

Data File : VW005892.D
Acq On : 08 Oct 2018 13:06
Operator : SY/AP
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Quant Time: Oct 09 02:01:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 01:57:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	361571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	525654	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	473535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	259822	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	170514	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	7.88	113	166666	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.33	98	644225	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.62	95	246103	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	88715	50.069	ug/l	100
3) Chloromethane	2.21	50	96541	46.321	ug/l	100
4) Vinyl Chloride	2.37	62	166558	50.338	ug/l	100
5) Bromomethane	2.78	94	132377	50.693	ug/l	100
6) Chloroethane	2.93	64	106286	50.418	ug/l	100
7) Trichlorofluoromethane	3.26	101	136109	51.822	ug/l	100
8) Diethyl Ether	3.68	74	78293	48.436	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	161380	48.688	ug/l	100
10) Methyl Iodide	4.26	142	266047	49.080	ug/l	100
11) Tert butyl alcohol	5.21	59	58949	229.155	ug/l	100
12) 1,1-Dichloroethene	4.03	96	155839	48.961	ug/l	100
13) Acrolein	3.89	56	50340	219.594	ug/l	100
14) Allyl chloride	4.67	41	258063	47.544	ug/l	100
15) Acrylonitrile	5.37	53	168503	239.534	ug/l	100
16) Acetone	4.14	43	170951	243.831	ug/l	100
17) Carbon Disulfide	4.37	76	483177	50.212	ug/l	100
18) Methyl Acetate	4.67	43	87025	49.188	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	241380	48.745	ug/l	100
20) Methylene Chloride	4.91	84	160173	45.599	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	172957	49.856	ug/l	100
22) Diisopropyl ether	6.31	45	490386	48.329	ug/l	100
23) Vinyl Acetate	6.26	43	1513441	242.334	ug/l	100
24) 1,1-Dichloroethane	6.21	63	301021	48.478	ug/l	100
25) 2-Butanone	7.18	43	239605	240.278	ug/l	100
26) 2,2-Dichloropropane	7.17	77	210869	48.253	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	193233	49.253	ug/l	100
28) Bromochloromethane	7.51	49	105081	45.846	ug/l	100
29) Tetrahydrofuran	7.53	42	150079	238.079	ug/l	100
30) Chloroform	7.68	83	309450	48.518	ug/l	100
31) Cyclohexane	7.96	56	286303	46.592	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	277113	48.787	ug/l	100
36) 1,1-Dichloropropene	8.09	75	251768	49.986	ug/l	100
37) Ethyl Acetate	7.26	43	102302	47.963	ug/l	100
38) Carbon Tetrachloride	8.07	117	272531	50.362	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	336822	50.701	ug/l	100
40) Benzene	8.32	78	687323	49.859	ug/l	100
41) Methacrylonitrile	7.48	41	62399	46.728	ug/l	100
42) 1,2-Dichloroethane	8.40	62	204307	49.056	ug/l	100
43) Isopropyl Acetate	8.43	43	219266	49.212	ug/l	100
44) Trichloroethene	9.09	130	203512	50.881	ug/l	100
45) 1,2-Dichloropropane	9.37	63	170081	49.289	ug/l	100
46) Dibromomethane	9.46	93	93432	49.265	ug/l	100
47) Bromodichloromethane	9.65	83	234365	49.108	ug/l	100
48) Methyl methacrylate	9.44	41	104792	49.372	ug/l	100
49) 1,4-Dioxane	9.46	88	28784	999.197	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	532774	245.554	ug/l	100
52) Toluene	10.39	92	450165	49.707	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	248423	49.811	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	276761	49.366	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	127970	48.717	ug/l	100
56) Ethyl methacrylate	10.65	69	173056	48.880	ug/l	100
57) 1,3-Dichloropropane	10.93	76	217397	49.195	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	341715	237.208	ug/l	100
59) 2-Hexanone	10.97	43	388679	249.842	ug/l	100
60) Dibromochloromethane	11.13	129	168169	49.611	ug/l	100
61) 1,2-Dibromoethane	11.24	107	129074	49.173	ug/l	100
64) Tetrachloroethene	10.87	164	176736	50.104	ug/l	100
65) Chlorobenzene	11.66	112	510200	50.300	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	186365	50.126	ug/l	100
67) Ethyl Benzene	11.73	91	911513	50.877	ug/l	100
68) m/p-Xylenes	11.84	106	711018	101.552	ug/l	100
69) o-Xylene	12.17	106	337955	50.419	ug/l	100
70) Styrene	12.18	104	561661	50.503	ug/l	100
71) Bromoform	12.35	173	110591	49.937	ug/l	100
73) Isopropylbenzene	12.47	105	948276	49.974	ug/l	100
74) N-amyl acetate	12.27	43	220364	48.899	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	152722	49.104	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	211034	53.066	ug/l #	100
77) Bromobenzene	12.75	156	225386	50.135	ug/l	100
78) n-propylbenzene	12.81	91	1118174	50.094	ug/l	100
79) 2-Chlorotoluene	12.90	91	627877	49.830	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	803288	50.143	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	53998	49.117	ug/l	100
82) 4-Chlorotoluene	12.99	91	669336	50.488	ug/l	100
83) tert-Butylbenzene	13.21	119	718322	50.414	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	815448	50.462	ug/l	100
85) sec-Butylbenzene	13.39	105	1016051	50.802	ug/l	100
86) p-Isopropyltoluene	13.51	119	918214	51.051	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	450535	50.444	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	447534	50.425	ug/l	100
89) n-Butylbenzene	13.83	91	863844	50.952	ug/l	100
90) Hexachloroethane	14.10	117	171766	50.777	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	397186	50.090	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	28631	49.397	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100818\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	311270	50.627	ug/l	100
94) Hexachlorobutadiene	15.24	225	197282	51.407	ug/l	100
95) Naphthalene	15.38	128	534144	50.402	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	270032	50.723	ug/l	100

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

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Misc : 5.00G/5ML/MSVOA W/SOIL

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Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

