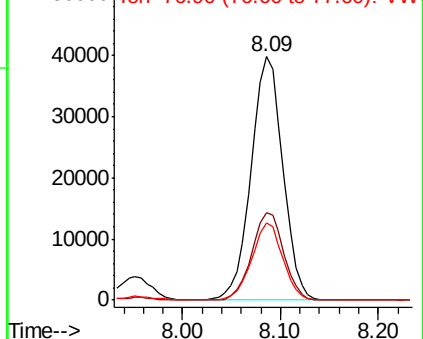


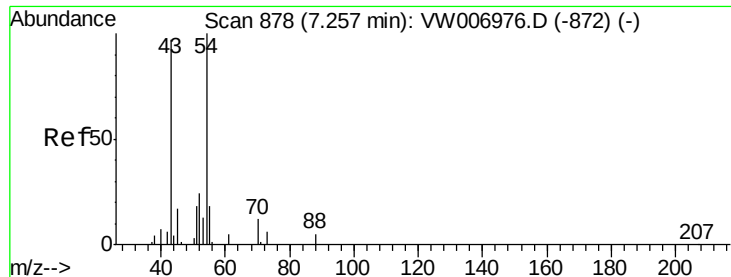
Abundance

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

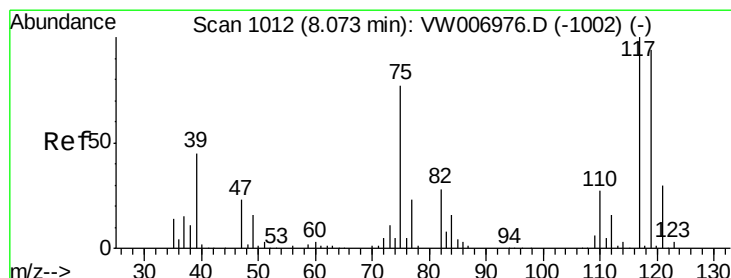
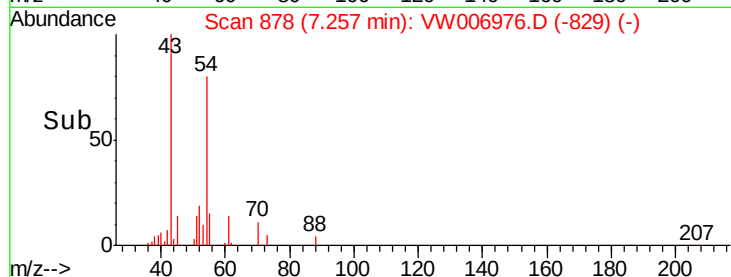
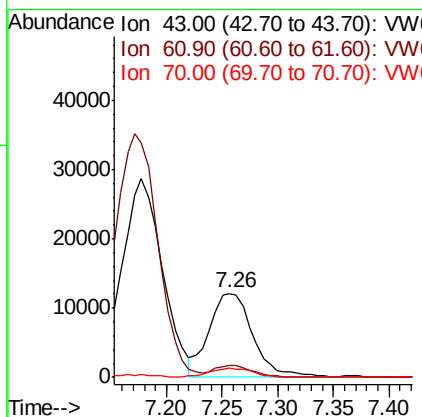
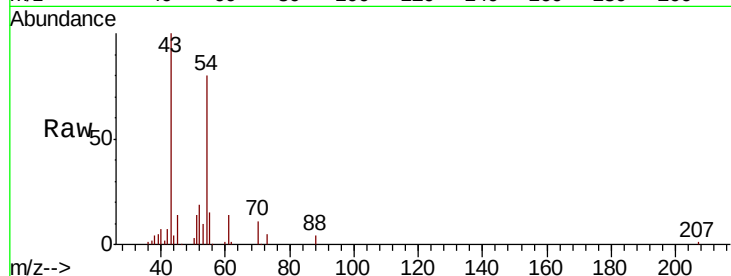




#37
 Ethyl Acetate
 Concen: 50.299 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

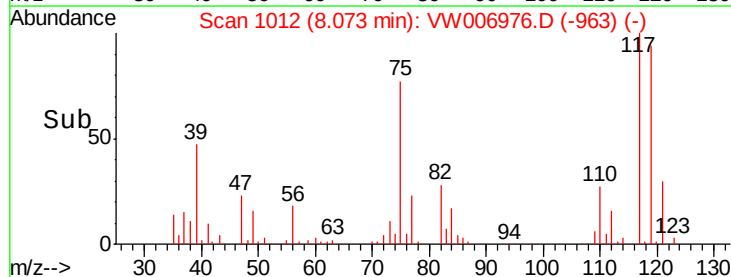
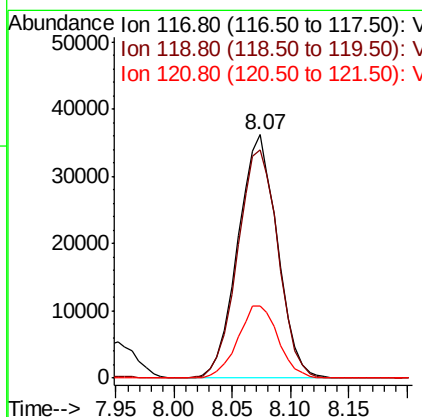
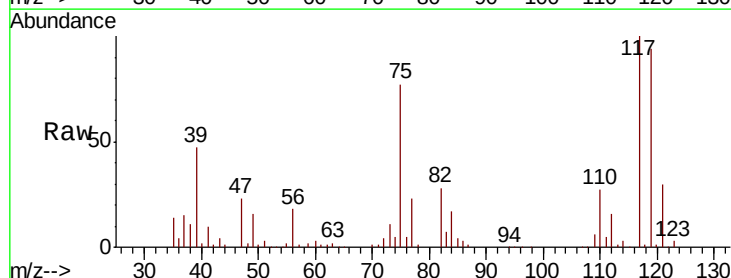
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

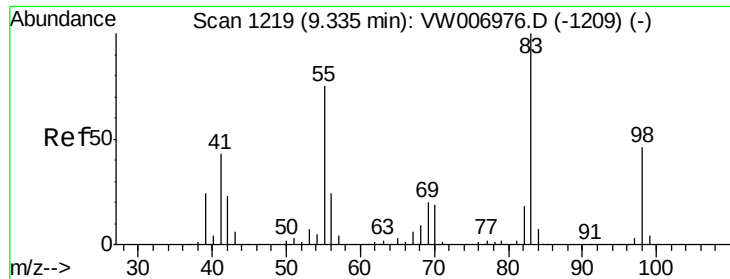
Tgt Ion: 43 Resp: 32542
 Ion Ratio Lower Upper
 43 100
 61 13.0 10.4 15.6
 70 11.0 8.8 13.2



#38
 Carbon Tetrachloride
 Concen: 50.068 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Tgt Ion: 117 Resp: 85600
 Ion Ratio Lower Upper
 117 100
 119 93.6 74.9 112.3
 121 29.5 23.6 35.4

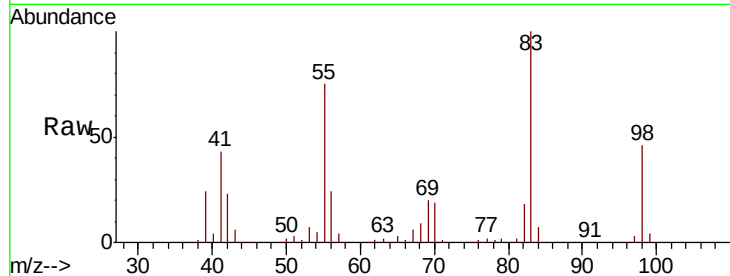




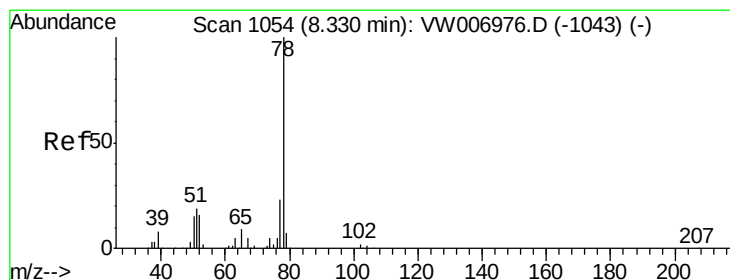
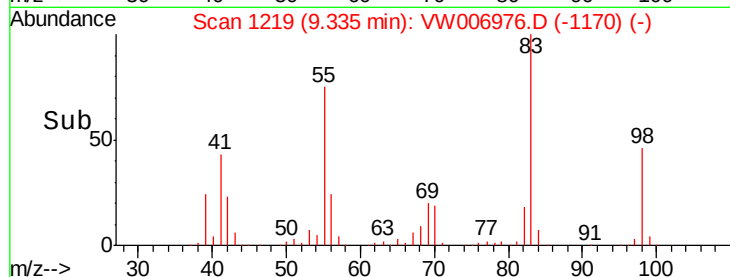
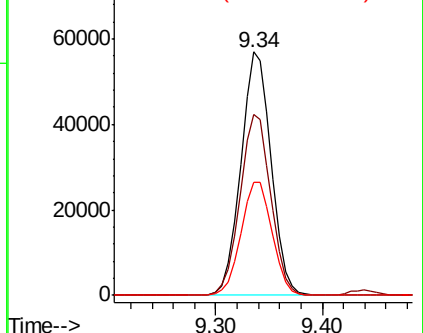
#39
Methylcyclohexane
Concen: 50.812 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 113527
Ion Ratio Lower Upper
83 100
55 74.5 59.6 89.4
98 46.4 37.1 55.7

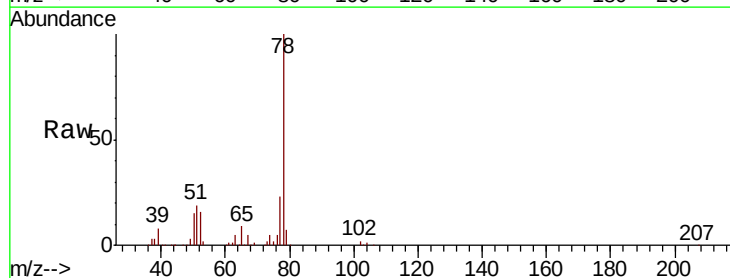


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

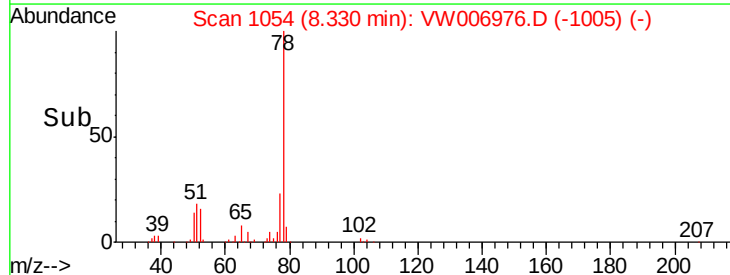
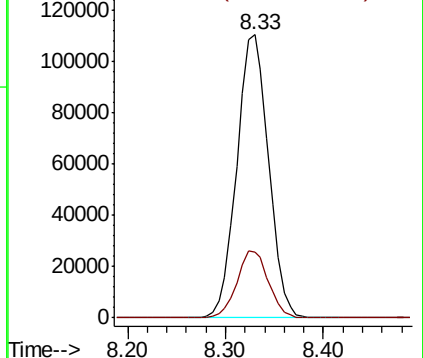


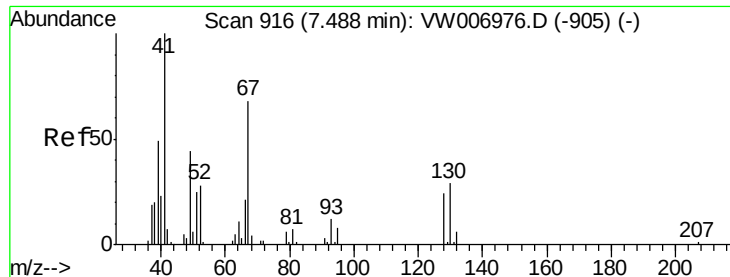
#40
Benzene
Concen: 51.481 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 78 Resp: 248105
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0



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

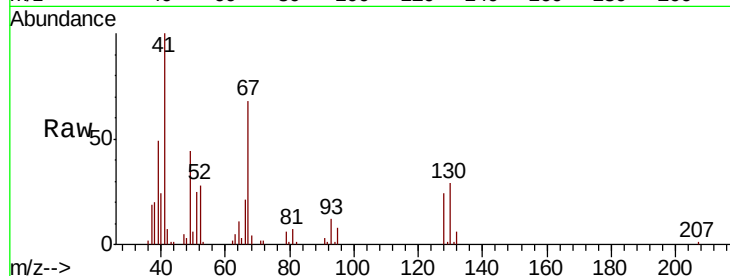




#41
Methacrylonitrile
Concen: 50.271 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	20198
Ion	Ratio	Lower	Upper
41	100		
39	60.8	48.6	73.0
67	74.8	59.8	89.8
52	31.0	24.8	37.2



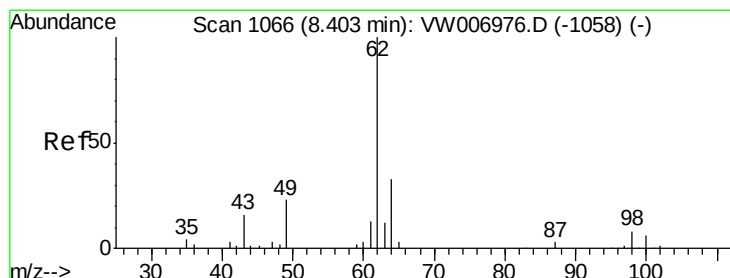
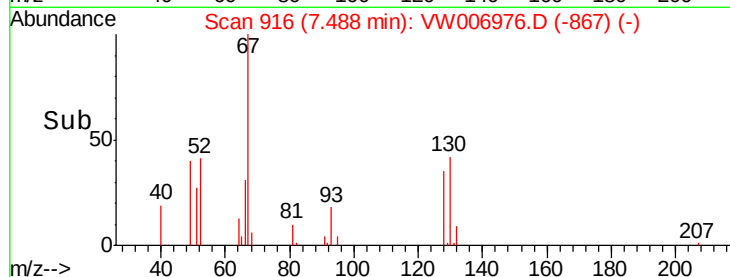
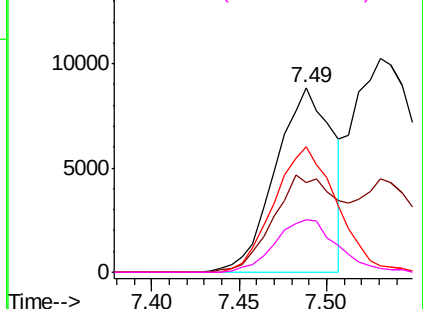
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

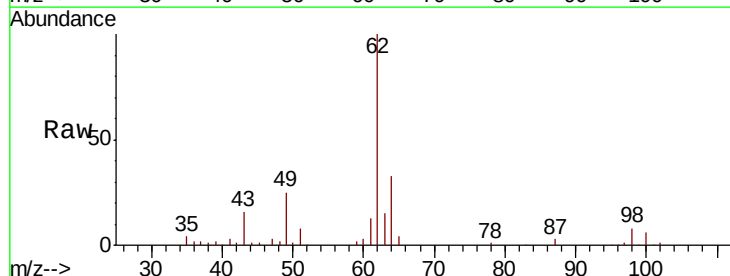
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 49.430 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

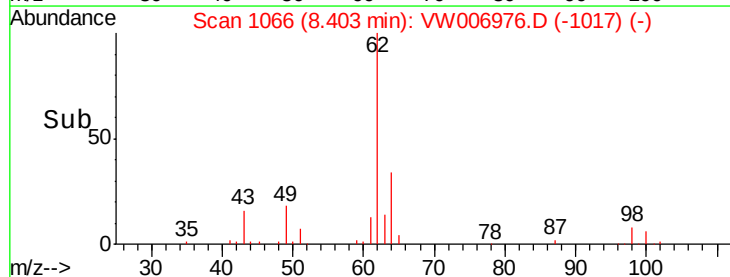
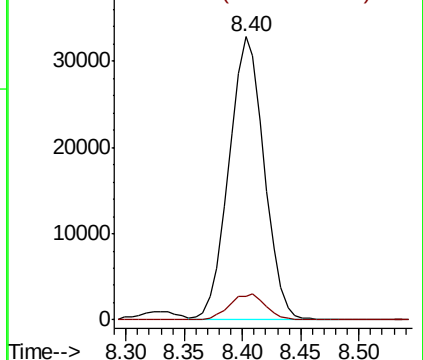
Tgt Ion:	62	Resp:	69163
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.6

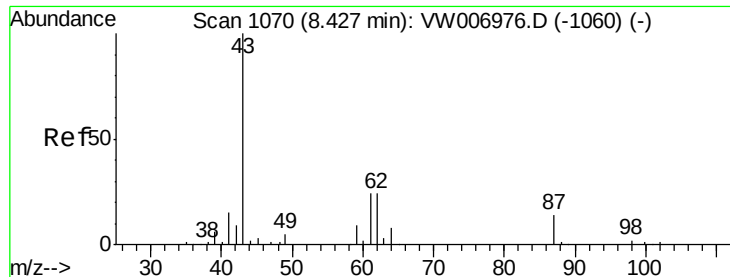


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 51.566 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006976.D

Acq: 20 Nov 2018 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

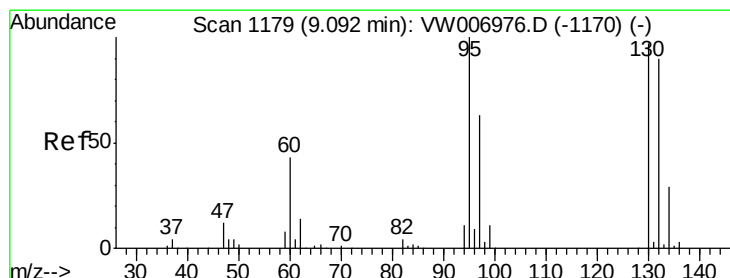
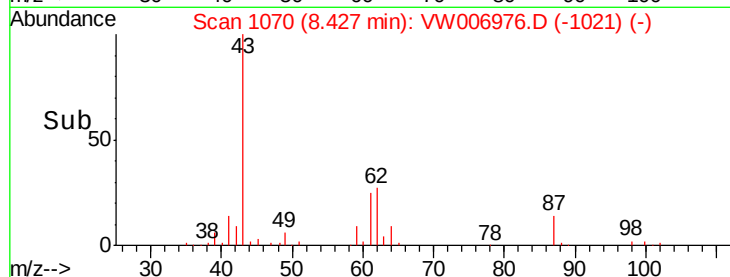
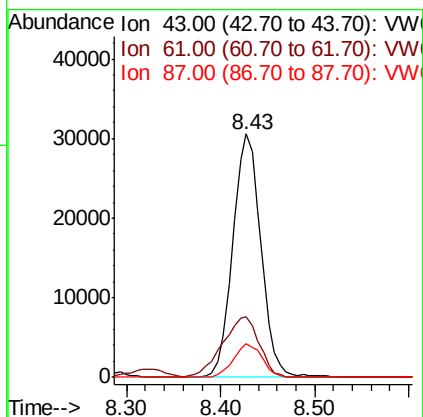
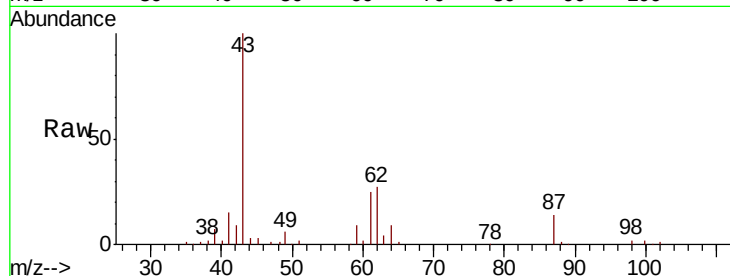
Tgt Ion: 43 Resp: 63576