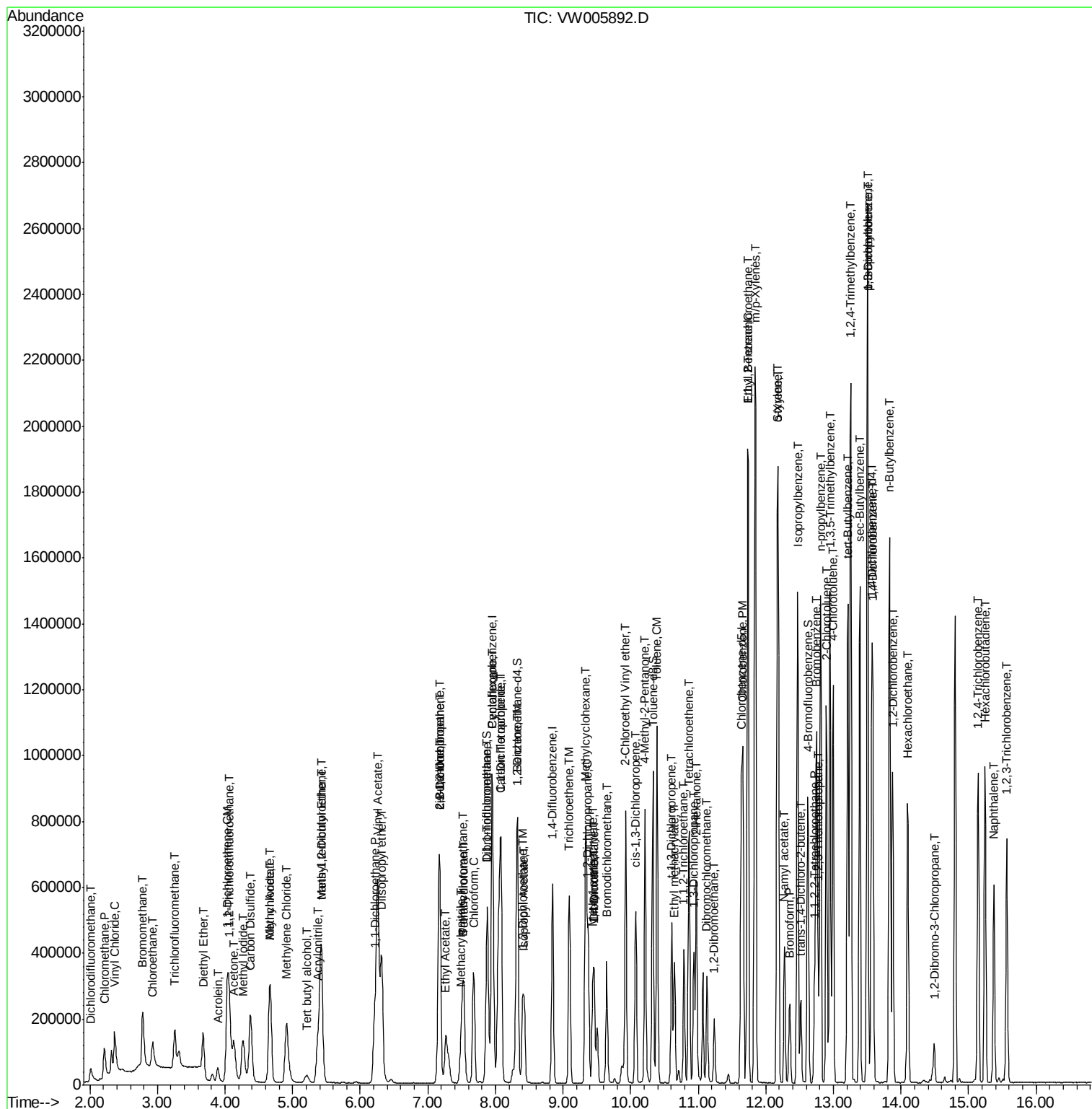
Quant Time: Oct 09 02:01:52 2018

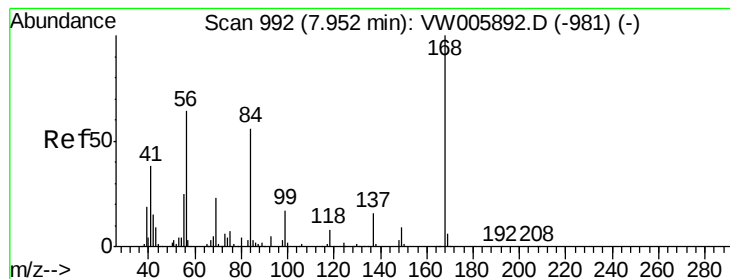
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA W\METHOD\82W100818S.M

Quant Title : SW846 8260

QLast Update : Tue Oct 09 01:57:02 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

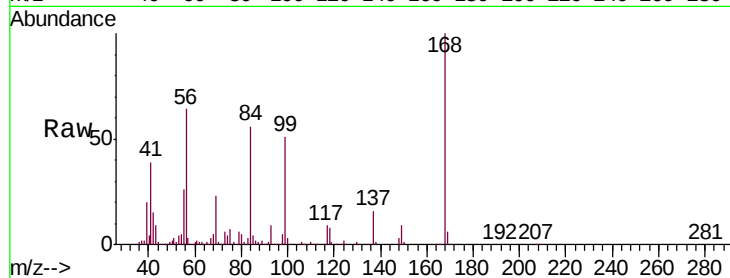
VSTDICCC050

Tgt Ion:168 Resp: 361571

Ion Ratio Lower Upper

168 100

99 51.1 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

100000

50000

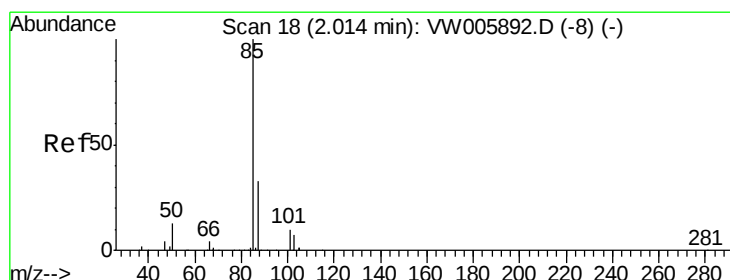
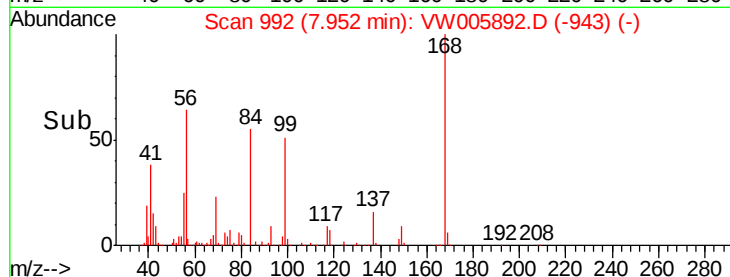
0

7.90

8.00

8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 50.069 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005892.D

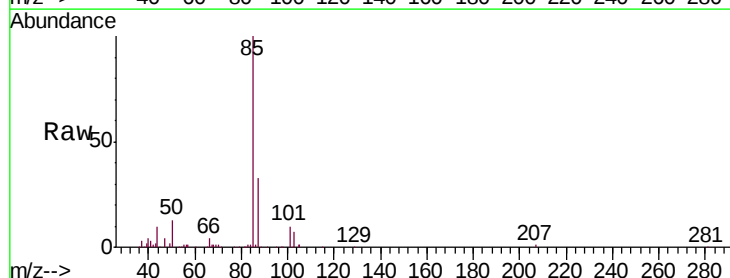
Acq: 08 Oct 2018 13:06

Tgt Ion: 85 Resp: 88715

Ion Ratio Lower Upper

85 100

87 33.2 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

15000

10000

5000

0

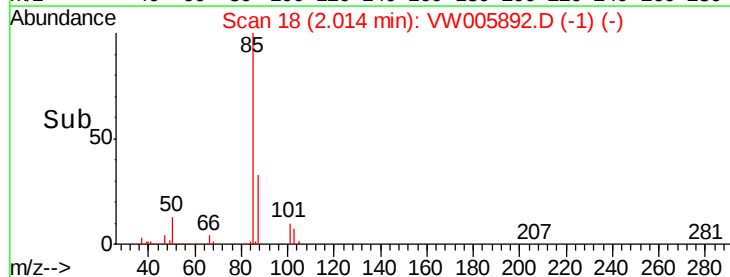
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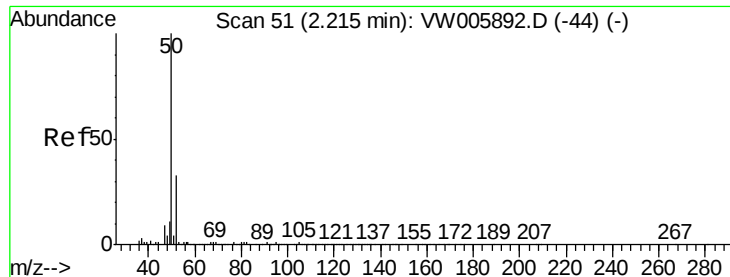
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 46.321 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

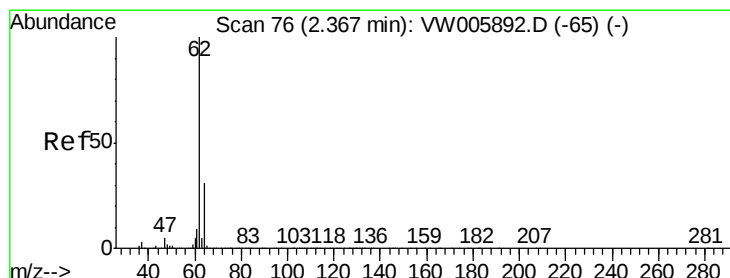
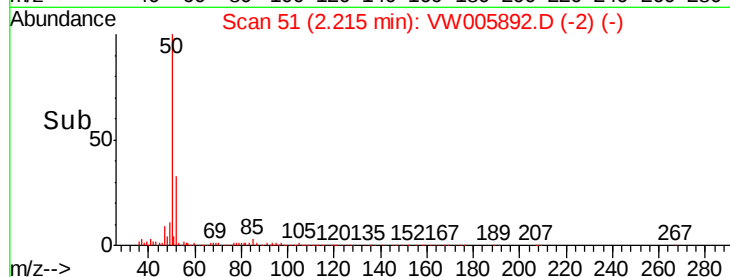
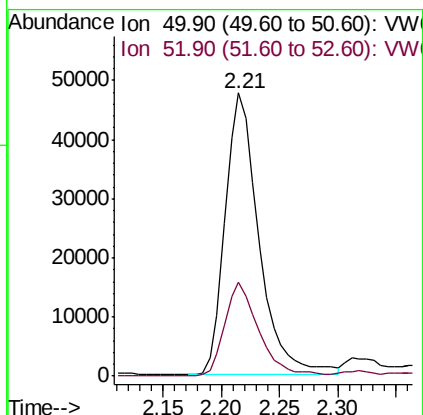
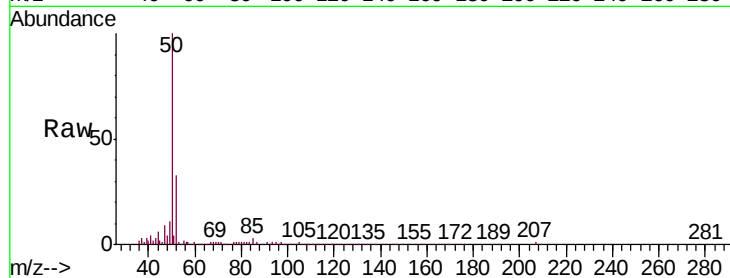
VSTDICCC050

Tgt Ion: 50 Resp: 96541

Ion Ratio Lower Upper

50 100

52 33.4 26.7 40.1



#4

Vinyl Chloride

Concen: 50.338 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW005892.D

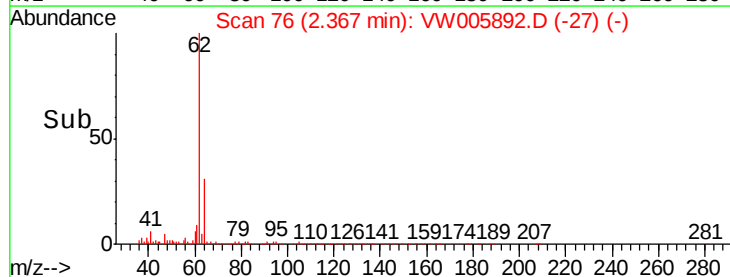
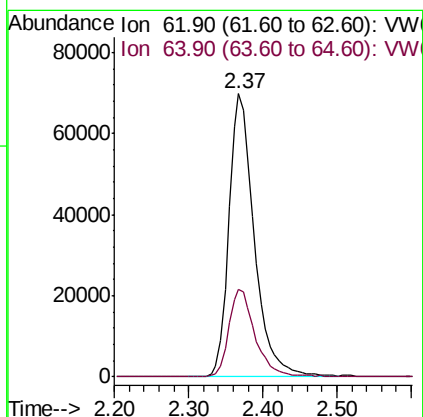
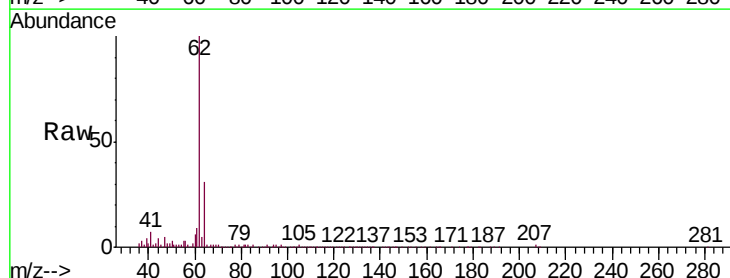
Acq: 08 Oct 2018 13:06

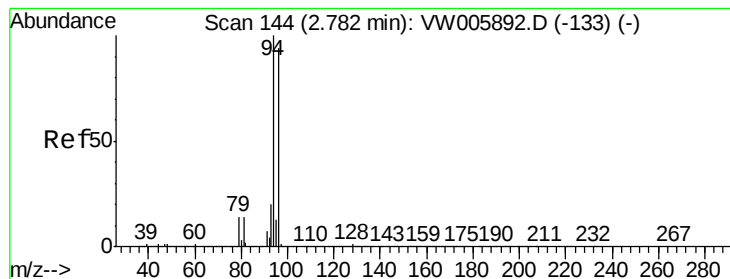
Tgt Ion: 62 Resp: 166558

Ion Ratio Lower Upper

62 100

64 30.7 24.6 36.8





#5

Bromomethane

Concen: 50.693 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

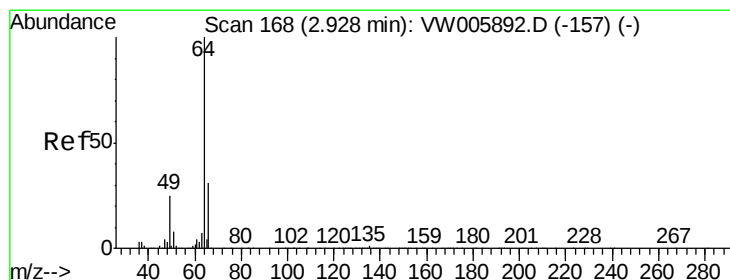
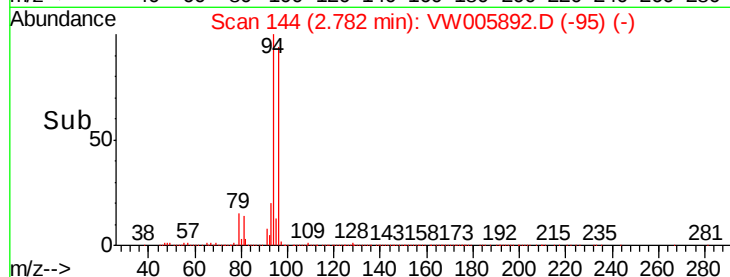
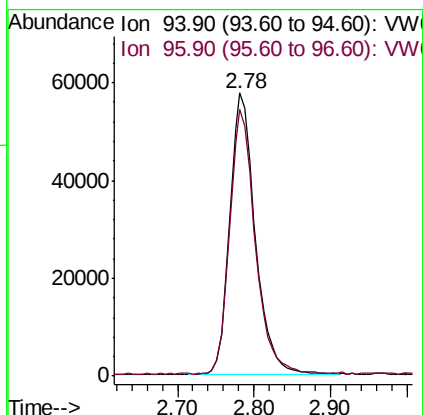
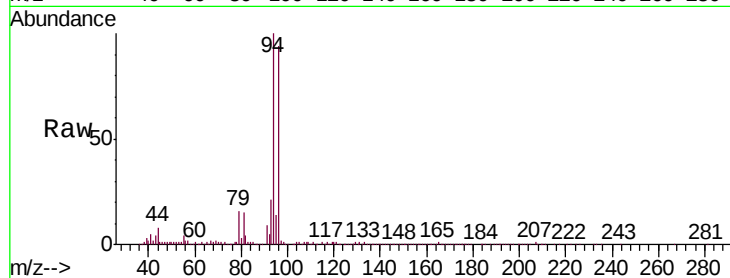
VSTDICCC050

Tgt Ion: 94 Resp: 132377

Ion Ratio Lower Upper

94 100

96 93.7 75.0 112.4



#6

Chloroethane

Concen: 50.418 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW005892.D

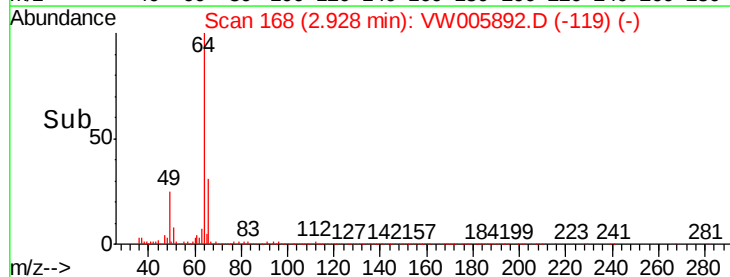
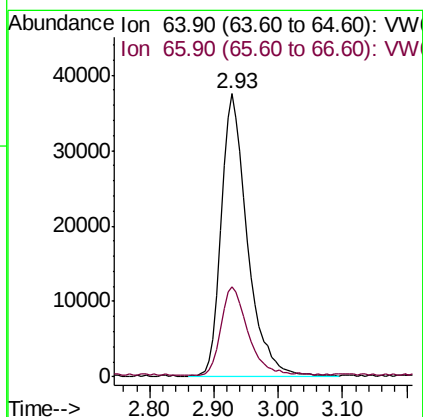
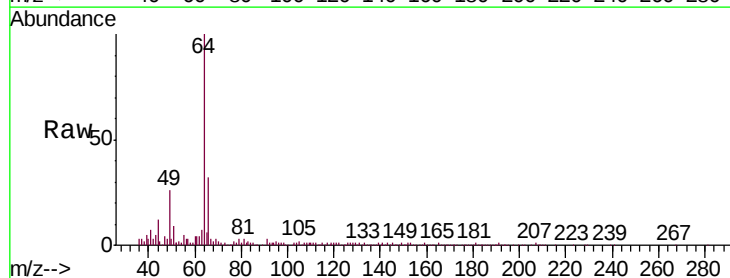
Acq: 08 Oct 2018 13:06