Ion Ratio Lower Upper

43 100

61 32.6 26.1 39.1

87 14.0 11.2 16.8



#44

Trichloroethene

Concen: 50.844 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW006976.D

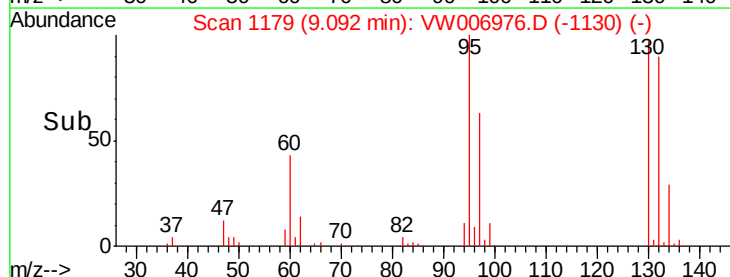
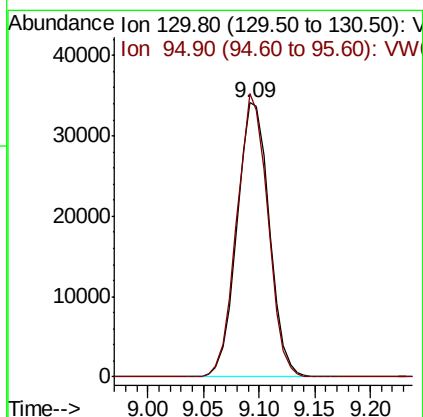
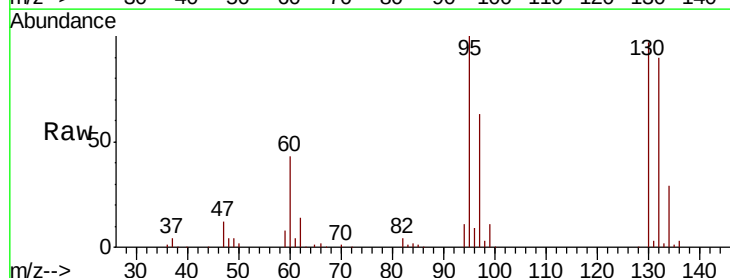
Acq: 20 Nov 2018 15:05

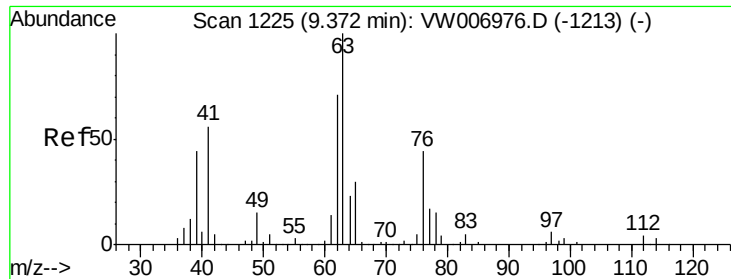
Tgt Ion: 130 Resp: 68690

Ion Ratio Lower Upper

130 100

95 103.2 0.0 206.4

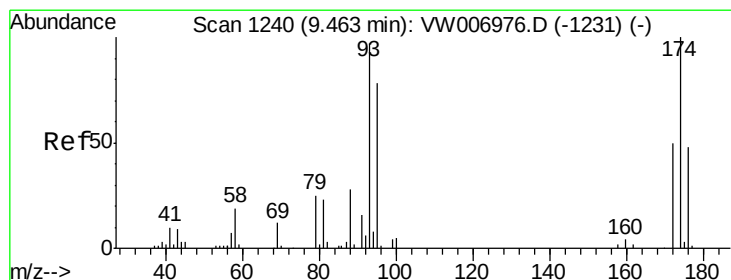
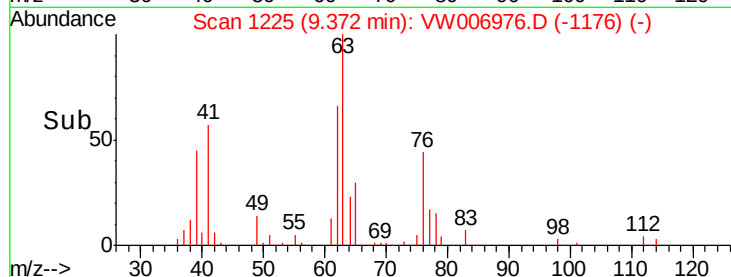
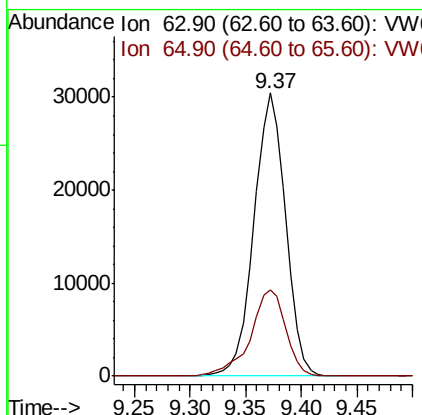
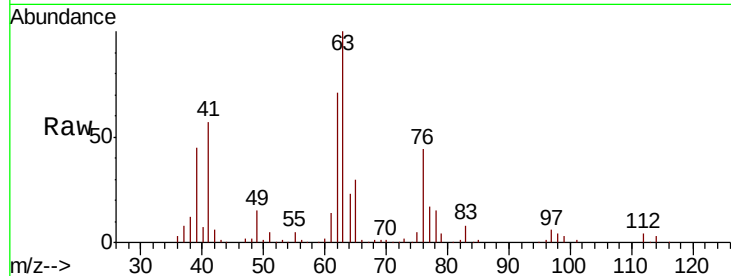




#45
 1,2-Dichloropropane
 Concen: 50.875 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

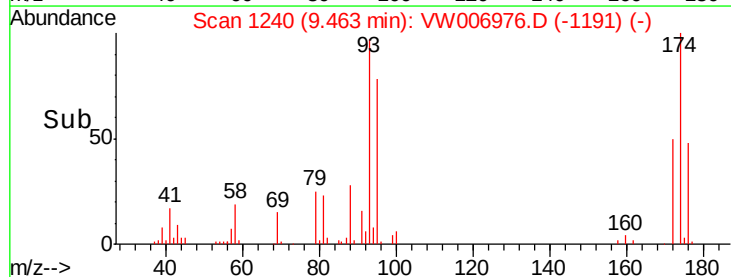
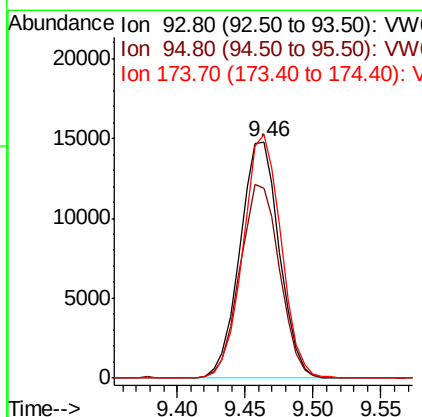
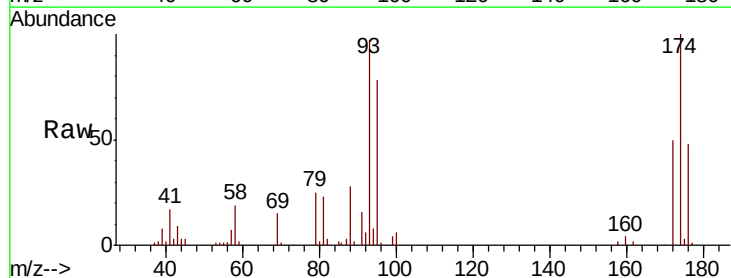
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

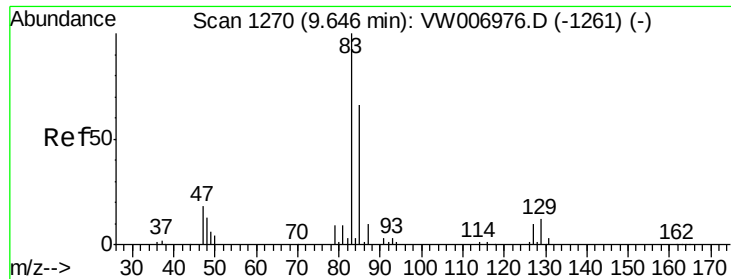
Tgt Ion: 63 Resp: 60440
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6



#46
 Dibromomethane
 Concen: 50.446 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Tgt Ion: 93 Resp: 30012
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.1 99.1
 174 99.6 79.7 119.5

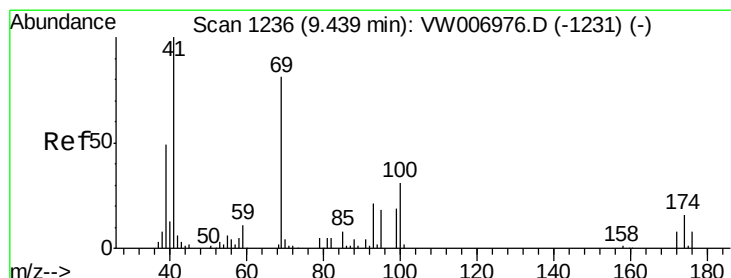
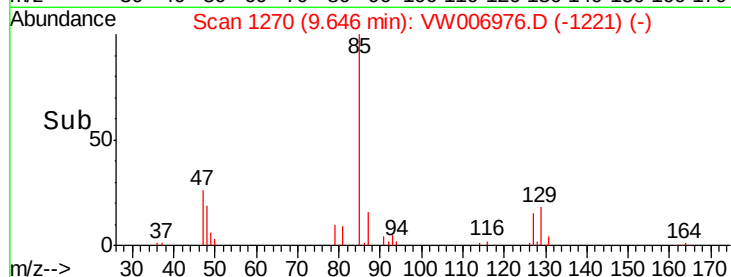
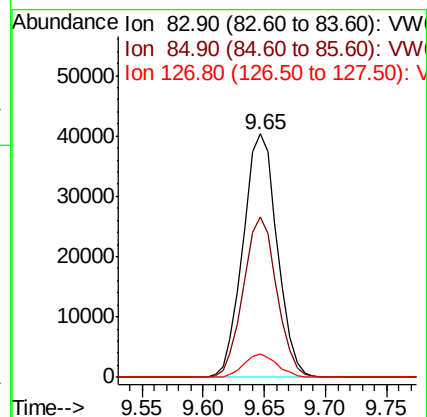
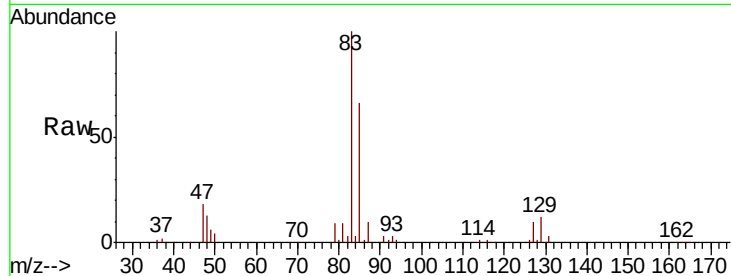




#47
Bromodichloromethane
Concen: 49.873 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

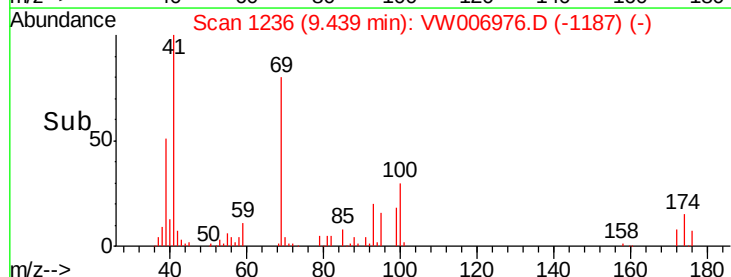
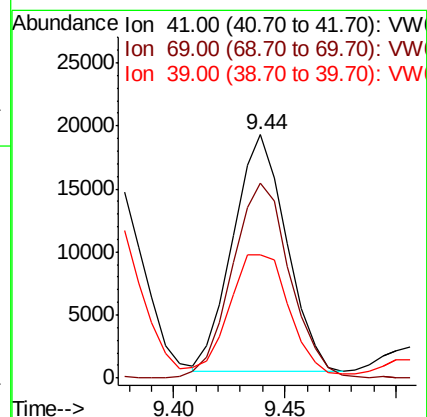
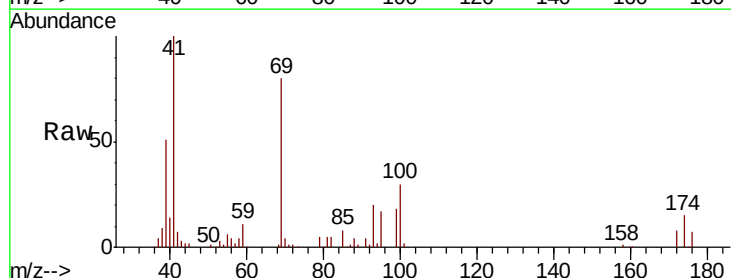
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

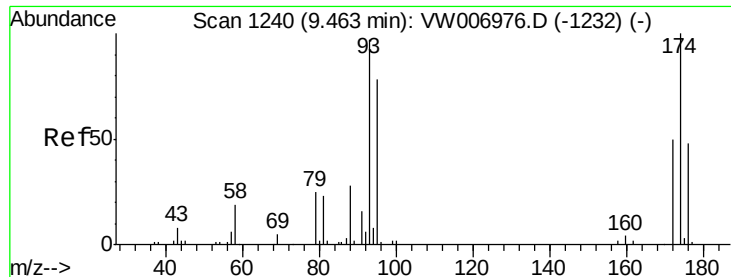
Tgt Ion: 83 Resp: 78175
Ion Ratio Lower Upper
83 100
85 66.1 52.9 79.3
127 9.7 7.8 11.6



#48
Methyl methacrylate
Concen: 52.666 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 41 Resp: 31309
Ion Ratio Lower Upper
41 100
69 89.2 71.4 107.0
39 56.0 44.8 67.2

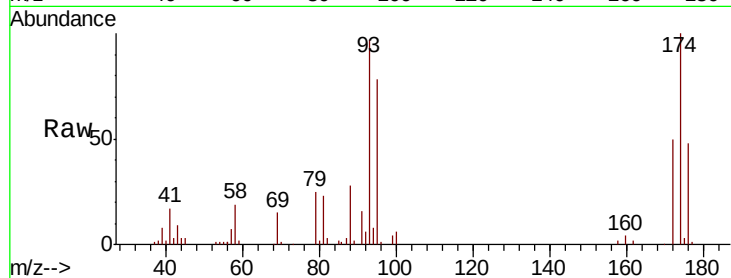




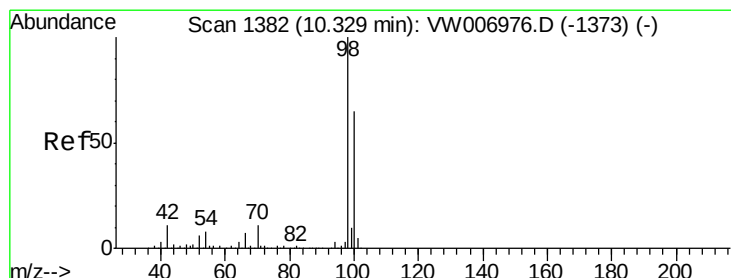
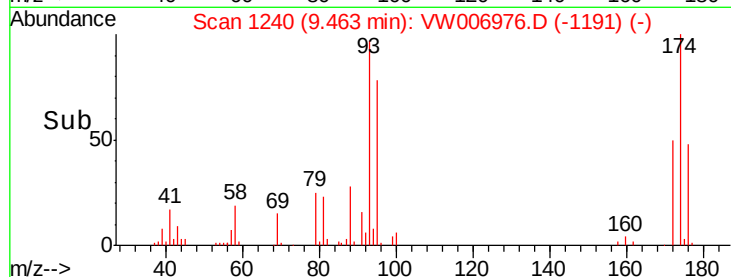
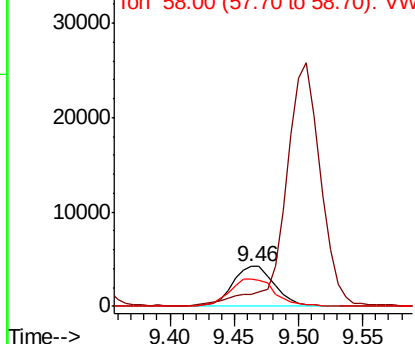
#49
1,4-Dioxane
Concen: 1088.374 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 9624
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 73.8 59.0 88.6

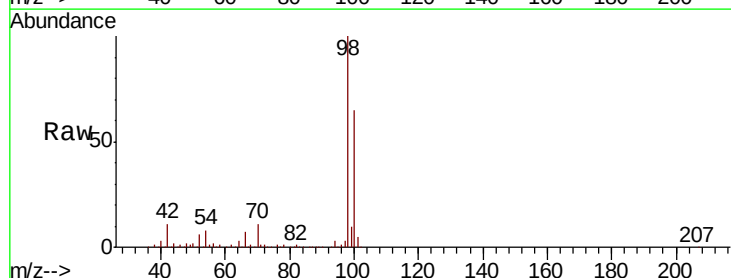


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

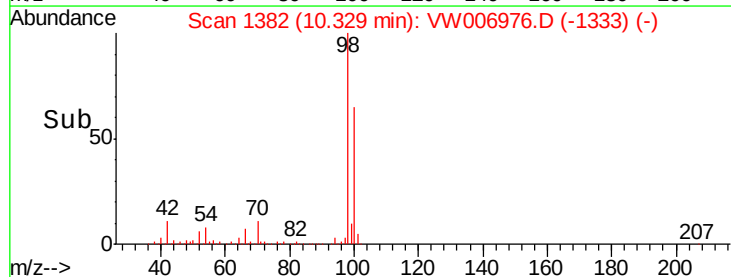
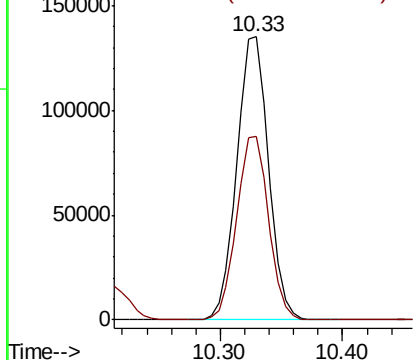


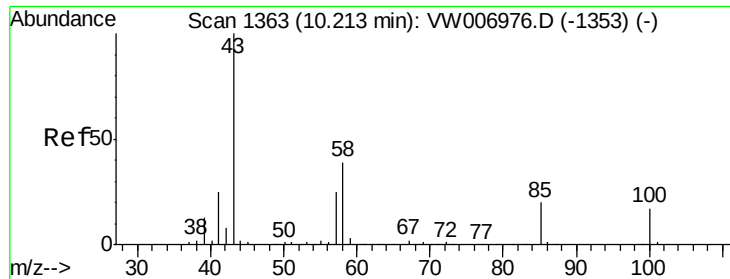
#50
Toluene-d8
Concen: 53.163 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 98 Resp: 242220
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



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

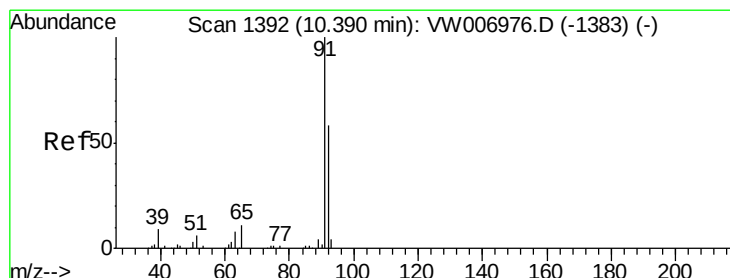
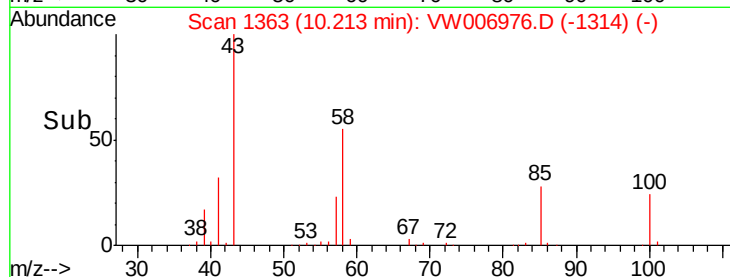
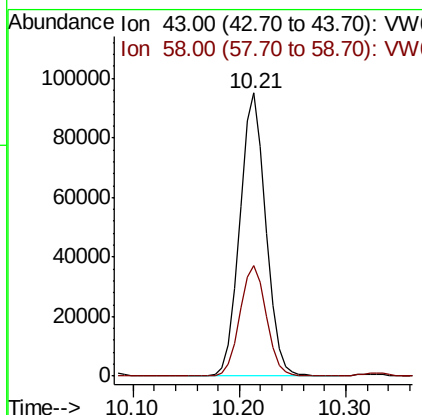
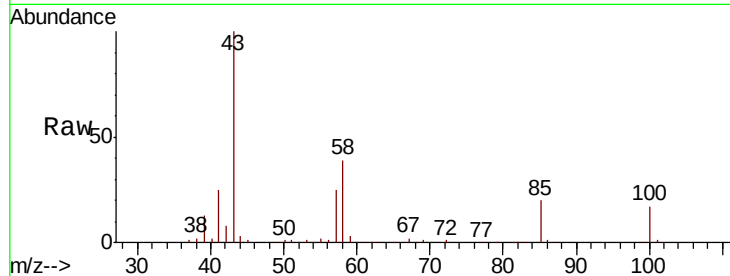




#51
 4-Methyl-2-Pentanone
 Concen: 261.652 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

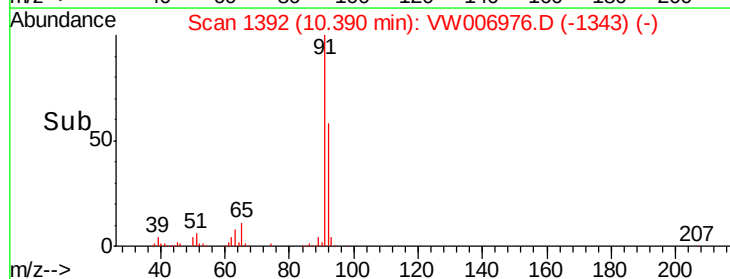
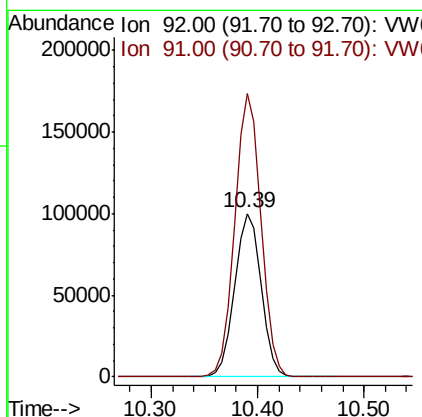
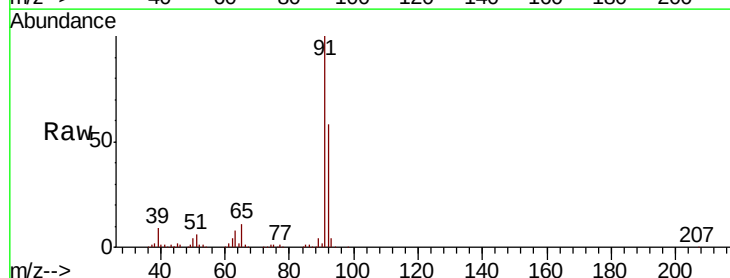
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

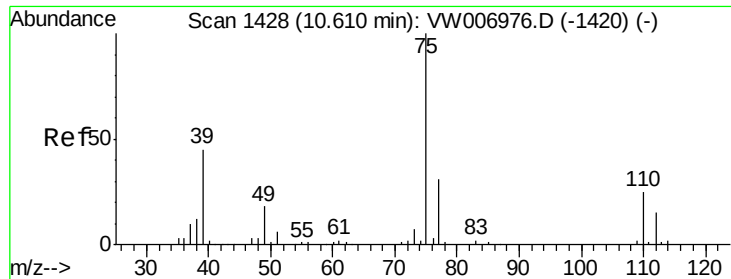
Tgt Ion: 43 Resp: 163025
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.8 47.6



#52
 Toluene
 Concen: 53.208 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Tgt Ion: 92 Resp: 174510
 Ion Ratio Lower Upper
 92 100
 91 171.6 137.3 205.9

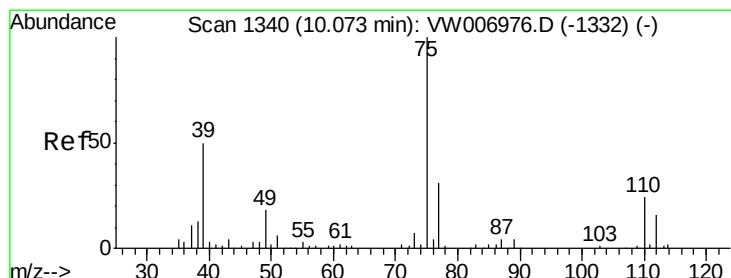
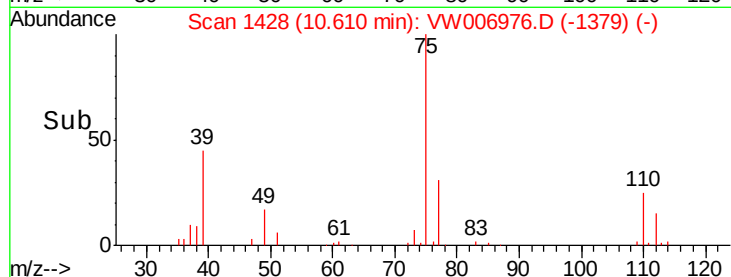
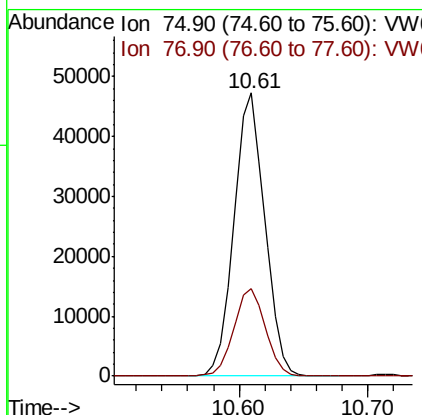
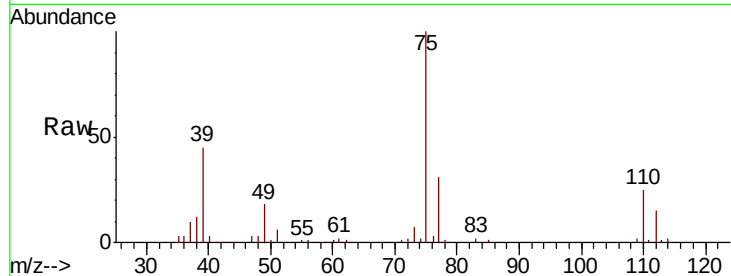




#53
t-1,3-Dichloropropene
Concen: 51.651 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

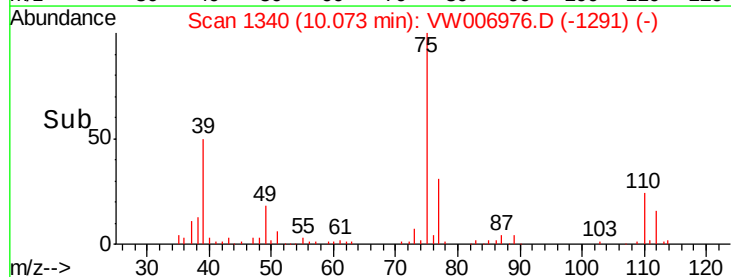
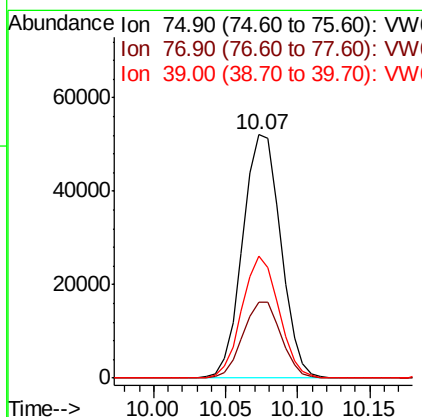
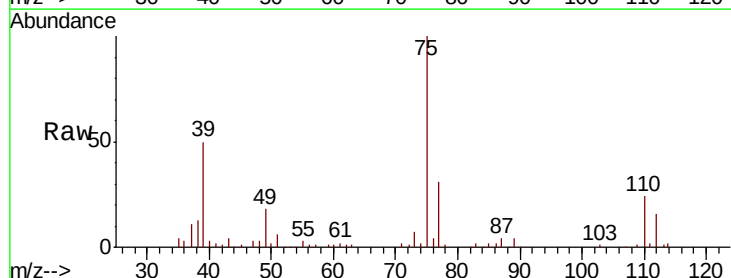
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

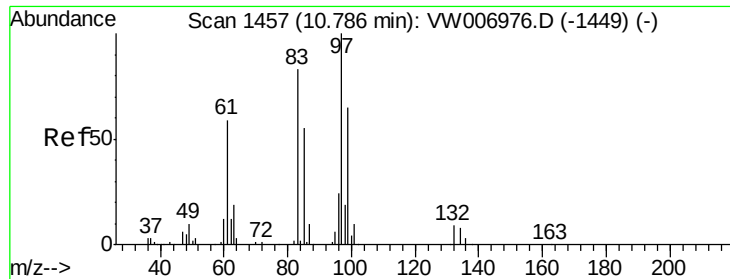
Tgt Ion: 75 Resp: 78428
Ion Ratio Lower Upper
75 100
77 30.9 24.7 37.1



#54
cis-1,3-Dichloropropene
Concen: 52.108 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 75 Resp: 95590
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 49.9 39.9 59.9

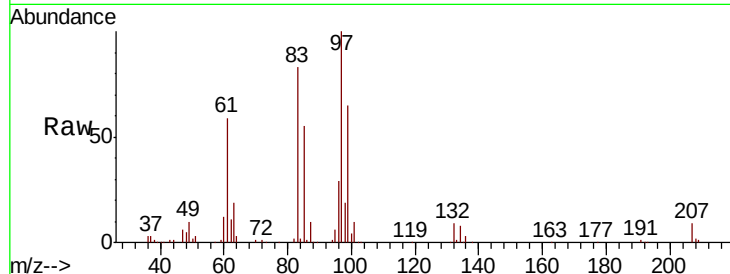




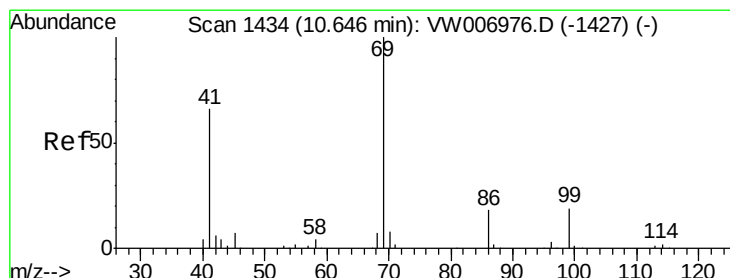
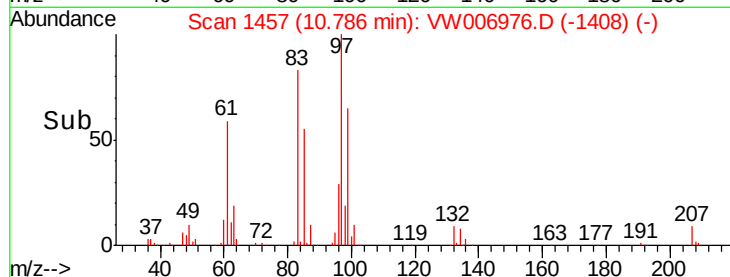
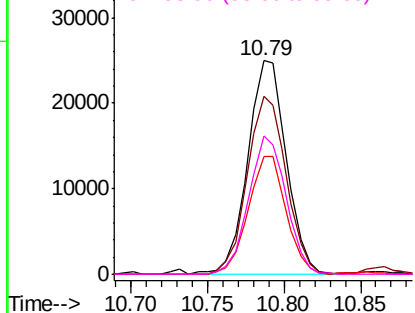
#55
 1,1,2-Trichloroethane
 Concen: 50.096 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	43849
Ion	Ratio	Lower	Upper
97	100		
83	83.0	66.4	99.6
85	55.1	44.1	66.1
99	64.6	51.7	77.5

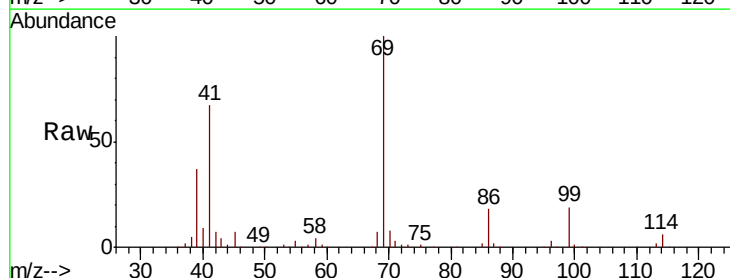


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

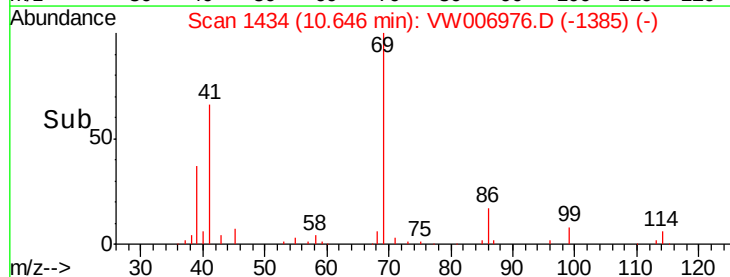
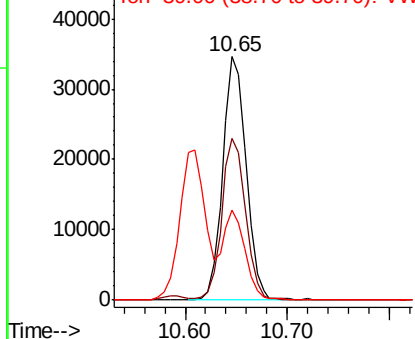


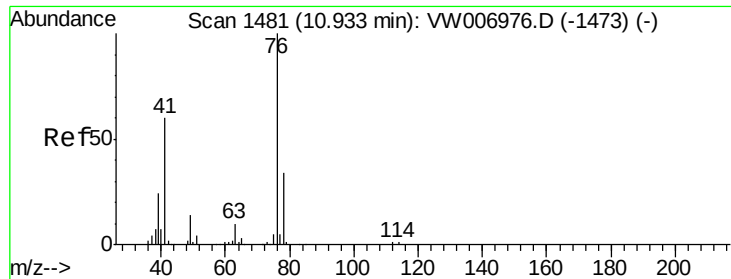
#56
 Ethyl methacrylate
 Concen: 54.373 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Tgt Ion:	69	Resp:	55245
Ion	Ratio	Lower	Upper
69	100		
41	66.7	53.4	80.0
39	35.3	28.2	42.4



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

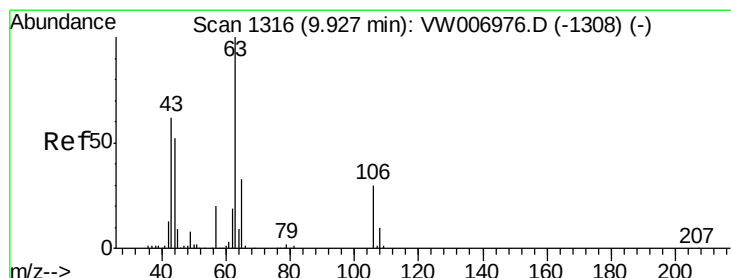
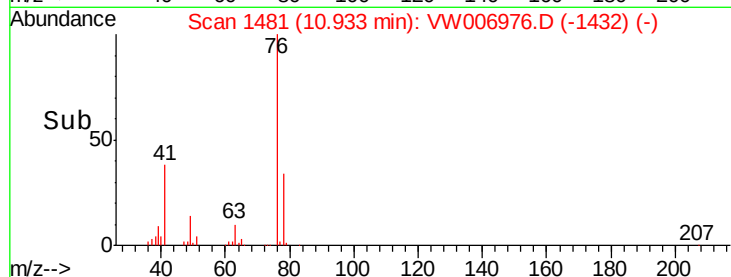
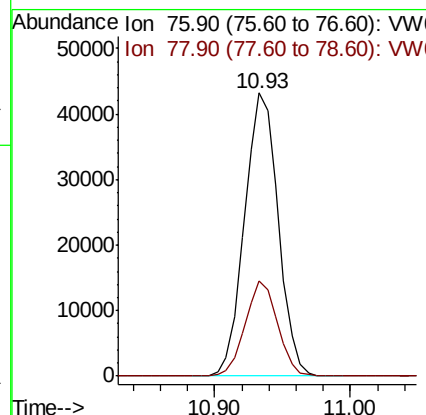
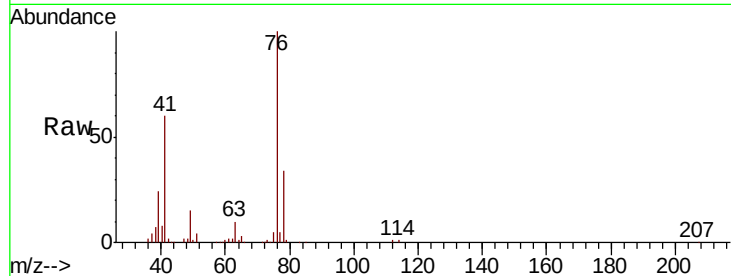




#57
 1,3-Dichloropropane
 Concen: 51.075 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

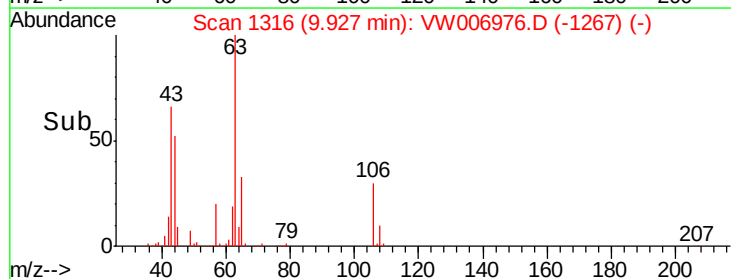
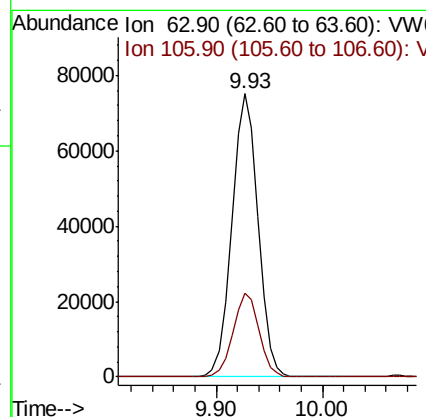
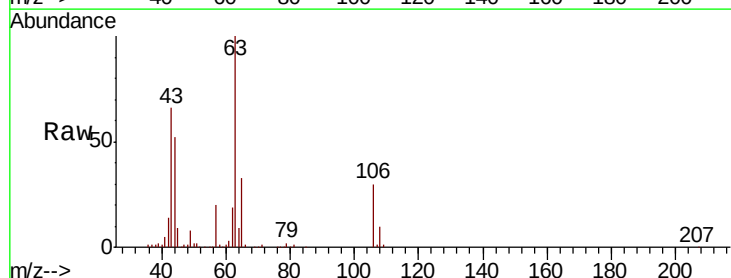
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

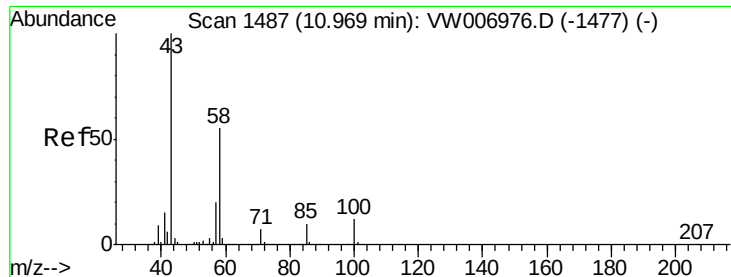
Tgt Ion: 76 Resp: 74920
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.875 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Tgt Ion: 63 Resp: 128950
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.5 35.3