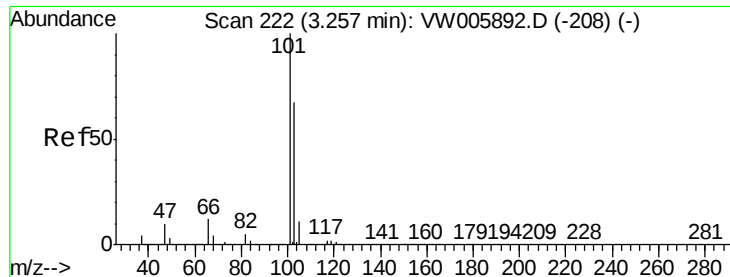
Tgt Ion: 64 Resp: 106286

Ion Ratio Lower Upper

64 100

66 31.2 25.0 37.4



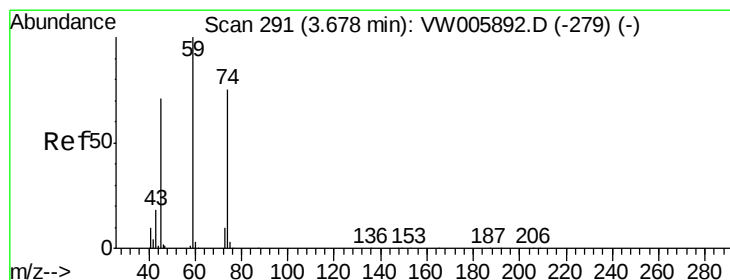
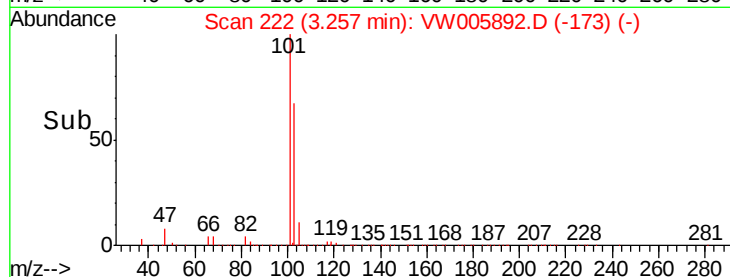
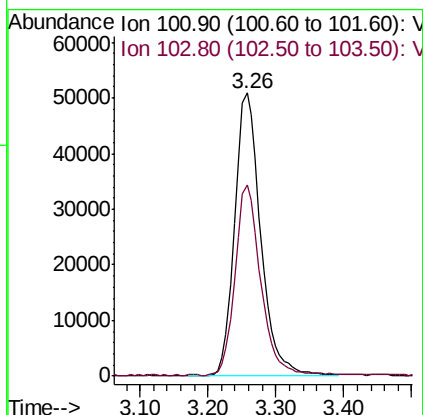
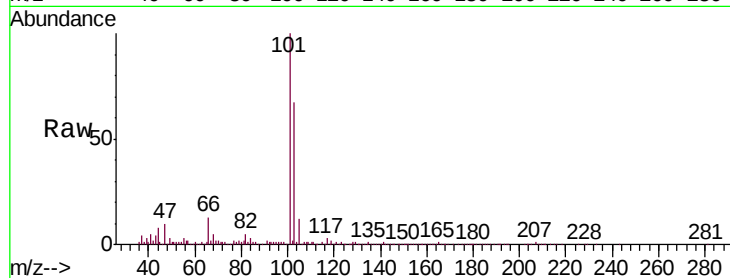


#7

Trichlorofluoromethane
Concen: 51.822 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
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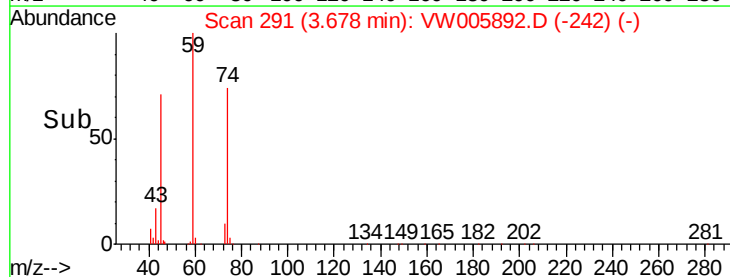
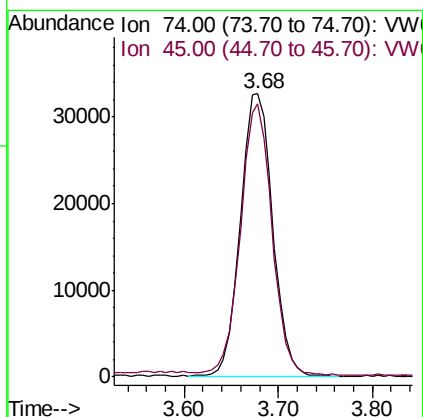
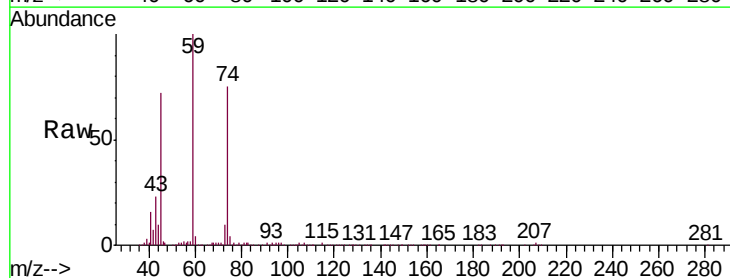
Tgt Ion: 101 Resp: 136109
Ion Ratio Lower Upper
101 100
103 66.9 53.5 80.3

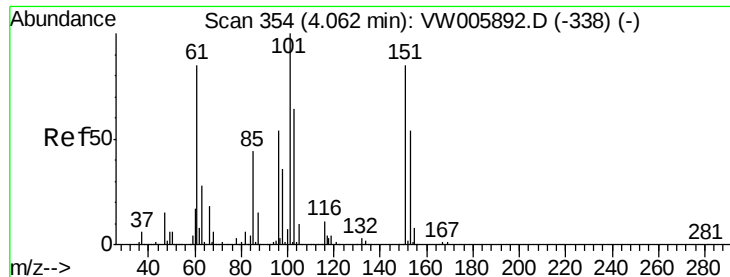


#8

Diethyl Ether
Concen: 48.436 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion: 74 Resp: 78293
Ion Ratio Lower Upper
74 100
45 93.6 46.8 140.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.688 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

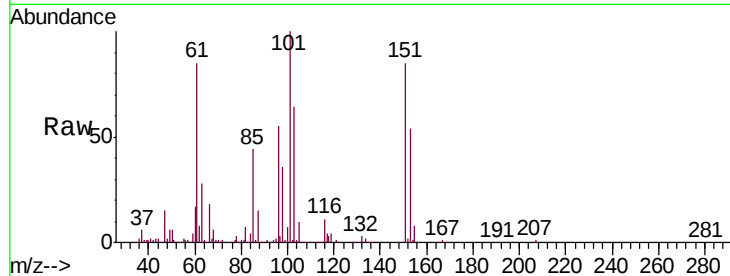
Tgt Ion:101 Resp: 161380

Ion Ratio Lower Upper

101 100

85 43.9 35.1 52.7

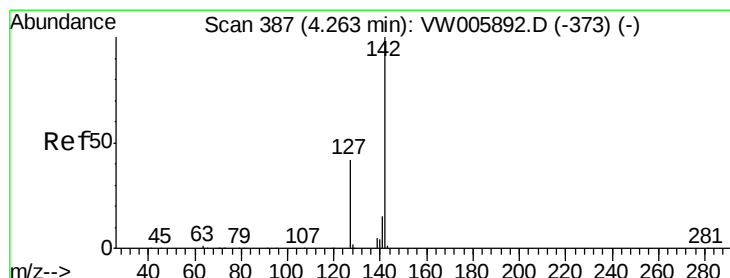
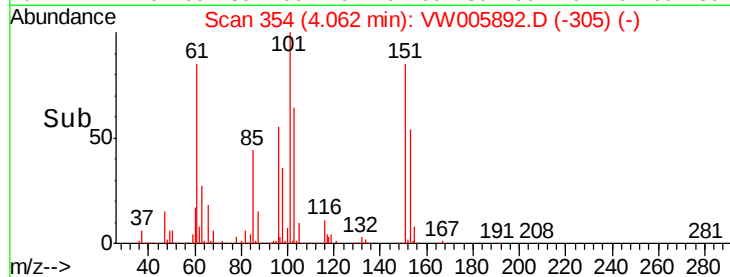
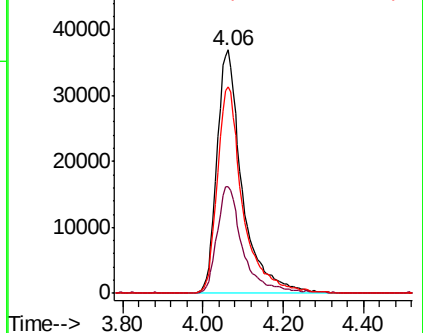
151 84.6 67.7 101.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.080 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