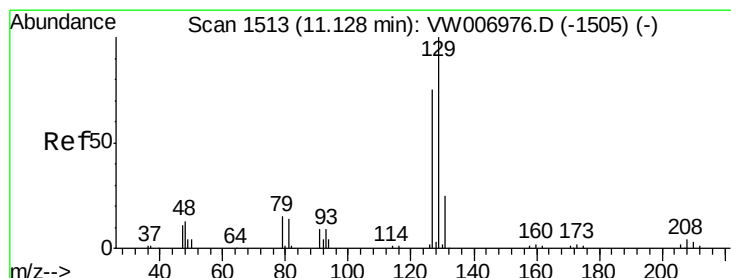
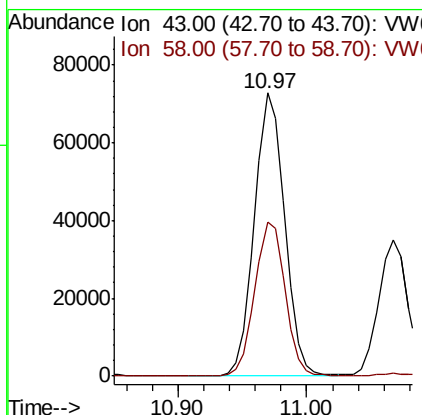
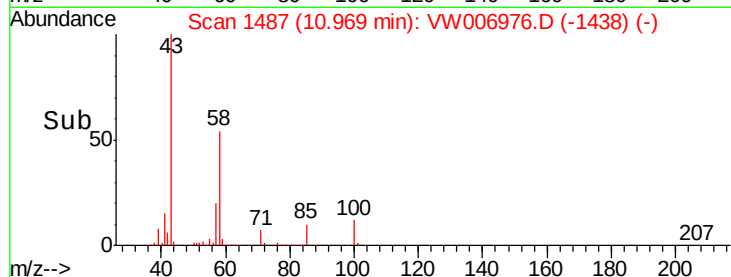
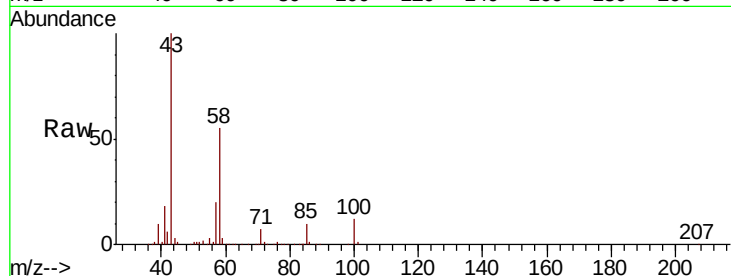




#59
2-Hexanone
Concen: 277.104 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

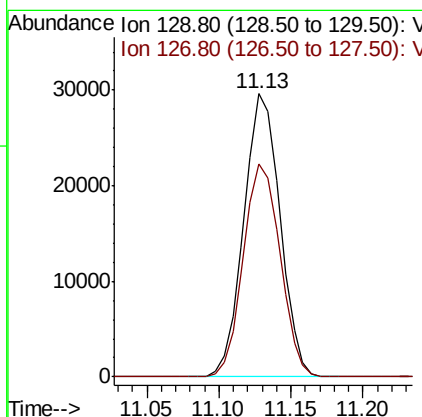
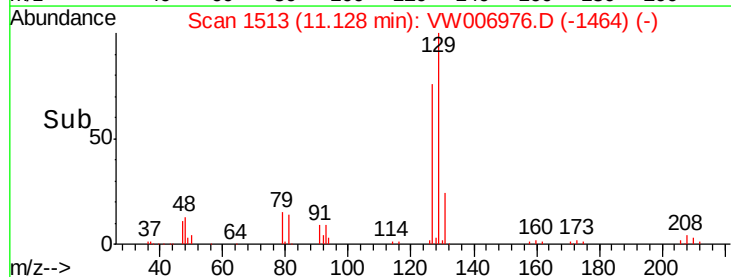
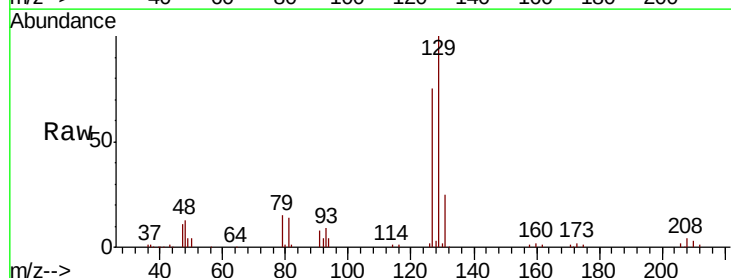
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

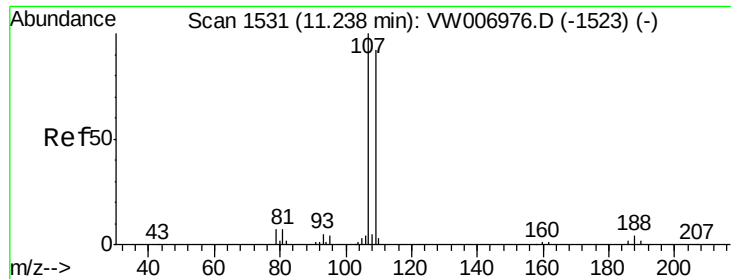
Tgt Ion: 43 Resp: 118231
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8



#60
Dibromochloromethane
Concen: 51.797 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 129 Resp: 51661
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8

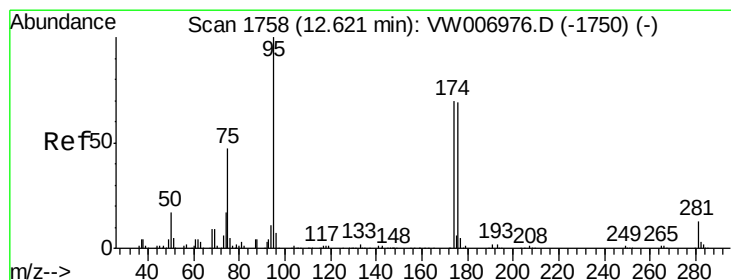
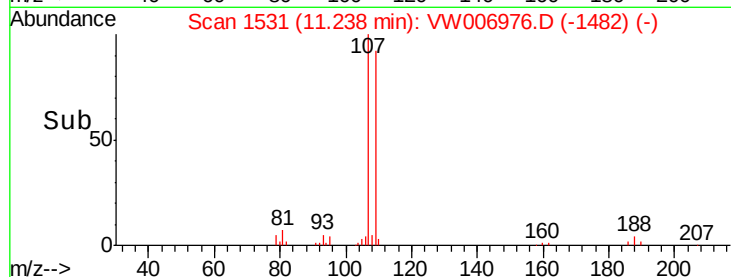
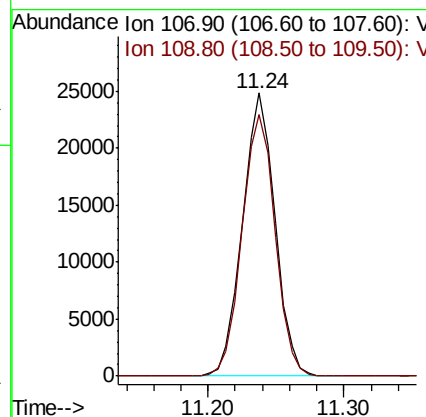
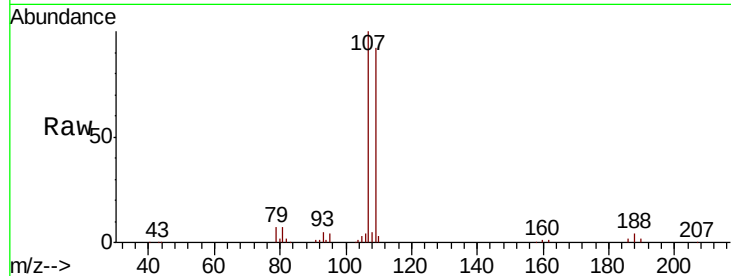




#61
 1,2-Dibromoethane
 Concen: 51.849 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

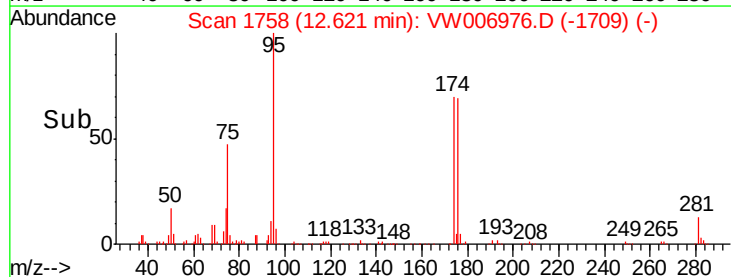
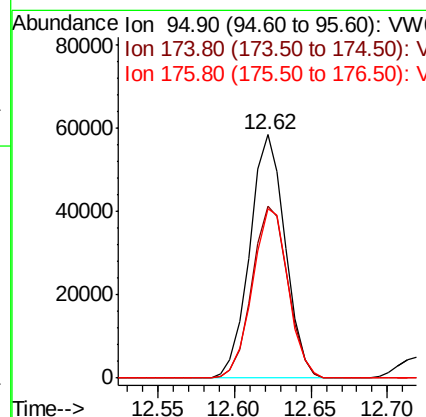
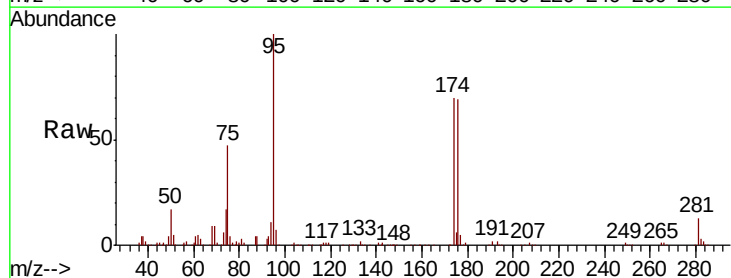
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

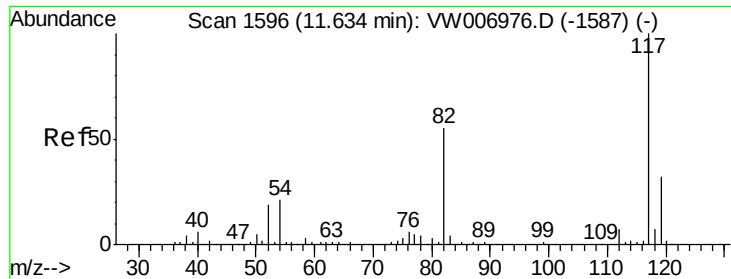
Tgt Ion: 107 Resp: 41516
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 52.393 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Tgt Ion: 95 Resp: 93936
 Ion Ratio Lower Upper
 95 100
 174 71.8 0.0 143.6
 176 70.2 0.0 140.4

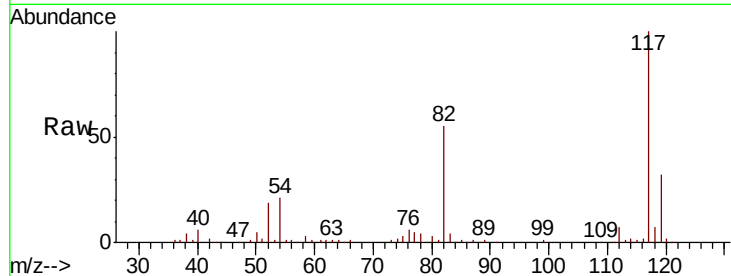




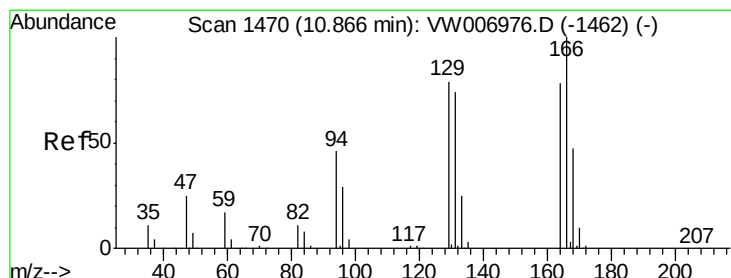
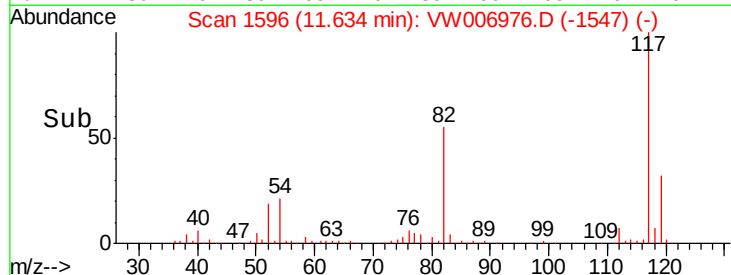
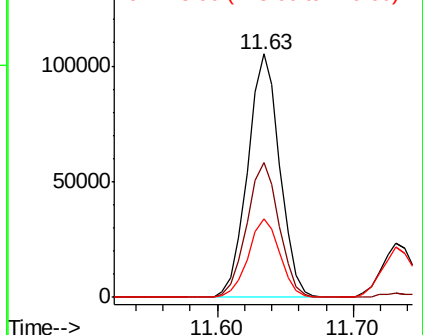
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 173491
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 32.4 25.9 38.9

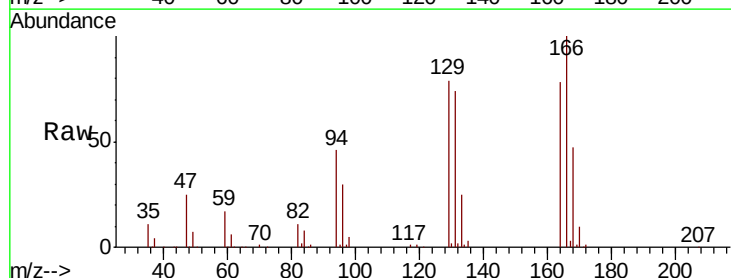


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

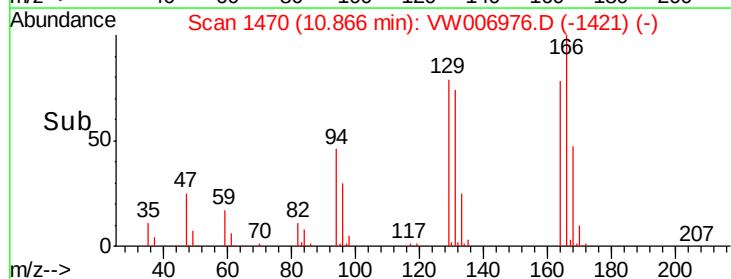
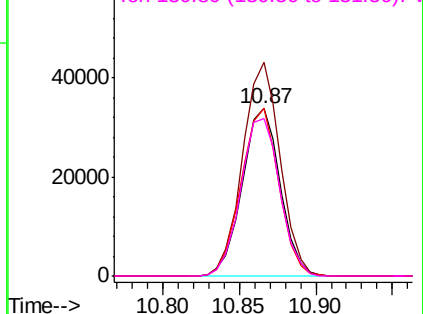


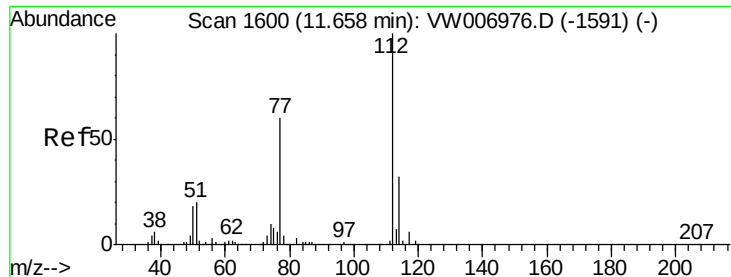
#64
Tetrachloroethene
Concen: 52.223 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion:164 Resp: 58286
Ion Ratio Lower Upper
164 100
166 127.6 102.1 153.1
129 100.5 80.4 120.6
131 94.0 75.2 112.8



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

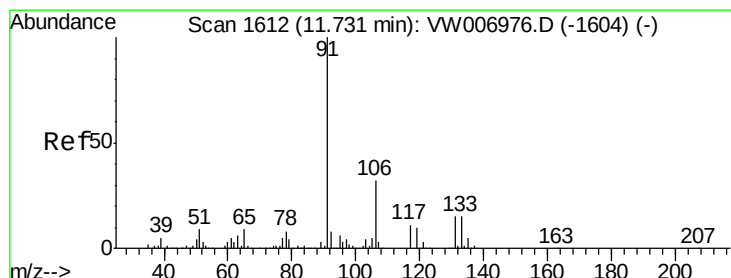
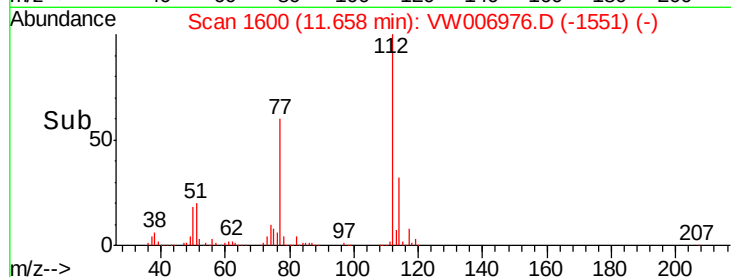
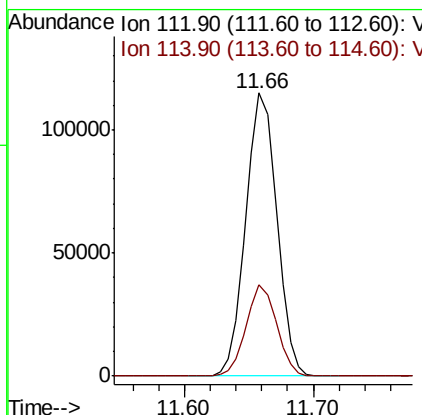
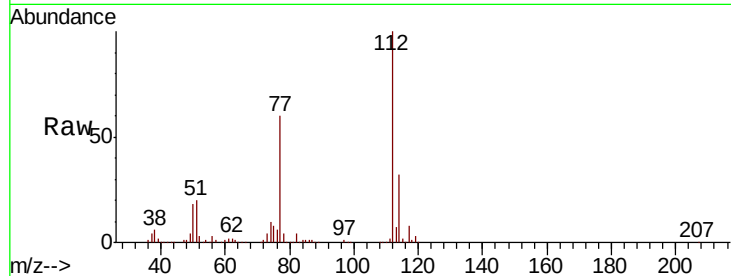




#65
Chlorobenzene
Concen: 53.029 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

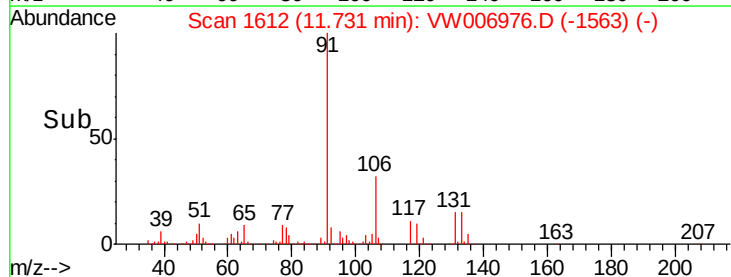
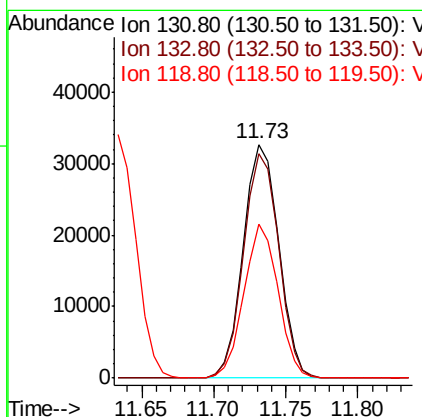
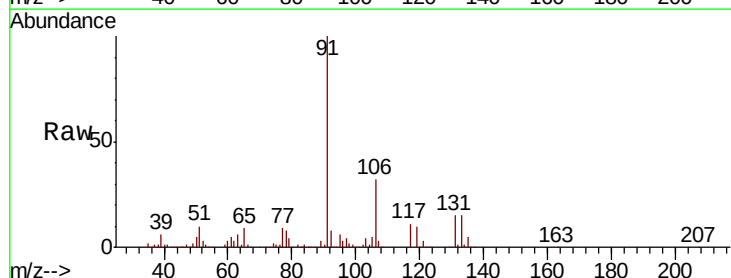
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

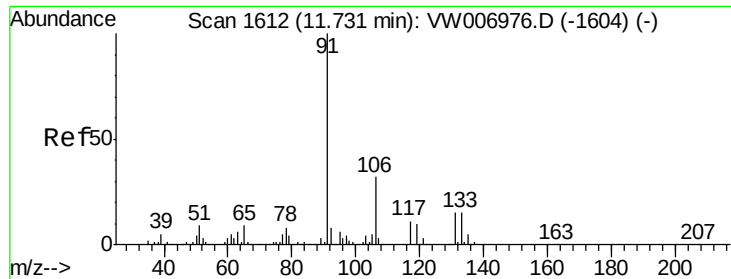
Tgt Ion:112 Resp: 192019
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.943 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion:131 Resp: 55802
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 63.5 31.8 95.3

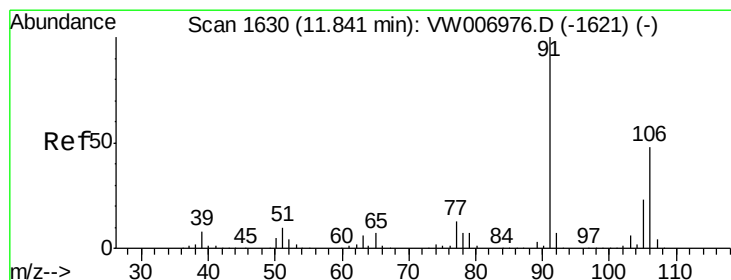
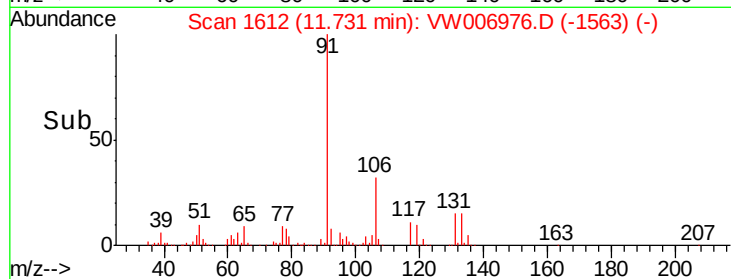
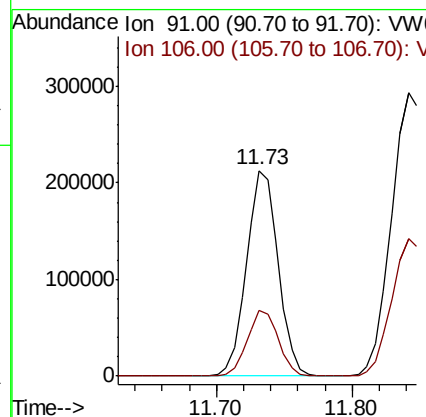
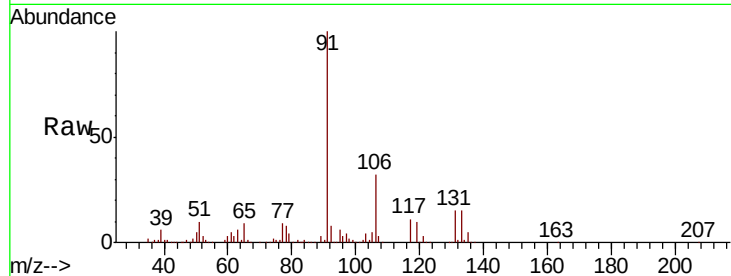




#67
Ethyl Benzene
Concen: 51.889 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

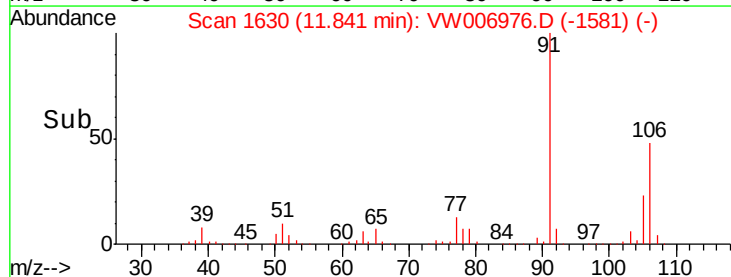
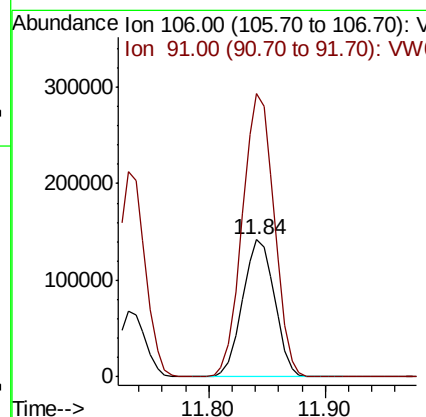
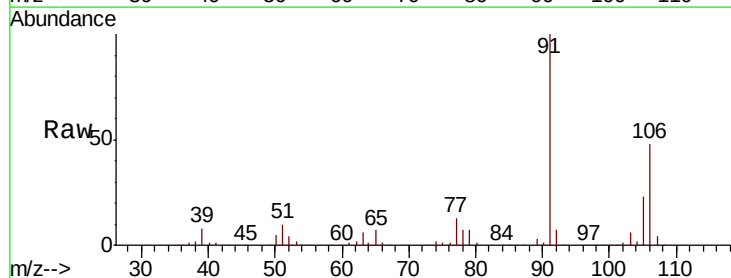
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

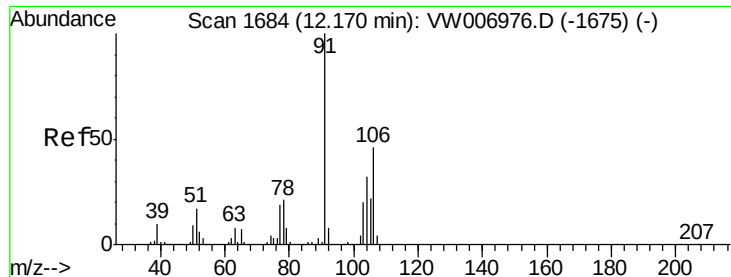
Tgt Ion: 91 Resp: 345165
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2



#68
m/p-Xylenes
Concen: 104.392 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 106 Resp: 272442
Ion Ratio Lower Upper
106 100
91 206.0 164.8 247.2

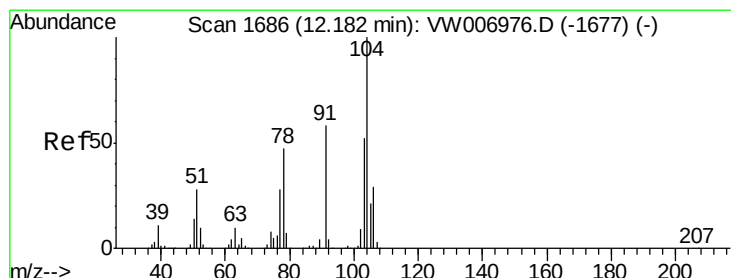
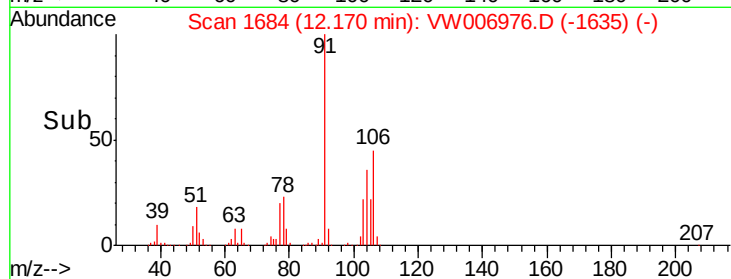
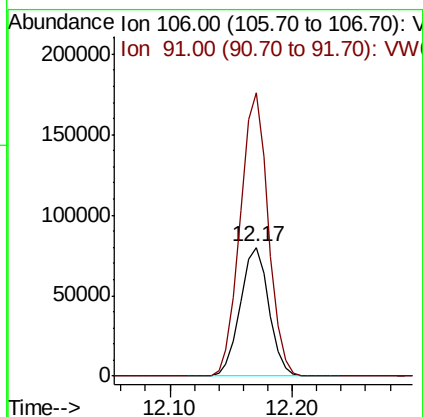
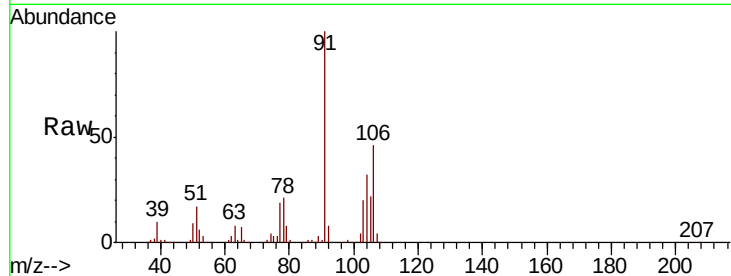




#69
o-Xylene
Concen: 52.446 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

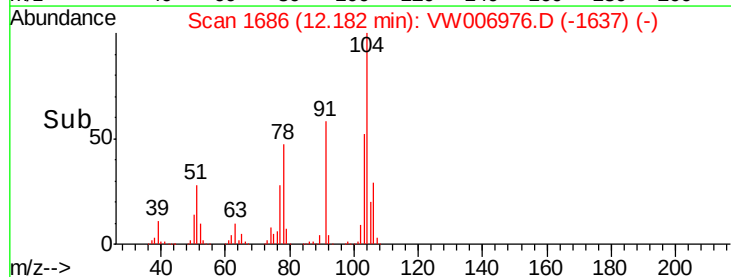
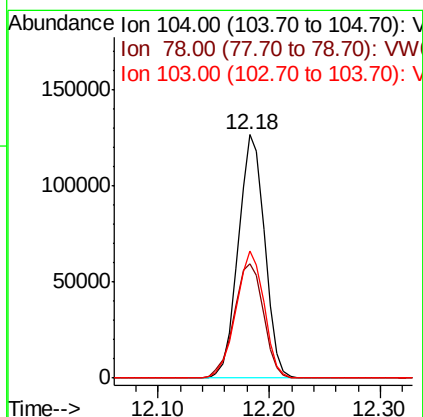
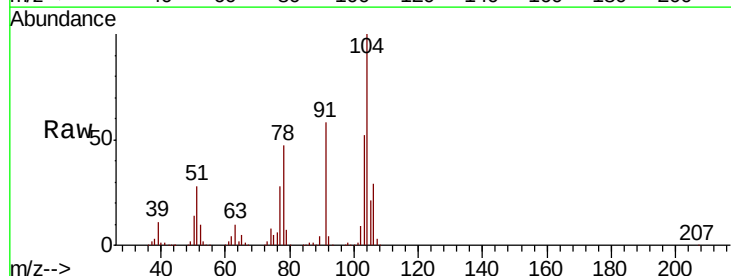
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

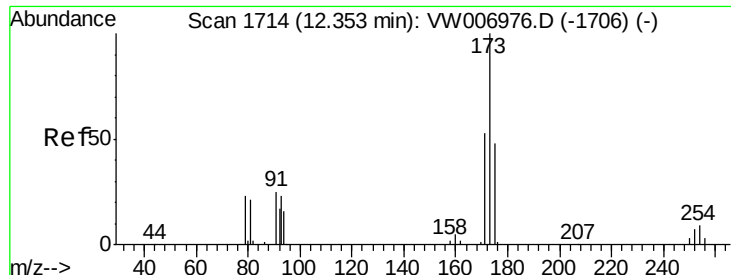
Tgt Ion:106 Resp: 129061
Ion Ratio Lower Upper
106 100
91 215.9 107.9 323.8



#70
Styrene
Concen: 52.965 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion:104 Resp: 207443
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.8
103 55.5 44.4 66.6

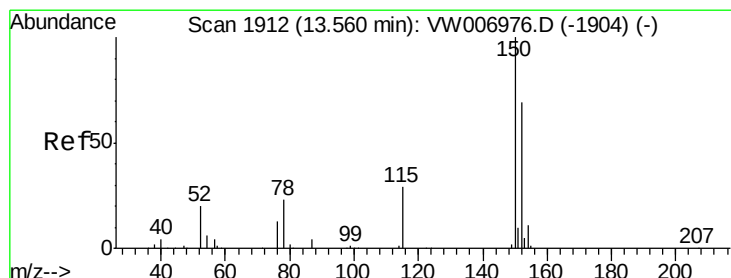
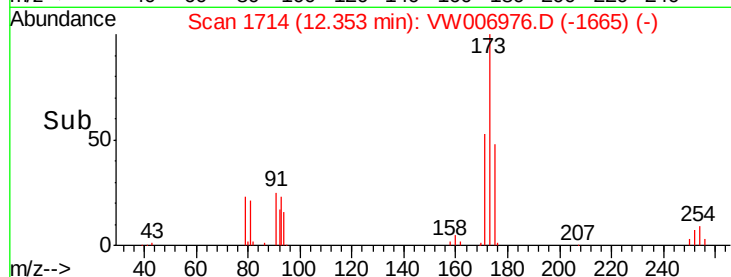
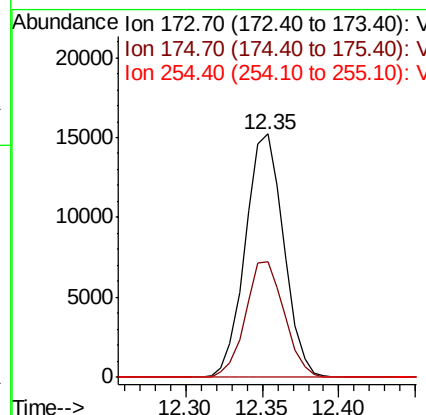
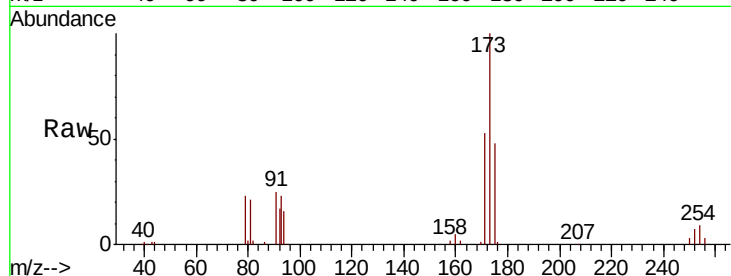




#71
Bromoform
Concen: 51.429 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

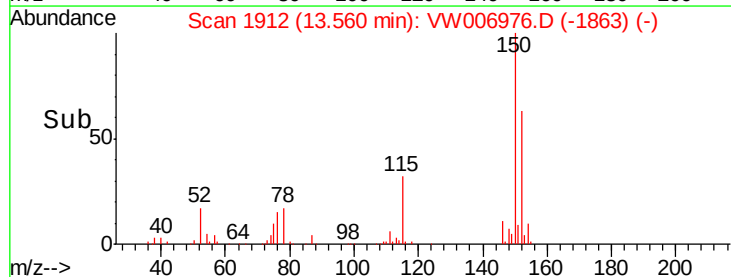
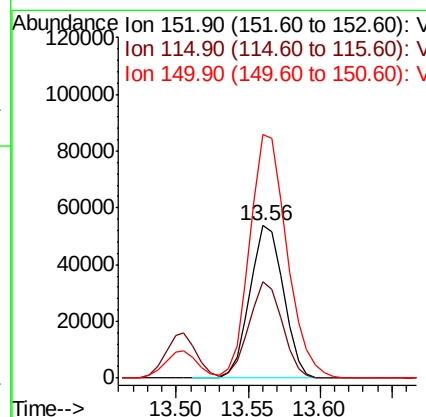
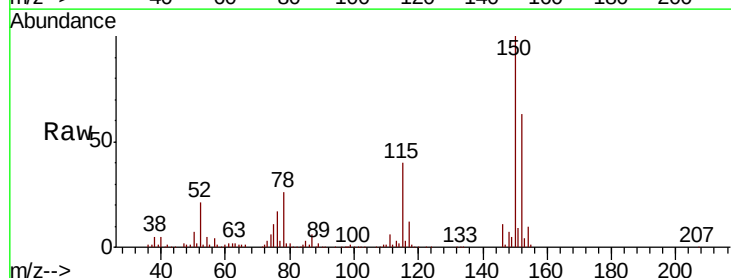
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

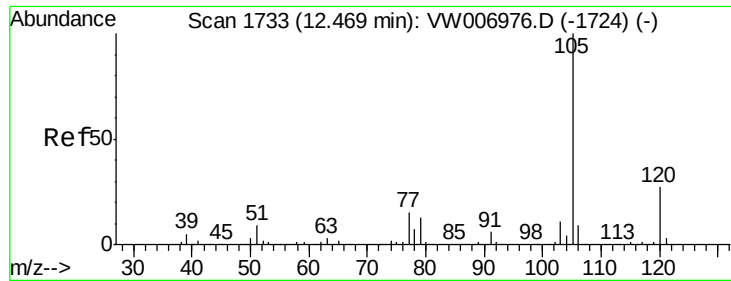
Tgt Ion:173 Resp: 26538
Ion Ratio Lower Upper
173 100
175 48.0 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion:152 Resp: 86561
Ion Ratio Lower Upper
152 100
115 62.8 31.4 94.2
150 176.7 0.0 353.4

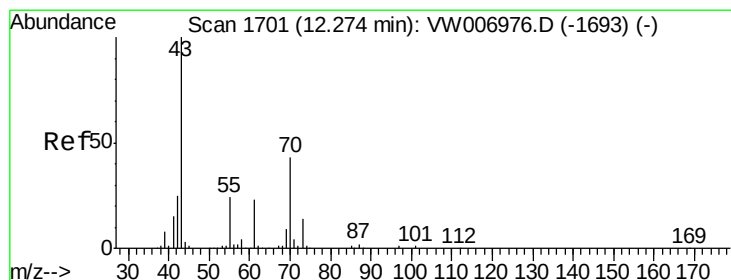
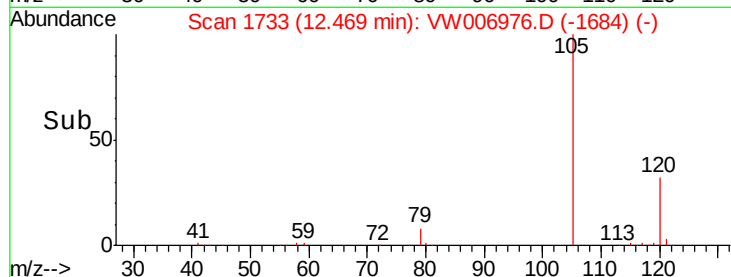
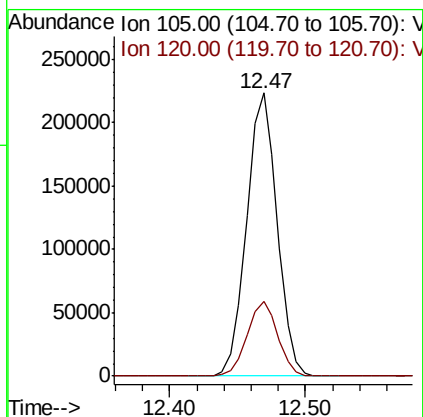
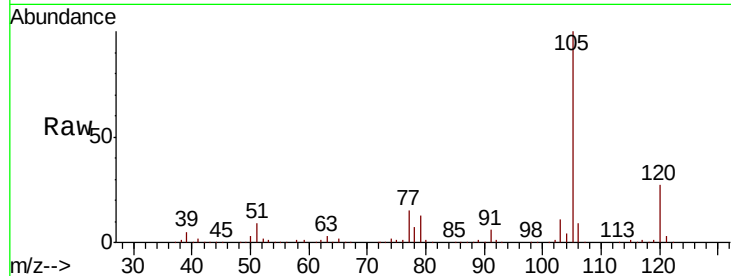




#73
Isopropylbenzene
Concen: 52.001 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