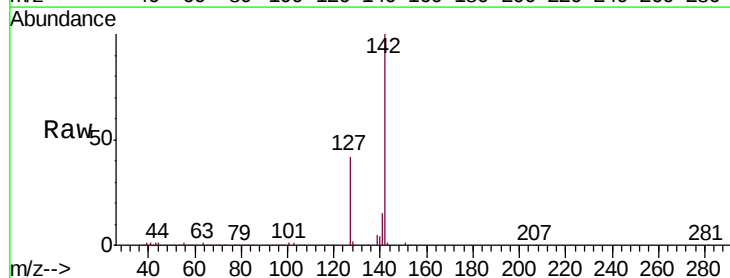
Tgt Ion:142 Resp: 266047

Ion Ratio Lower Upper

142 100

127 42.1 33.7 50.5

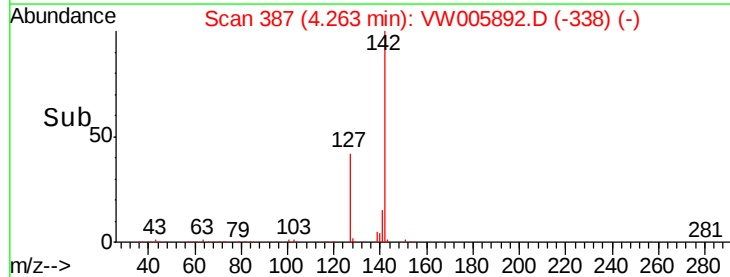
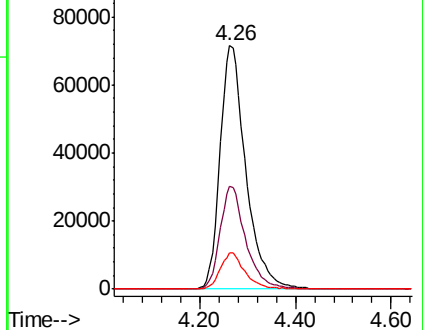
141 14.4 11.5 17.3

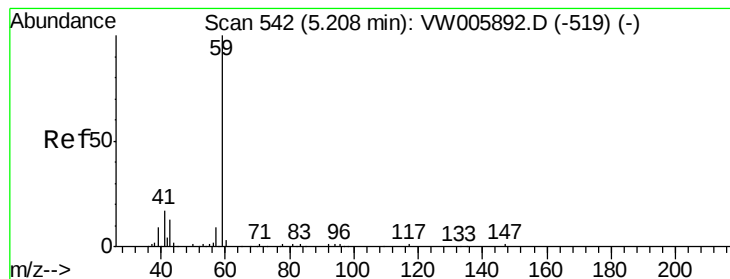


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



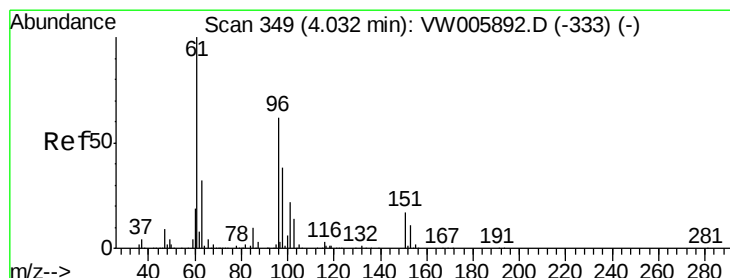
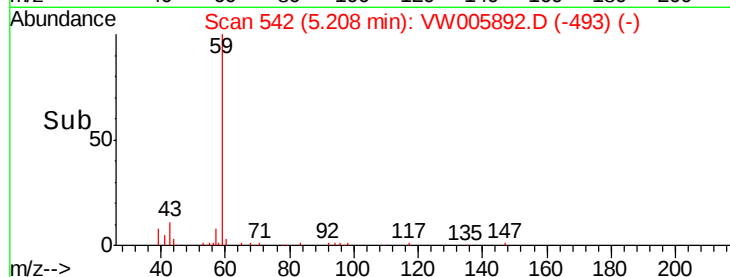
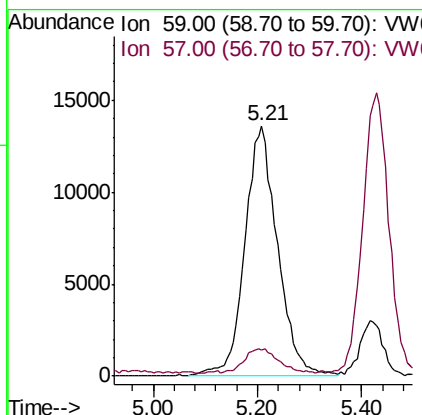
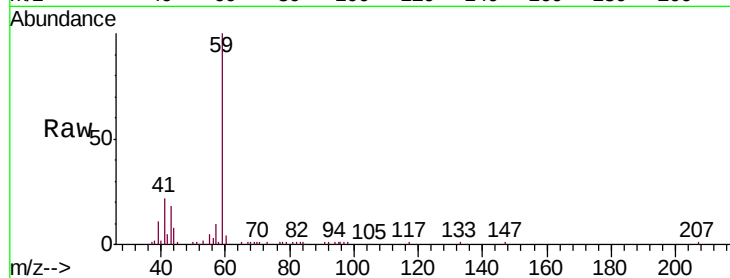


#11

Tert butyl alcohol
 Concen: 229.155 ug/l
 RT: 5.21 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

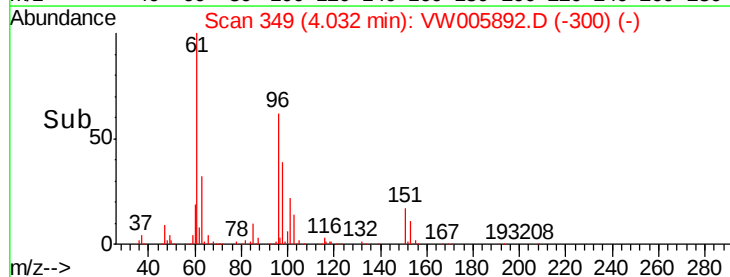
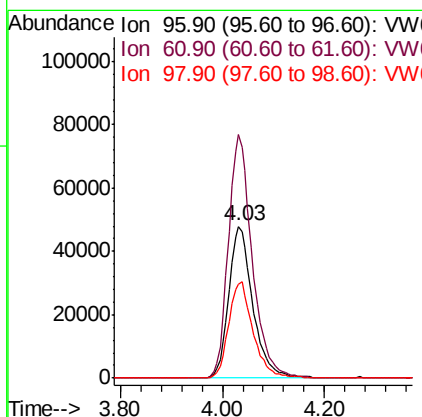
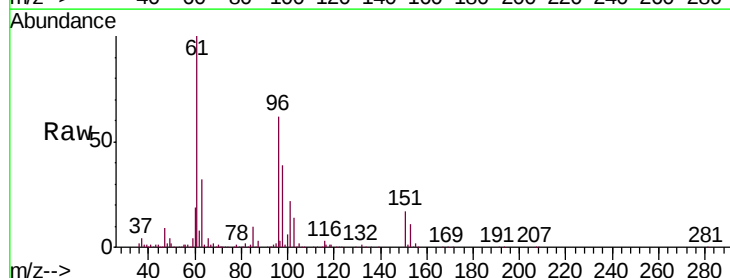
Tgt Ion: 59 Resp: 58949
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.7 11.5

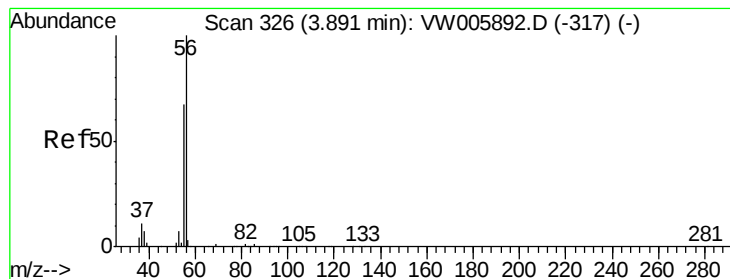


#12

1,1-Dichloroethene
 Concen: 48.961 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion: 96 Resp: 155839
 Ion Ratio Lower Upper
 96 100
 61 160.8 128.6 193.0
 98 61.7 49.4 74.0





#13

Acrolein

Concen: 219.594 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

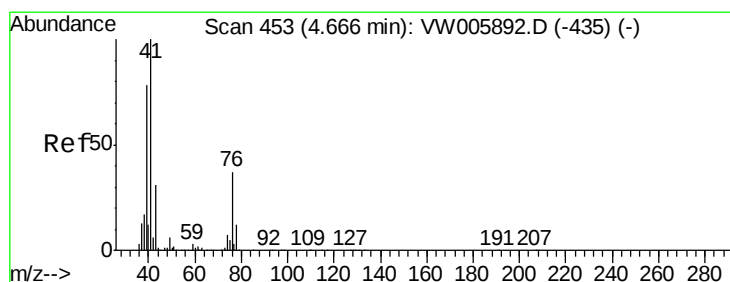
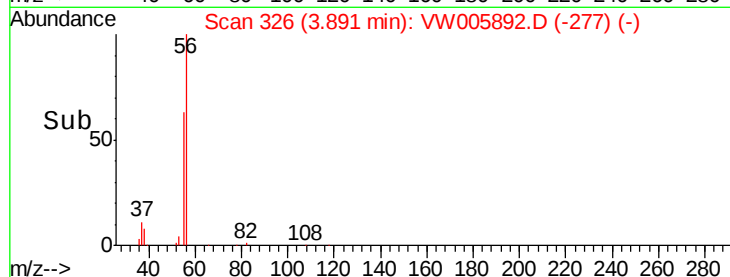
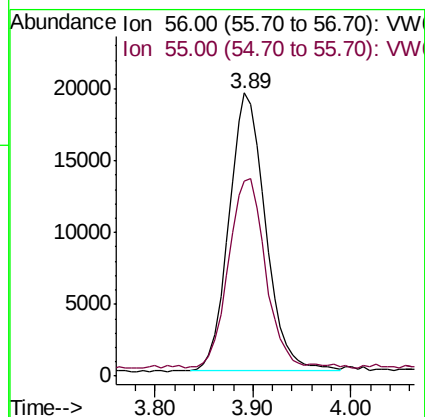
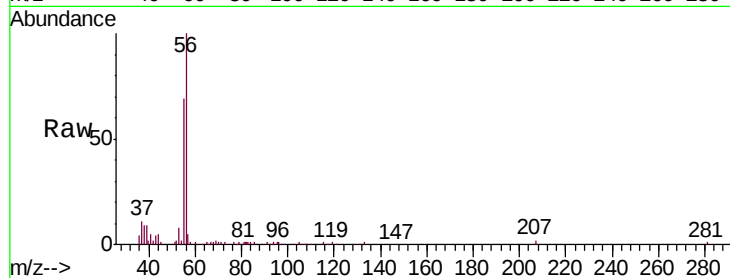
VSTDICCC050

Tgt Ion: 56 Resp: 50340

Ion Ratio Lower Upper

56 100

55 68.3 54.6 82.0



#14

Allyl chloride

Concen: 47.544 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

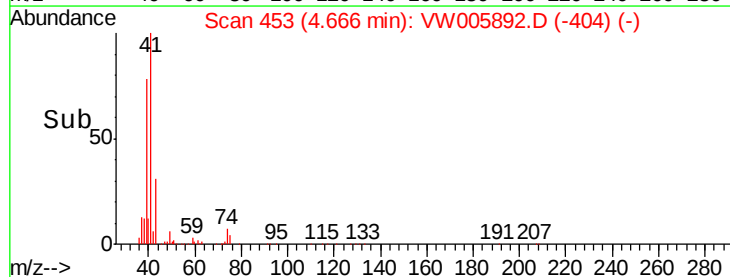
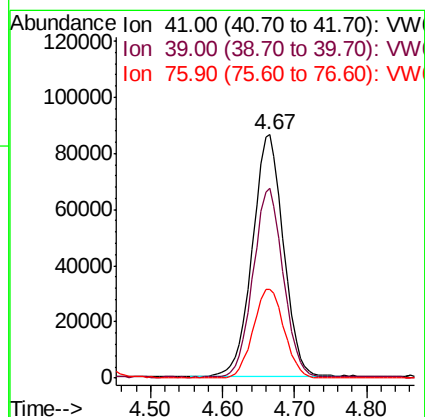
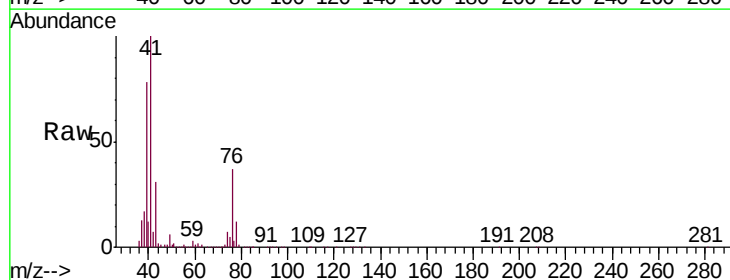
Tgt Ion: 41 Resp: 258063

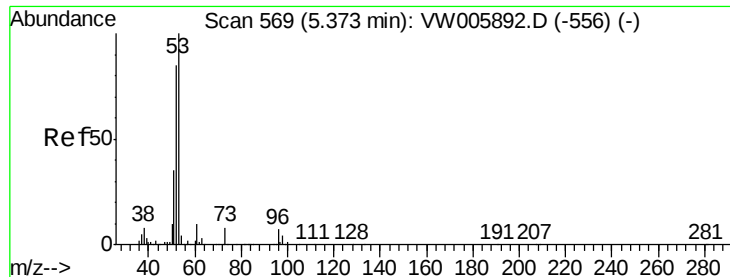
Ion Ratio Lower Upper

41 100

39 76.0 60.8 91.2

76 37.0 29.6 44.4





#15

Acrylonitrile

Concen: 239.534 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

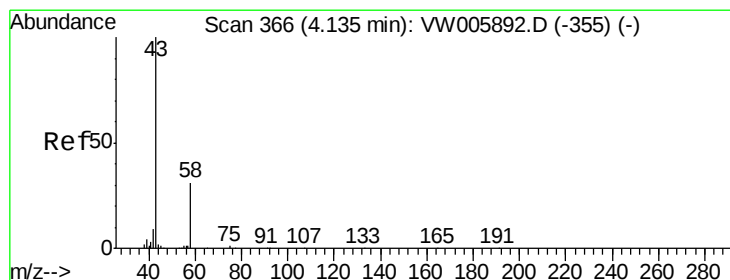
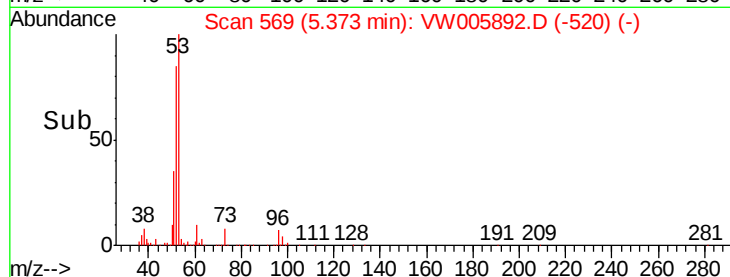
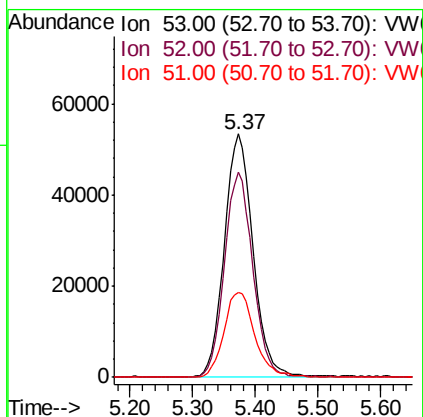
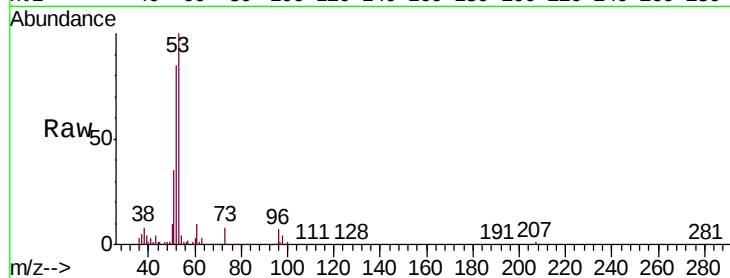
Tgt Ion: 53 Resp: 168503