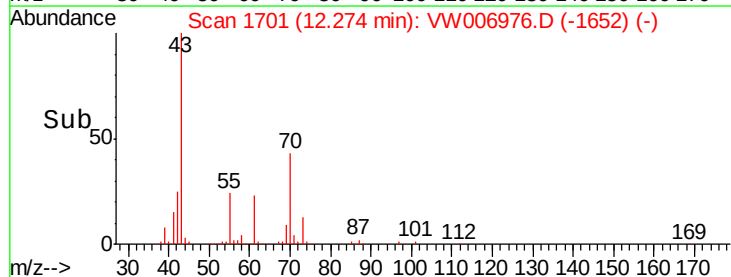
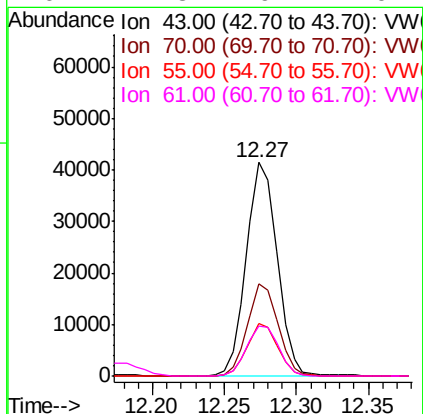
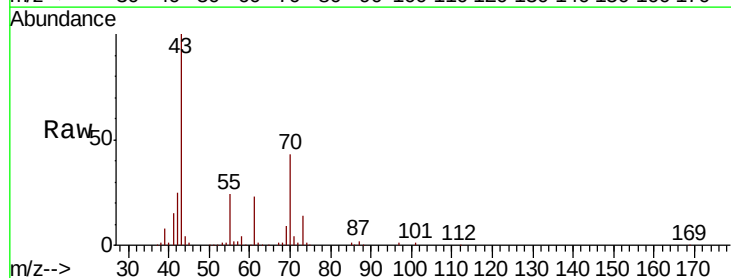
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

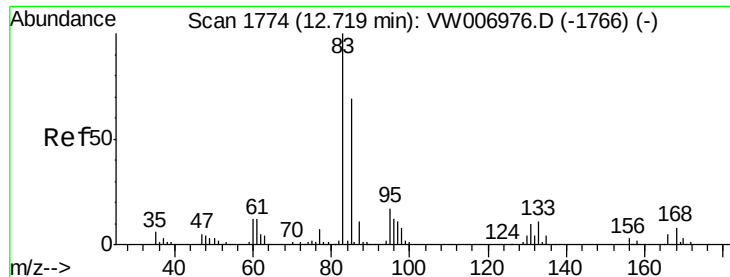
Tgt Ion: 105 Resp: 349832
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.8



#74
N-ethyl acetate
Concen: 54.642 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 43 Resp: 61609
Ion Ratio Lower Upper
43 100
70 42.5 34.0 51.0
55 24.2 19.4 29.0
61 24.3 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.362 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006976.D

Acq: 20 Nov 2018 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

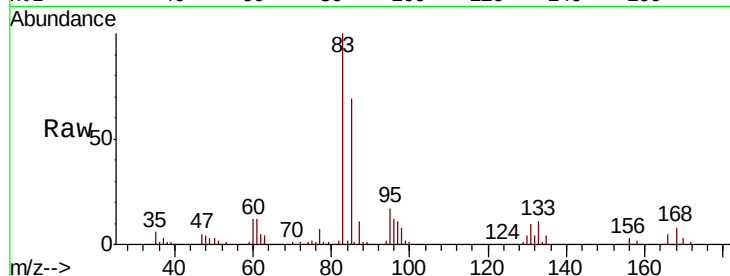
Tgt Ion: 83 Resp: 45985

Ion Ratio Lower Upper

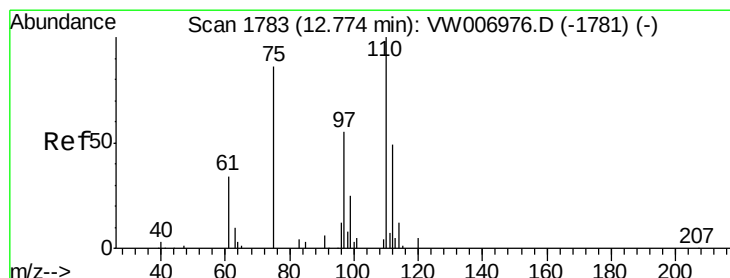
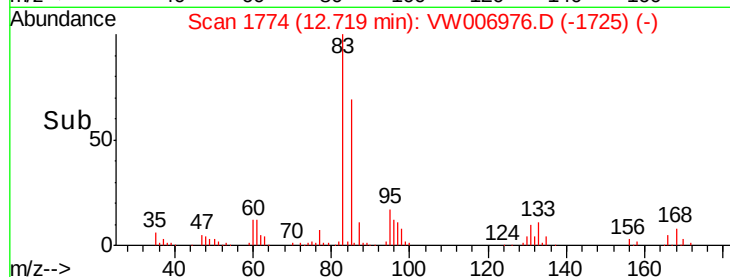
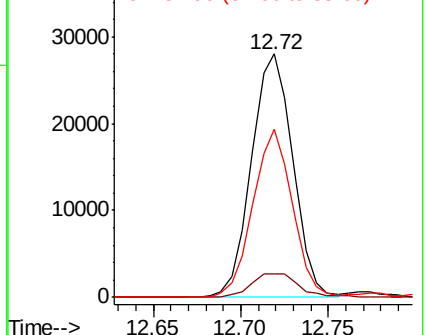
83 100

131 11.4 5.7 17.1

85 66.1 33.1 99.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): VW
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 57.585 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006976.D

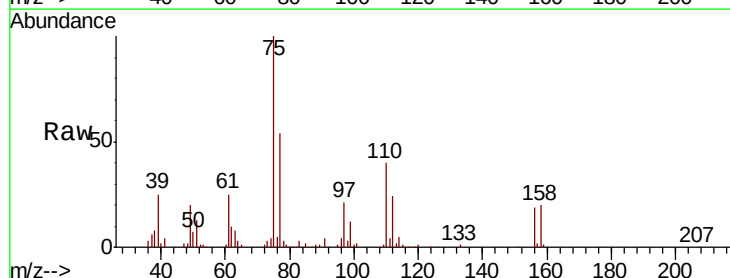
Acq: 20 Nov 2018 15:05

Tgt Ion: 75 Resp: 64516

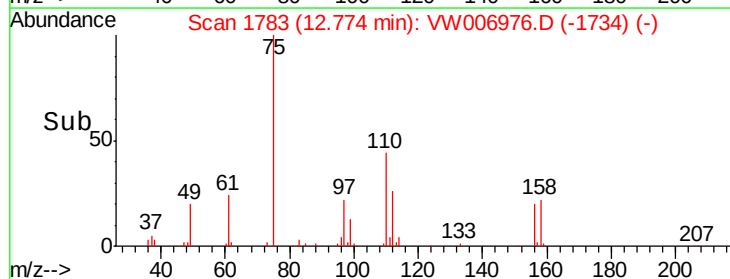
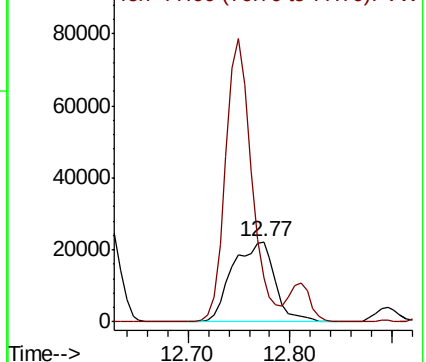
Ion Ratio Lower Upper

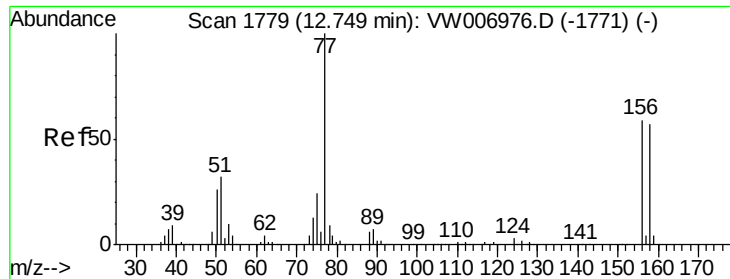
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.488 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006976.D

Acq: 20 Nov 2018 15:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

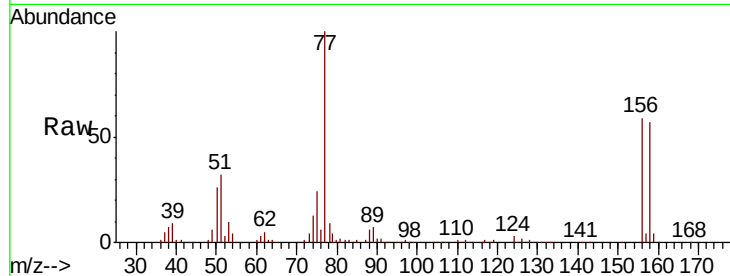
Tgt Ion:156 Resp: 74396

Ion Ratio Lower Upper

156 100

77 189.2 94.6 283.8

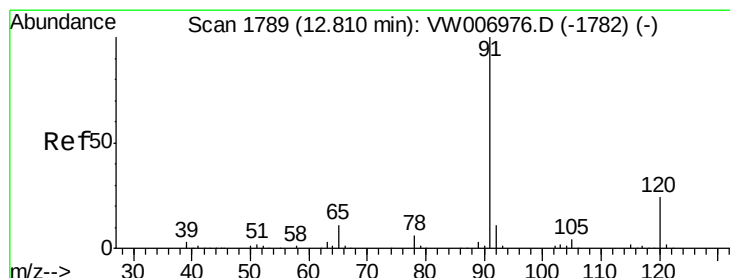
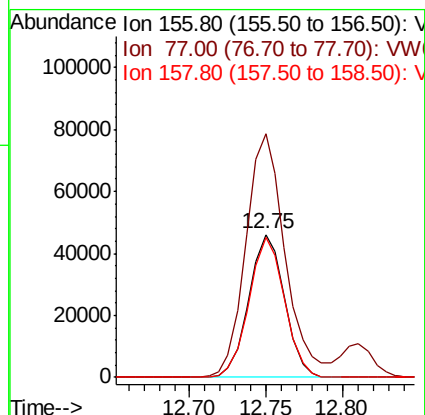
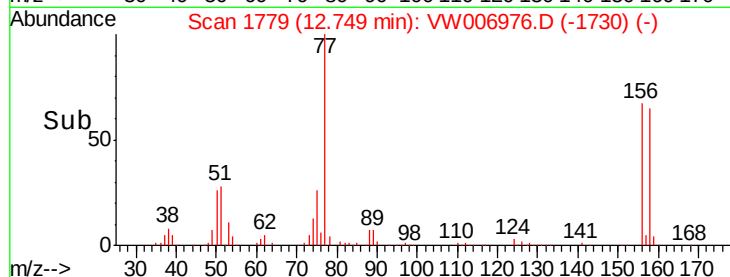
158 97.8 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.630 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006976.D

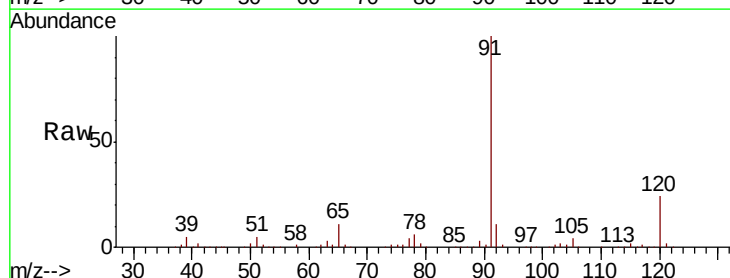
Acq: 20 Nov 2018 15:05

Tgt Ion: 91 Resp: 420726

Ion Ratio Lower Upper

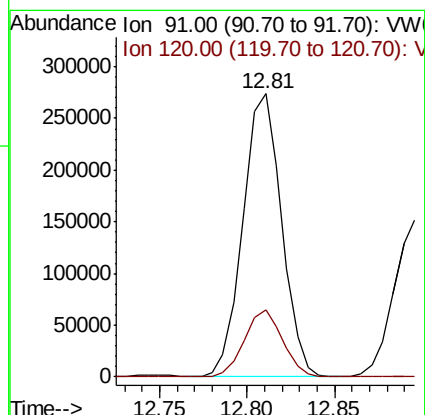
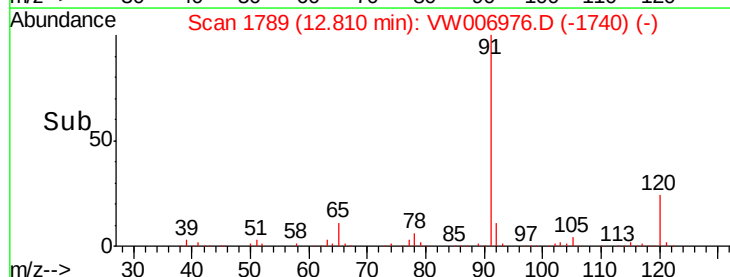
91 100

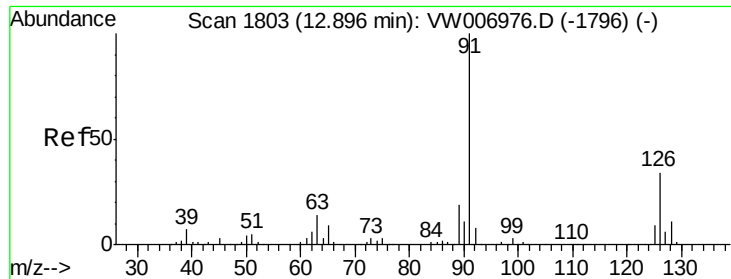
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.429 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006976.D

Acq: 20 Nov 2018 15:05

Instrument :

MSVOA_W

ClientSampleId :

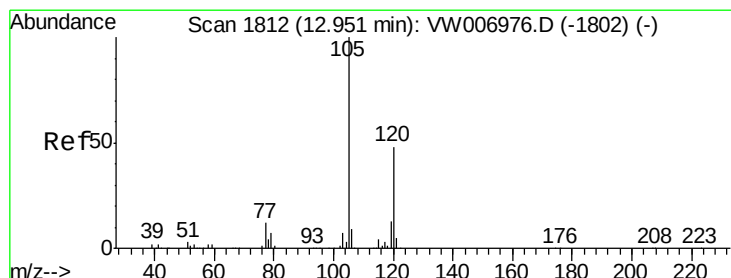
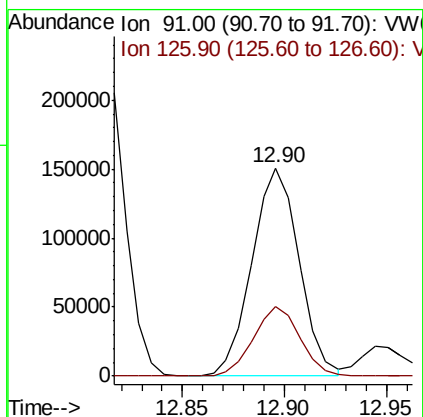
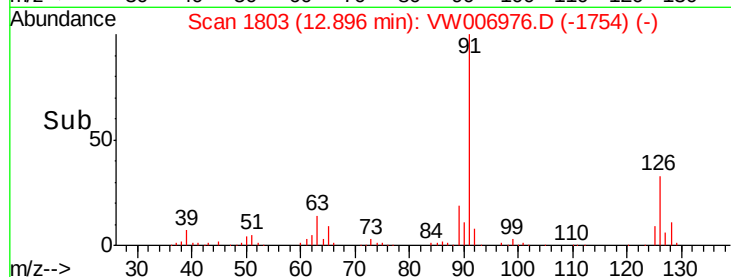
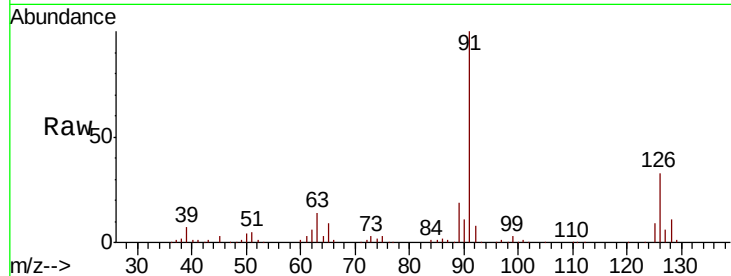
VSTDICCC050

Tgt Ion: 91 Resp: 241646

Ion Ratio Lower Upper

91 100

126 33.3 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 52.089 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006976.D

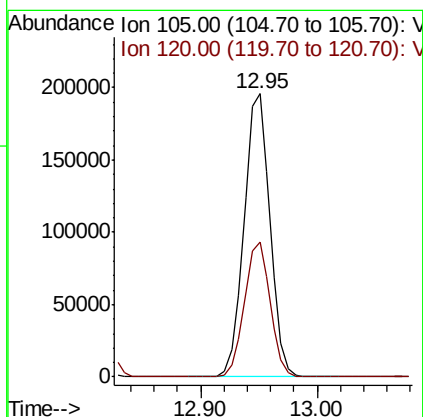
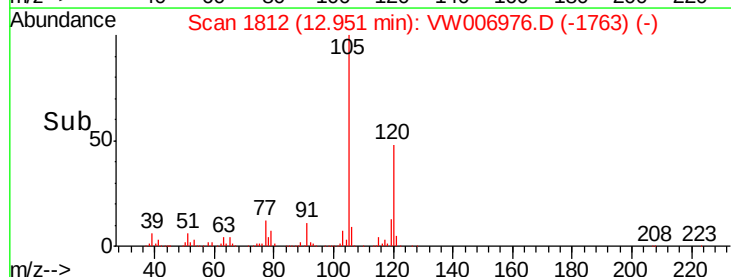
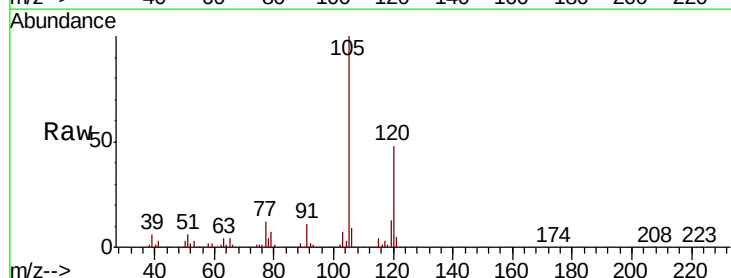
Acq: 20 Nov 2018 15:05

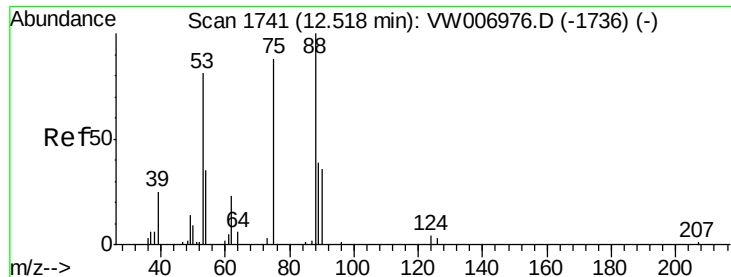
Tgt Ion: 105 Resp: 303027

Ion Ratio Lower Upper

105 100

120 47.5 23.8 71.2

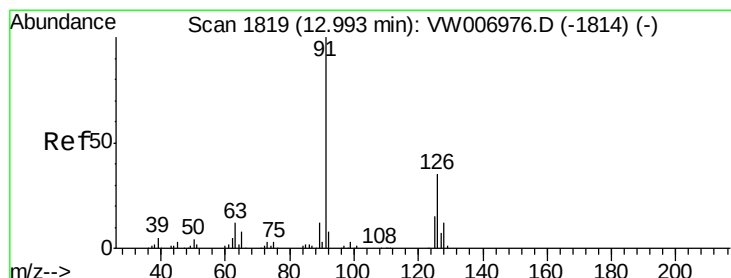
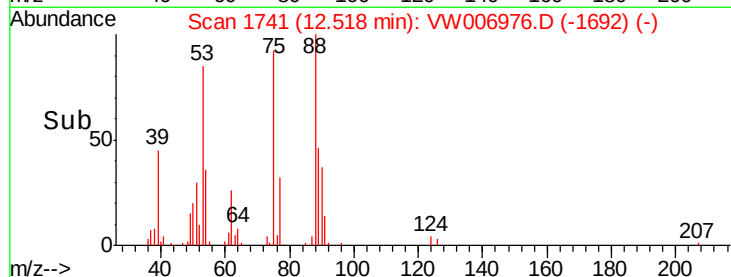
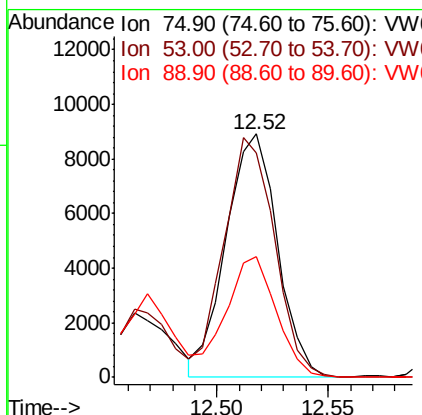
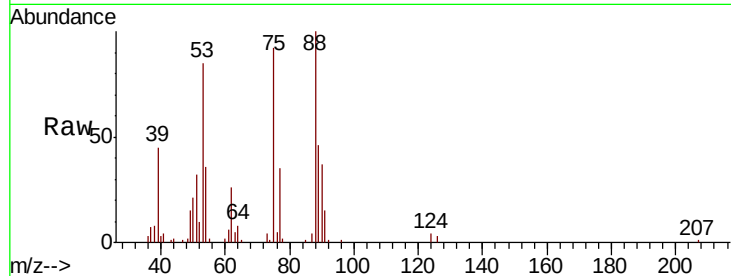