Ion Ratio Lower Upper

53 100

52 83.5 66.8 100.2

51 37.2 29.8 44.6



#16

Acetone

Concen: 243.831 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.00 min

Lab File: VW005892.D

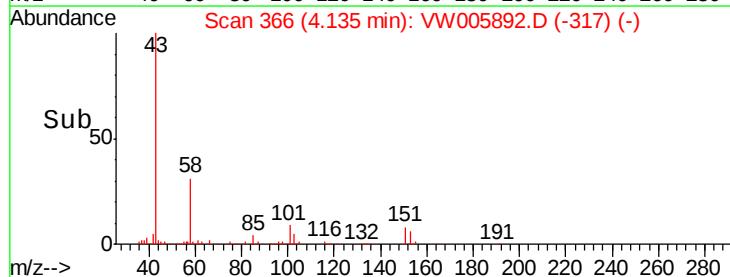
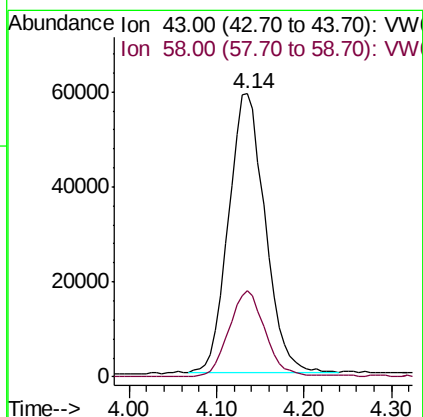
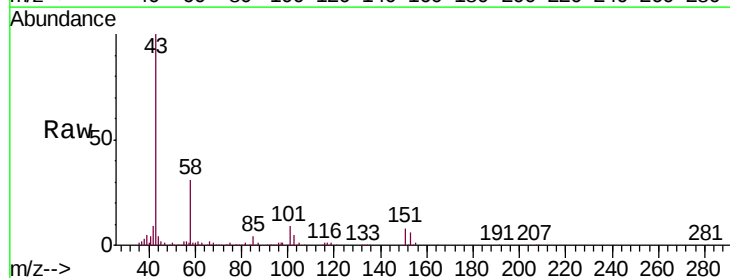
Acq: 08 Oct 2018 13:06

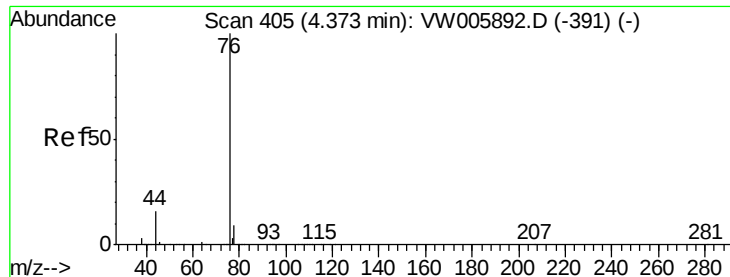
Tgt Ion: 43 Resp: 170951

Ion Ratio Lower Upper

43 100

58 30.9 24.7 37.1

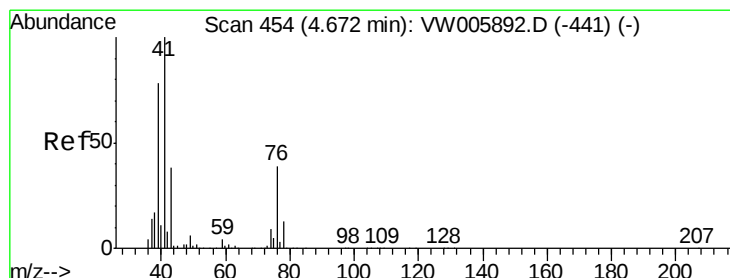
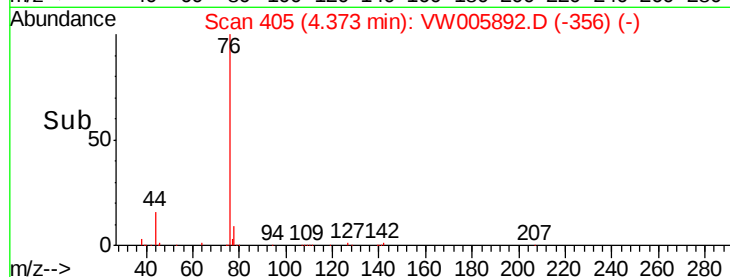
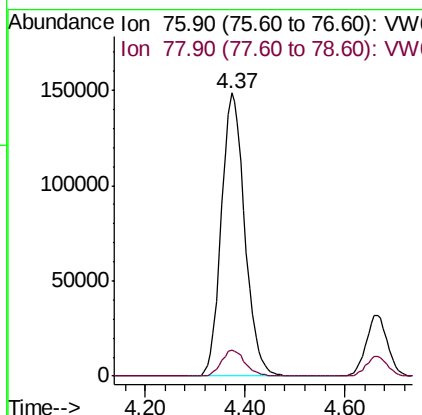
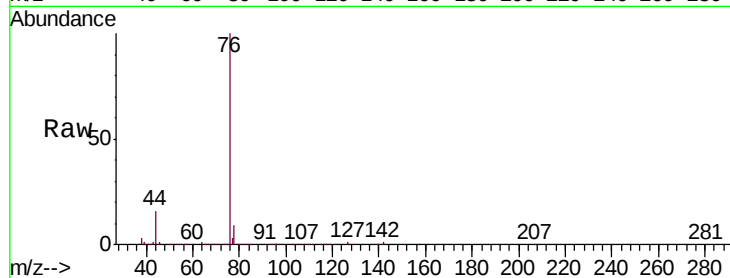




#17
Carbon Disulfide
Concen: 50.212 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

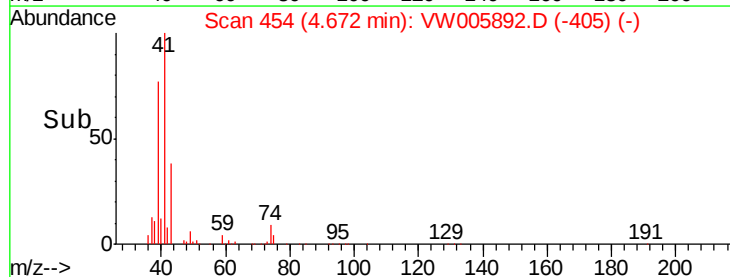
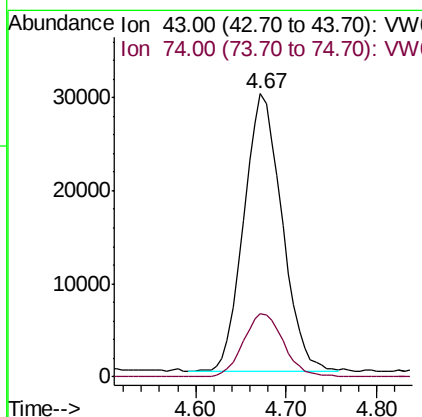
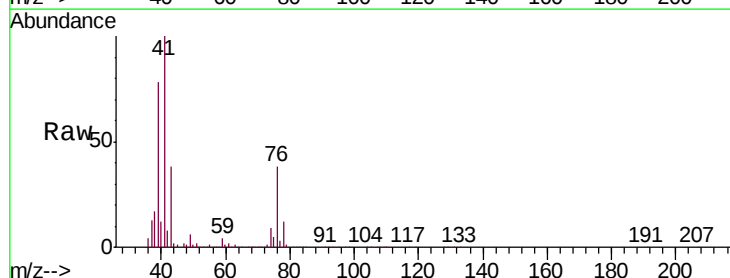
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

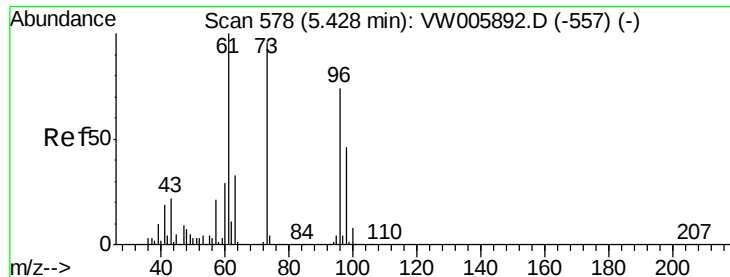
Tgt Ion: 76 Resp: 483177
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 49.188 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion: 43 Resp: 87025
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8