#81
trans-1,4-Dichloro-2-butene
Concen: 52.981 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

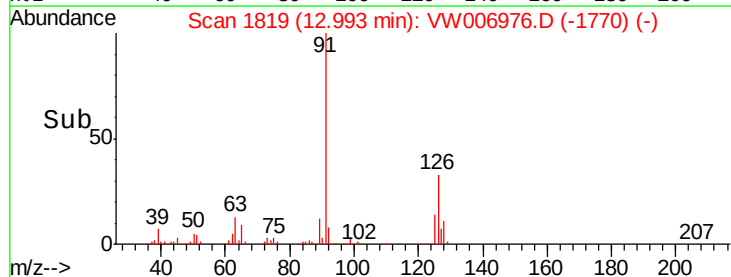
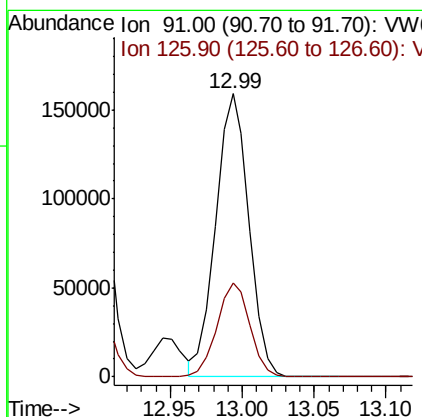
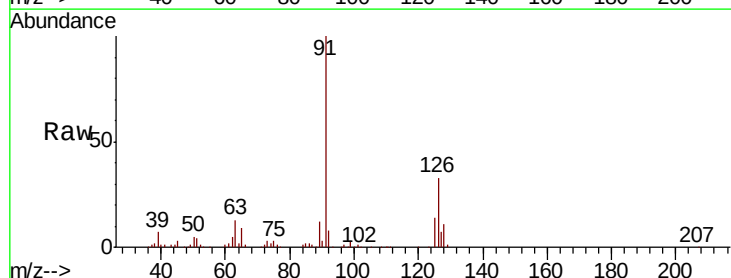
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

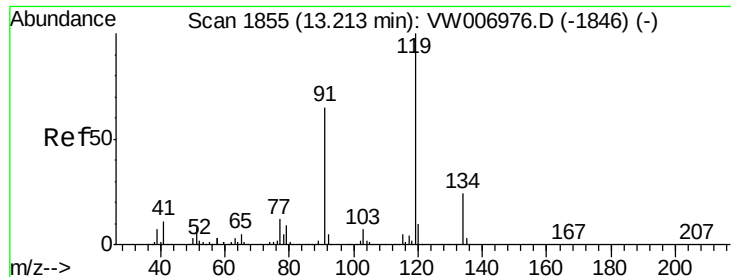
Tgt Ion: 75 Resp: 14354
Ion Ratio Lower Upper
75 100
53 97.0 77.6 116.4
89 49.1 39.3 58.9



#82
4-Chlorotoluene
Concen: 51.910 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 91 Resp: 255956
Ion Ratio Lower Upper
91 100
126 33.1 16.6 49.7

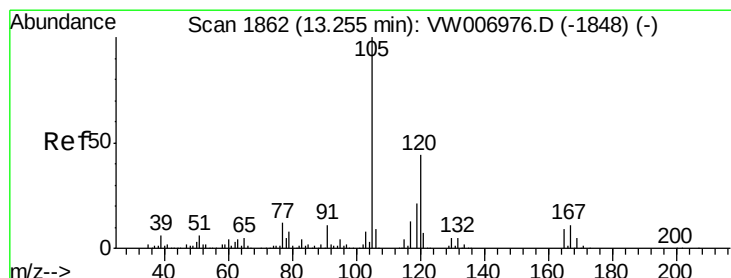
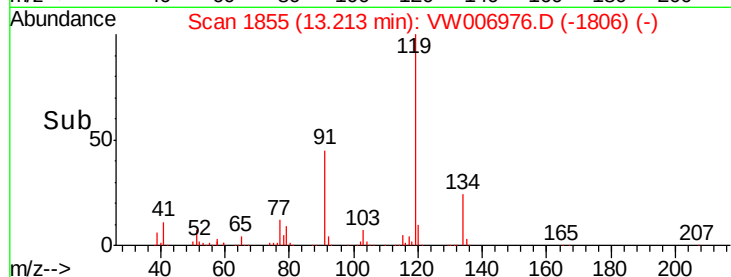
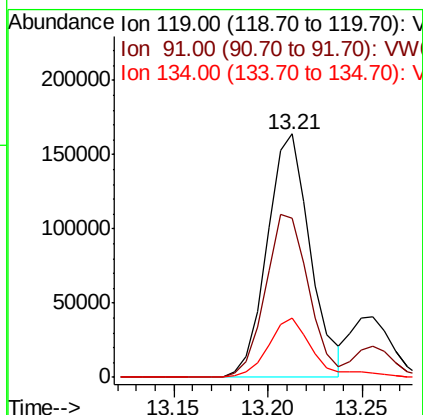
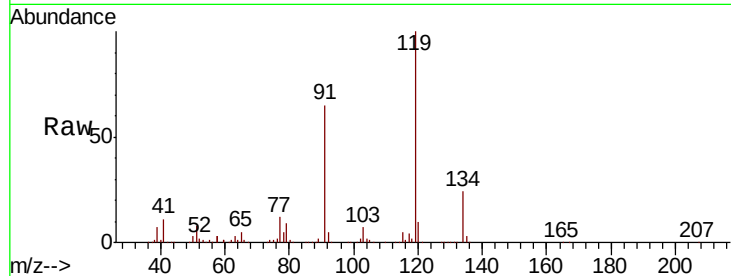




#83
 tert-Butylbenzene
 Concen: 51.603 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

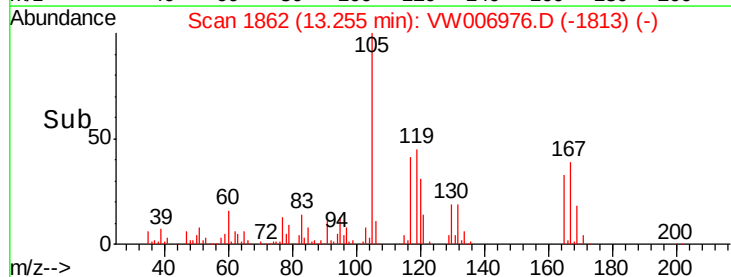
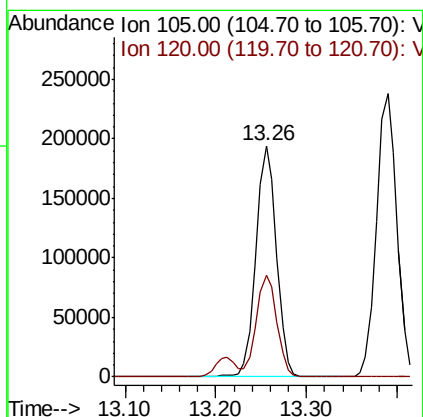
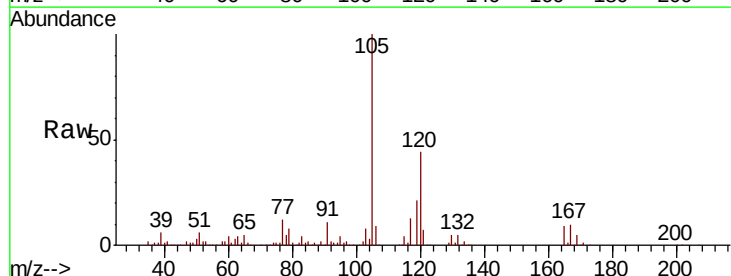
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

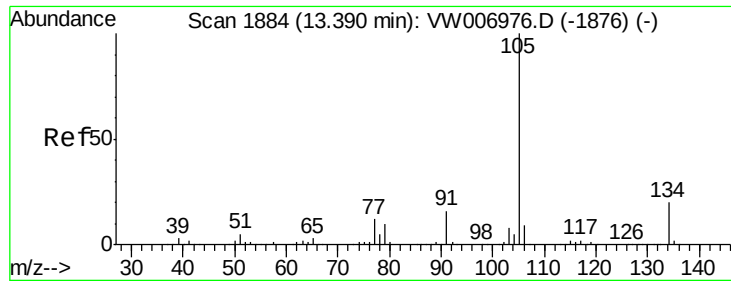
Tgt Ion:119 Resp: 259907
 Ion Ratio Lower Upper
 119 100
 91 67.0 33.5 100.5
 134 25.2 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.347 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Tgt Ion:105 Resp: 303407
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.8 65.3

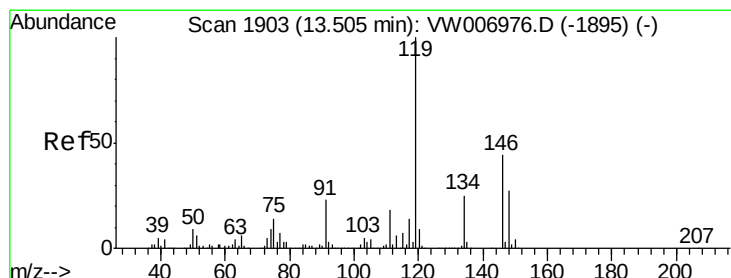
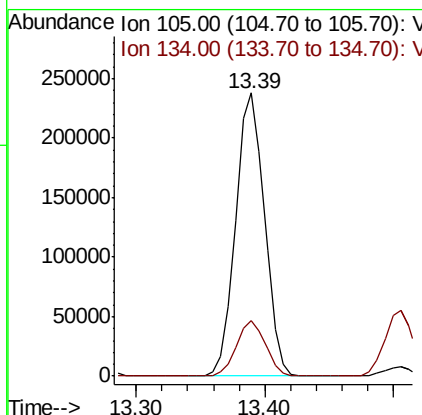
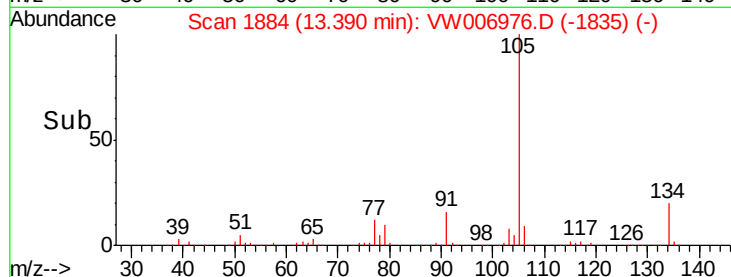
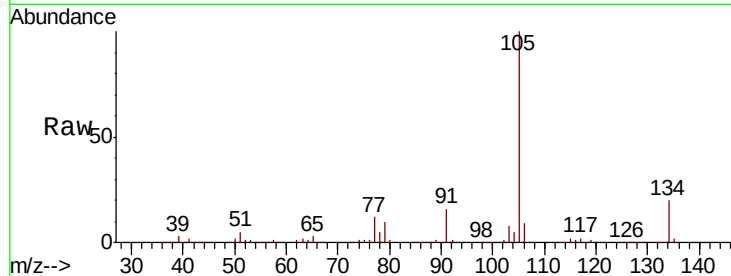




#85
 sec-Butylbenzene
 Concen: 51.956 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

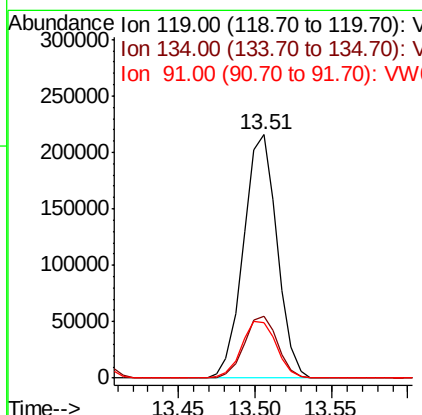
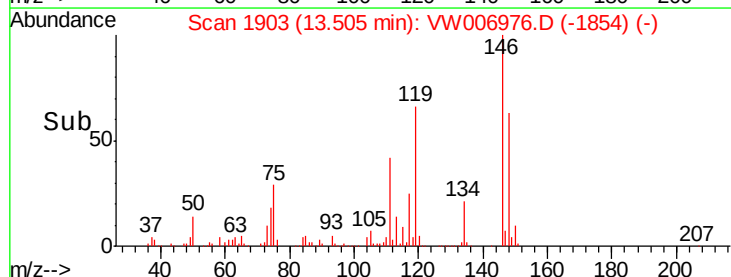
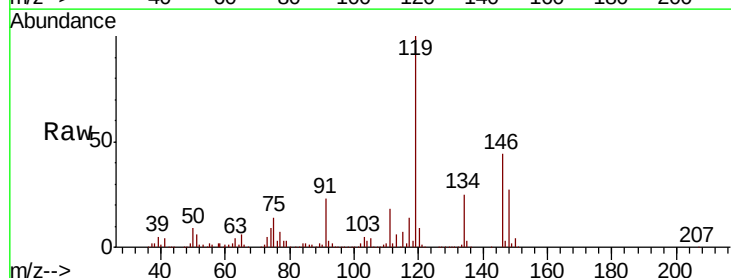
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

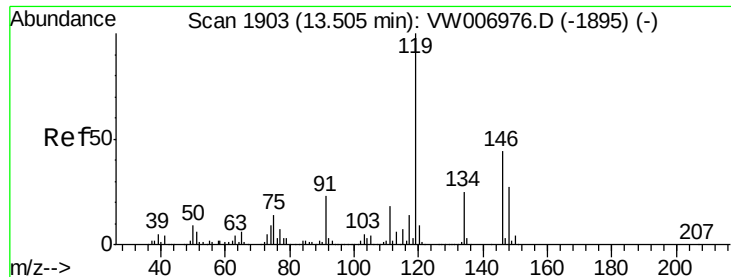
Tgt Ion:105 Resp: 369695
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.140 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Tgt Ion:119 Resp: 327302
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.4 12.2 36.6

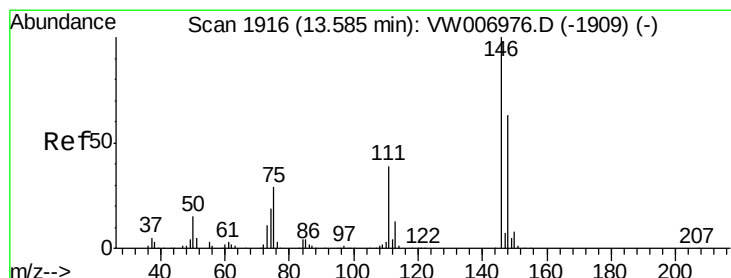
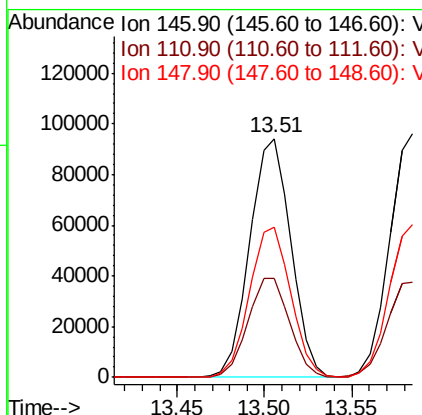
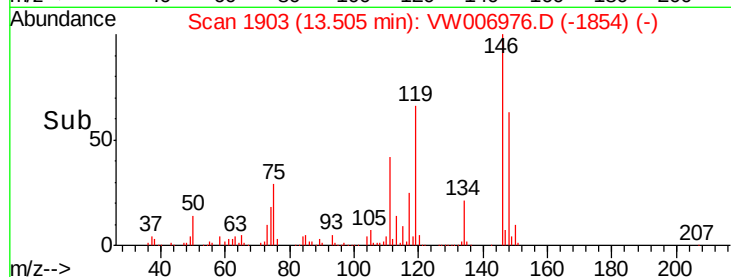
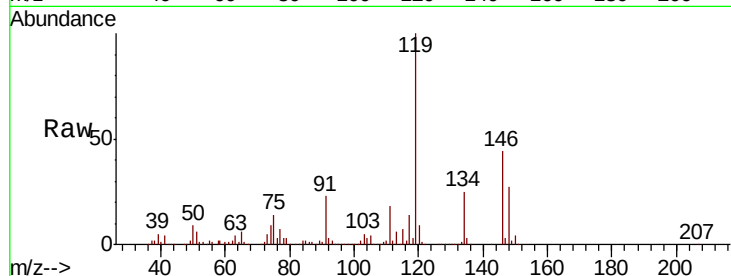




#87
 1,3-Dichlorobenzene
 Concen: 52.174 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

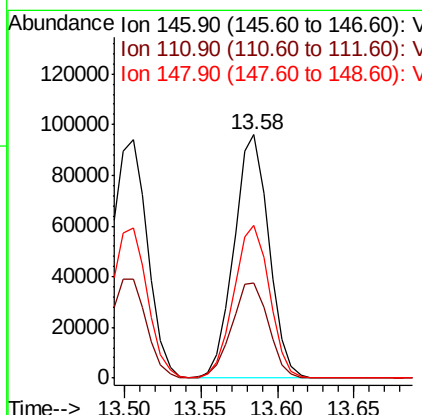
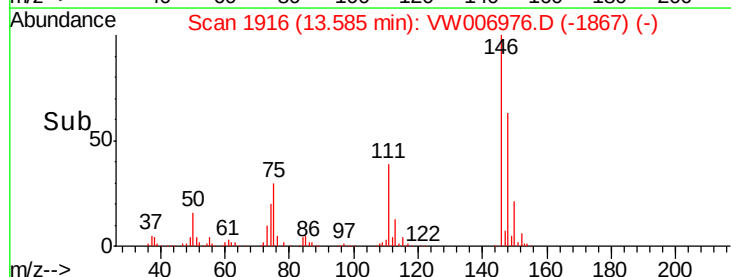
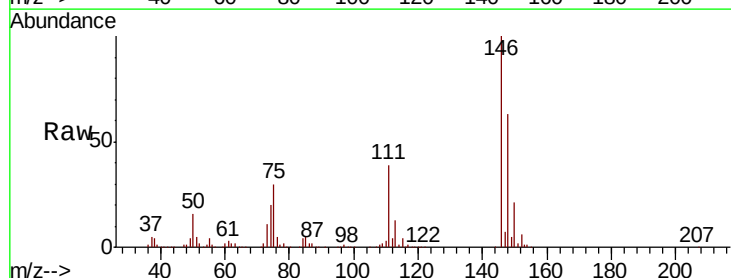
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

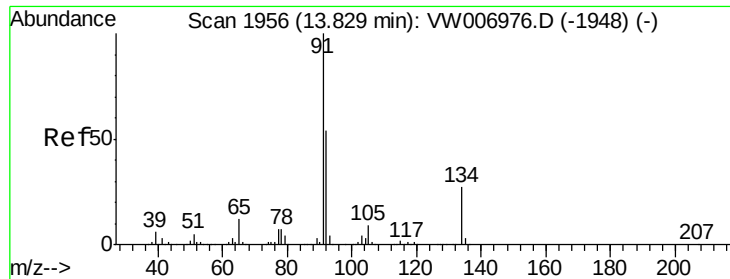
Tgt Ion:146 Resp: 153905
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.3
 148 63.2 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 51.537 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Tgt Ion:146 Resp: 151577
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.6 61.8
 148 64.5 32.3 96.8

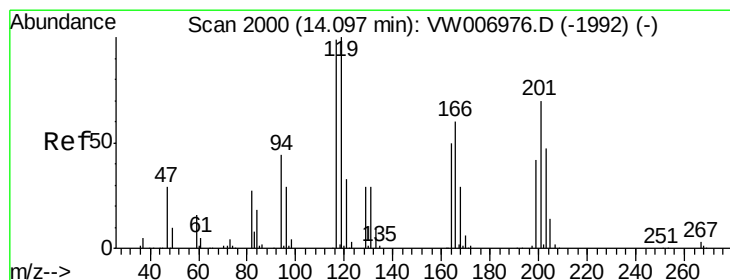
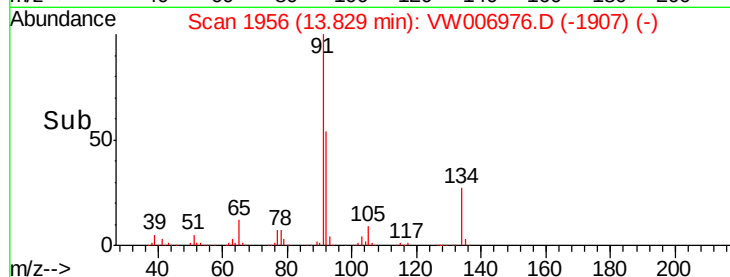
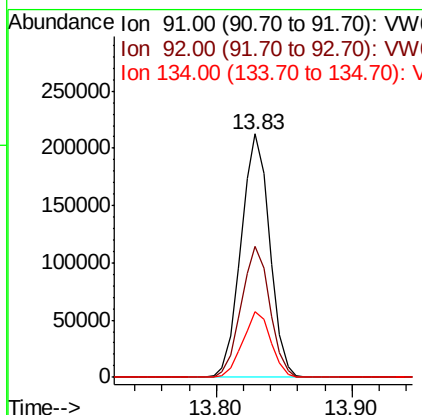
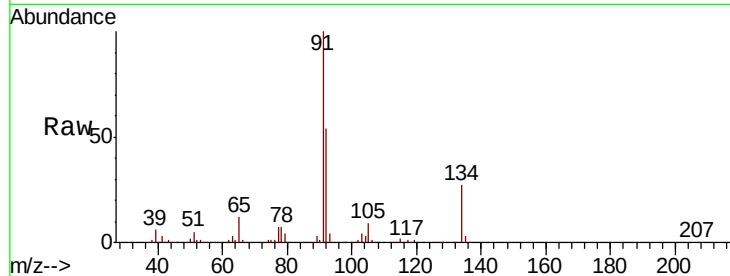




#89
n-Butylbenzene
Concen: 52.889 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

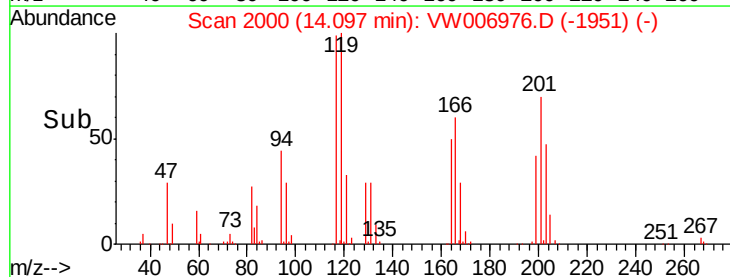
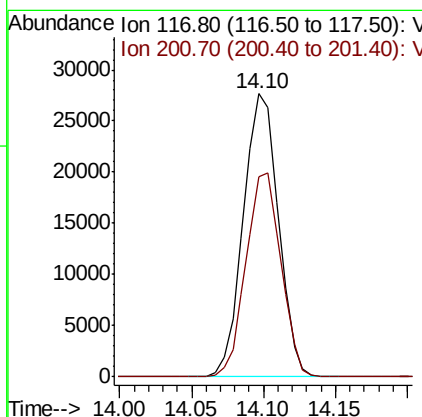
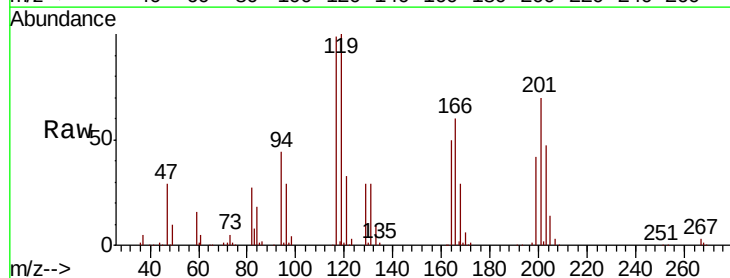
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

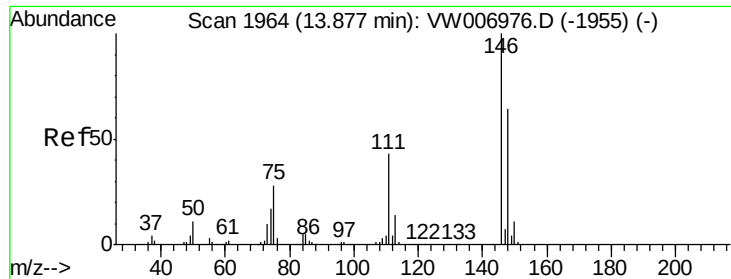
Tgt Ion: 91 Resp: 312436
Ion Ratio Lower Upper
91 100
92 53.6 26.8 80.4
134 26.5 13.3 39.8



#90
Hexachloroethane
Concen: 50.969 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion: 117 Resp: 46712
Ion Ratio Lower Upper
117 100
201 71.7 35.9 107.5

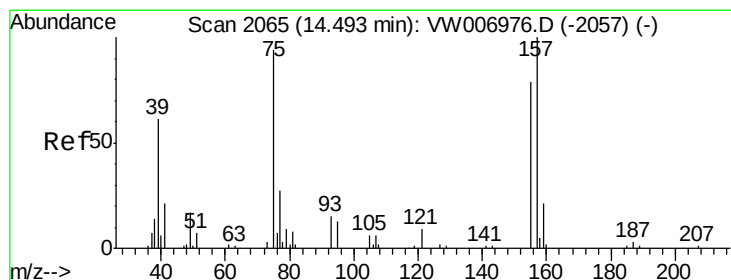
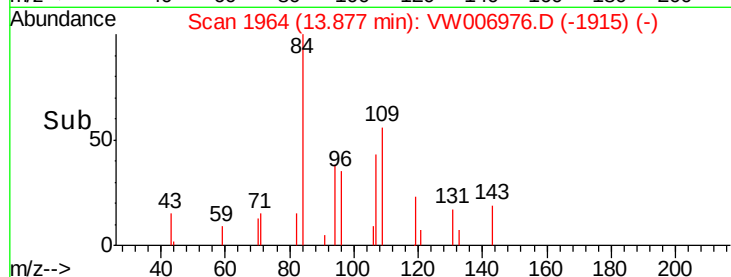
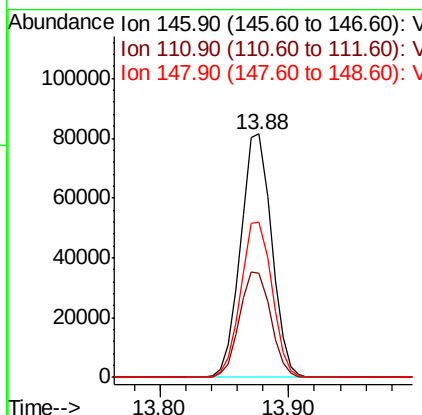
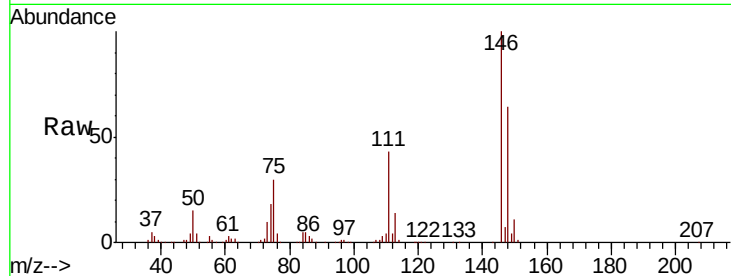




#91
 1,2-Dichlorobenzene
 Concen: 52.371 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

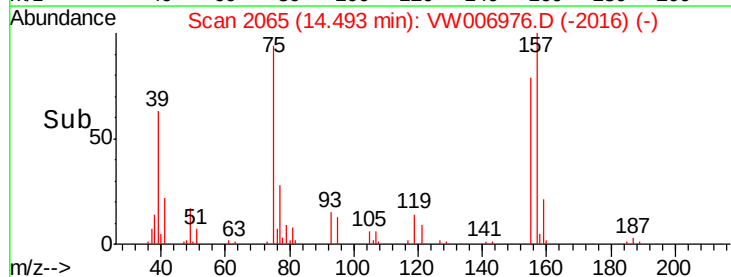
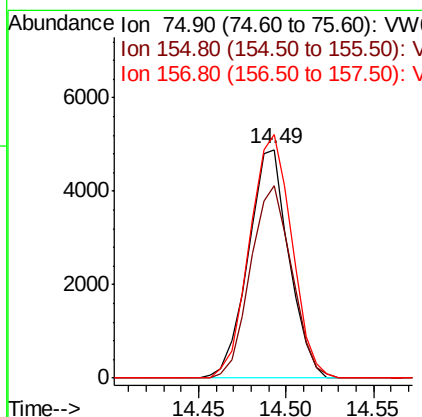
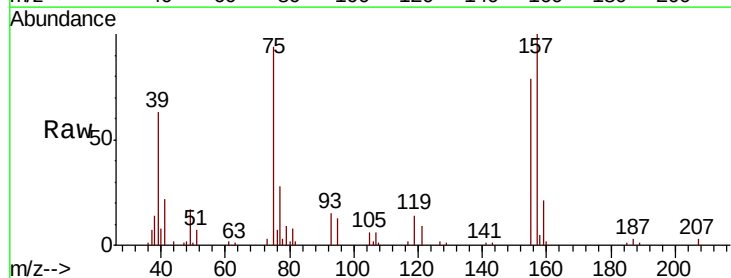
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

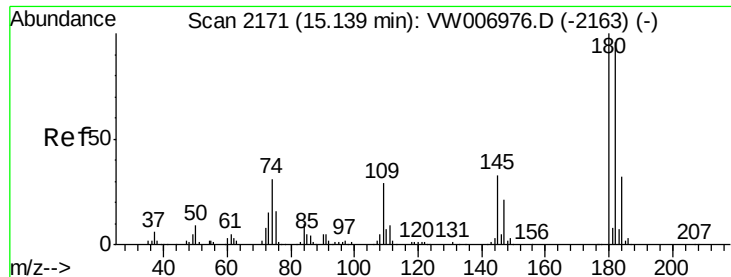
Tgt Ion:146 Resp: 135367
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.9 65.7
 148 64.4 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.397 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Tgt Ion: 75 Resp: 7923
 Ion Ratio Lower Upper
 75 100
 155 85.2 42.6 127.8
 157 110.0 55.0 165.0

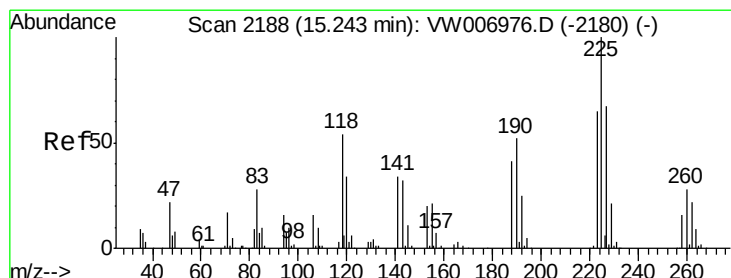
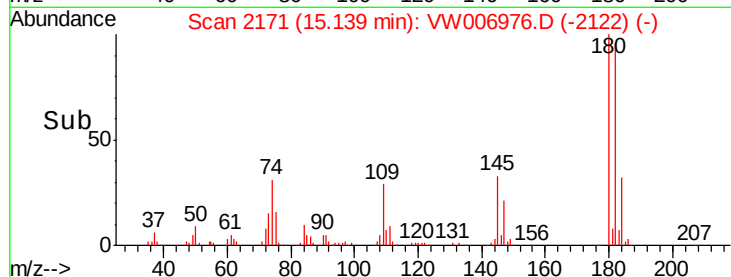
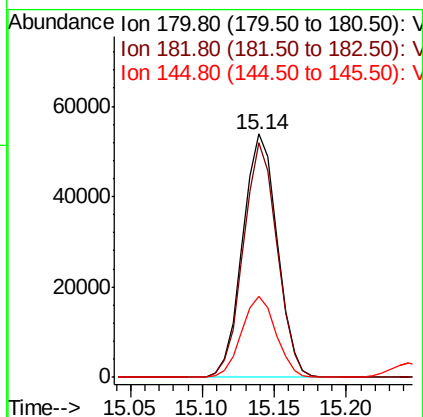
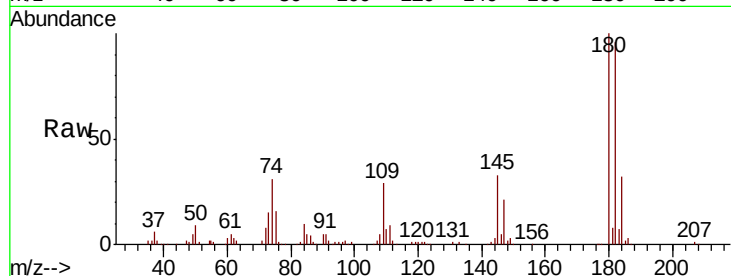




#93
 1,2,4-Trichlorobenzene
 Concen: 52.579 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

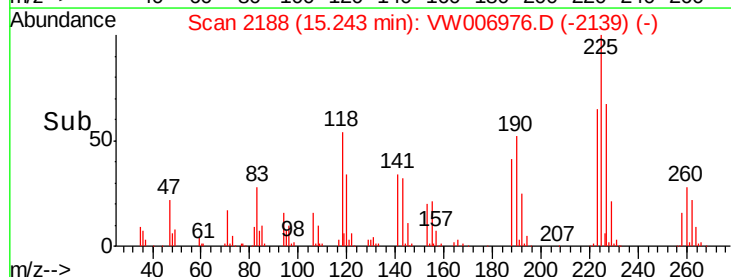
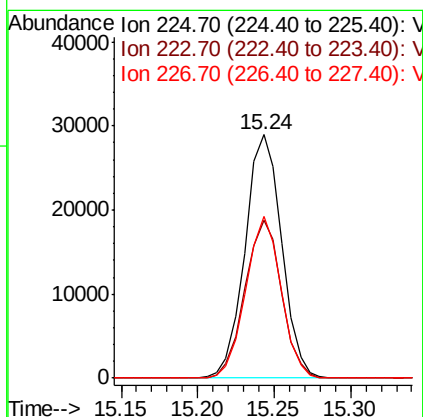
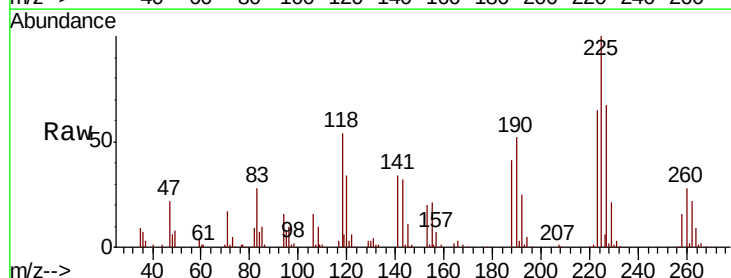
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

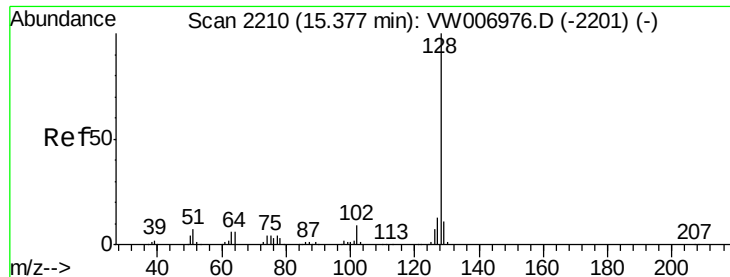
Tgt Ion:180 Resp: 89617
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.1 141.3
 145 33.0 16.5 49.5



#94
 Hexachlorobutadiene
 Concen: 52.110 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006976.D
 Acq: 20 Nov 2018 15:05

Tgt Ion:225 Resp: 48284
 Ion Ratio Lower Upper
 225 100
 223 64.7 32.4 97.0
 227 63.7 31.9 95.5

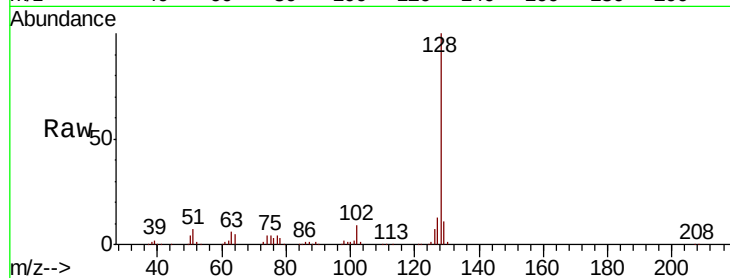




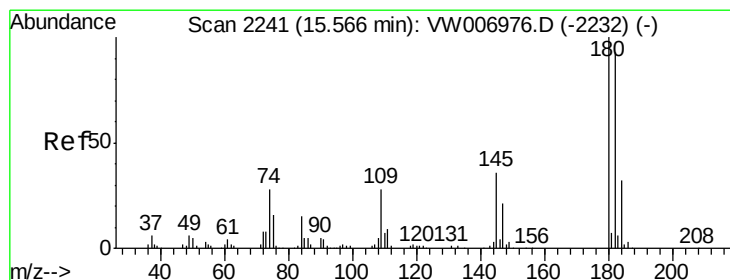
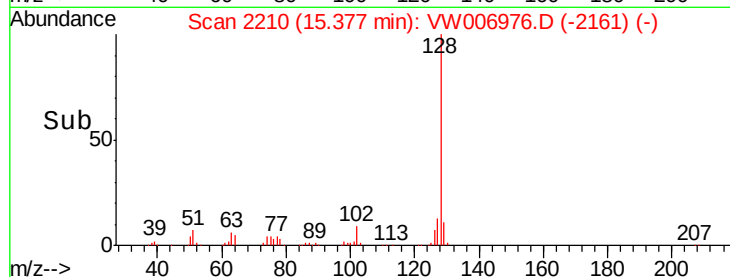
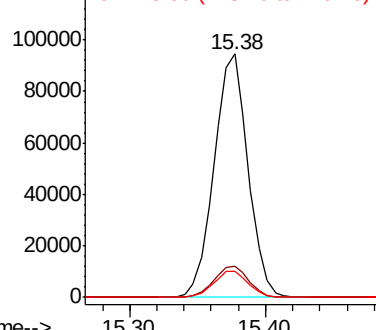
#95
Naphthalene
Concen: 53.195 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 164581
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1

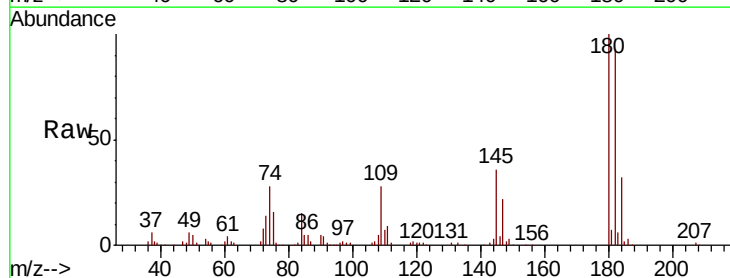


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.897 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006976.D
Acq: 20 Nov 2018 15:05

Tgt Ion:180 Resp: 74799
Ion Ratio Lower Upper
180 100
182 94.1 47.0 141.2
145 36.0 18.0 54.0



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