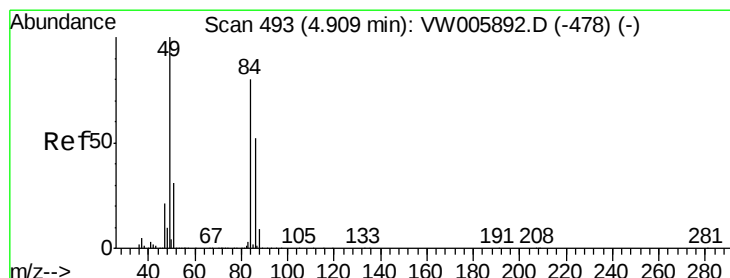
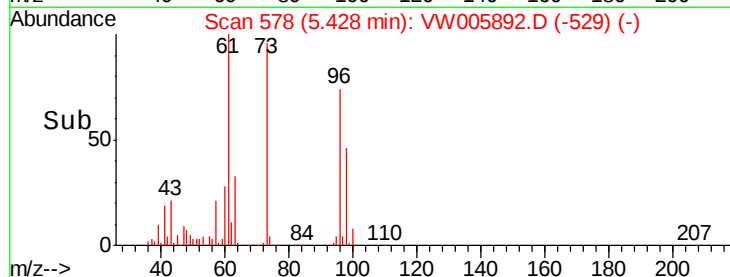
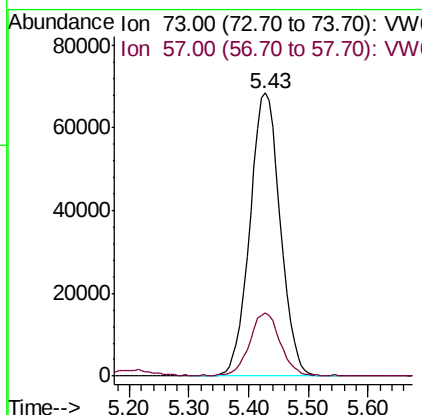
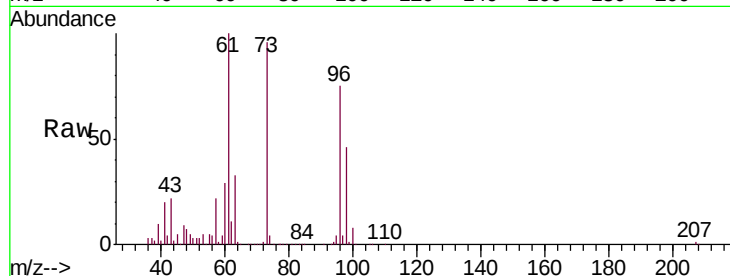




#19
Methyl tert-butyl Ether
Concen: 48.745 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

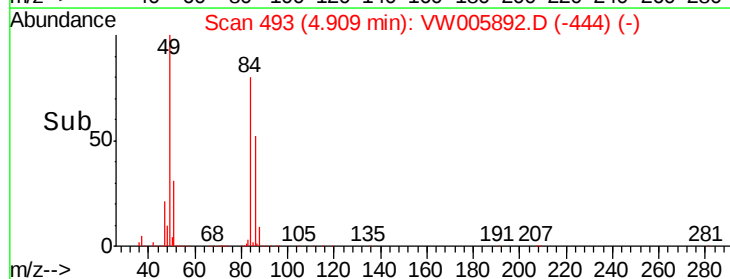
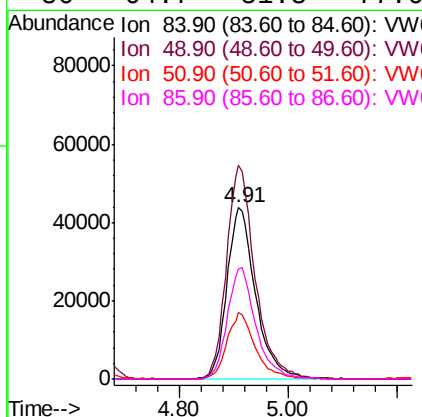
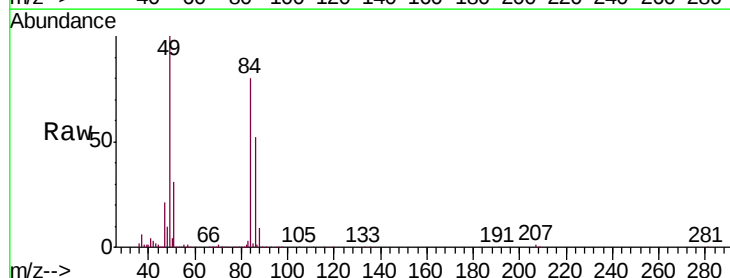
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

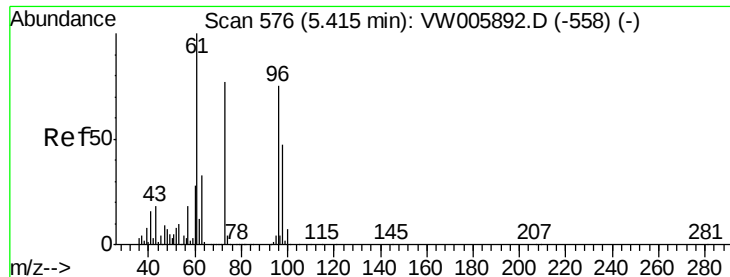
Tgt Ion: 73 Resp: 241380
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 45.599 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion: 84 Resp: 160173
Ion Ratio Lower Upper
84 100
49 124.9 99.9 149.9
51 38.9 31.1 46.7
86 64.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 49.856 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

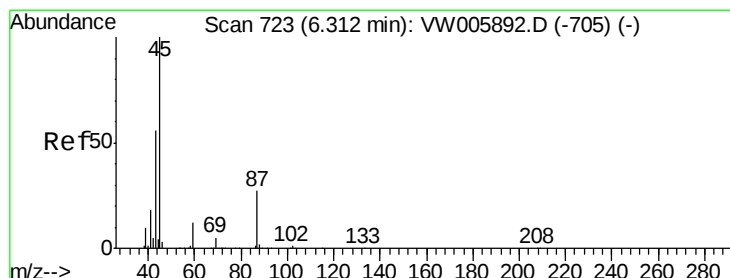
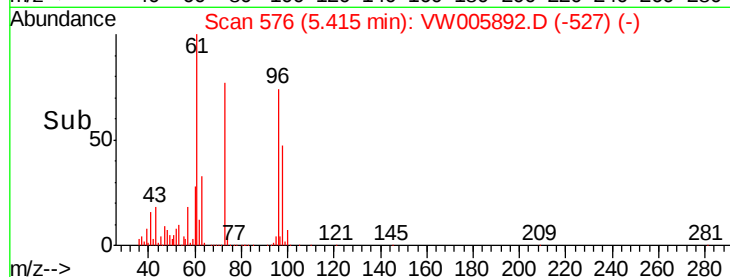
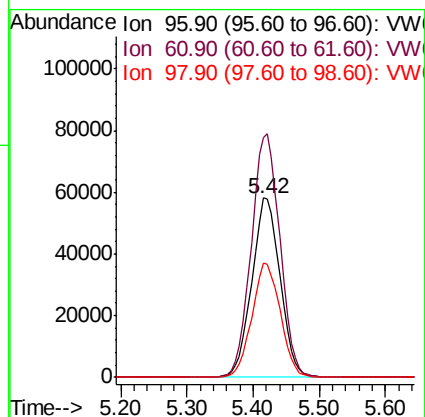
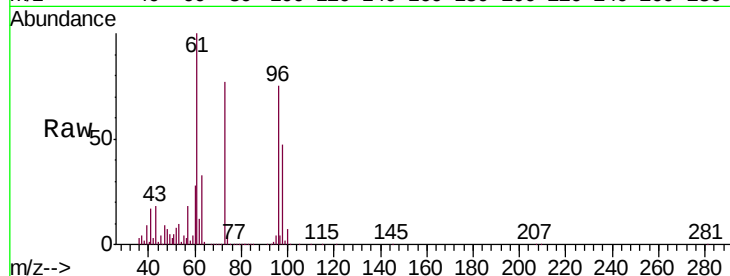
Tgt Ion: 96 Resp: 172957

Ion Ratio Lower Upper

96 100

61 134.2 107.4 161.0

98 63.5 50.8 76.2



#22

Diisopropyl ether

Concen: 48.329 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Tgt Ion: 45 Resp: 490386

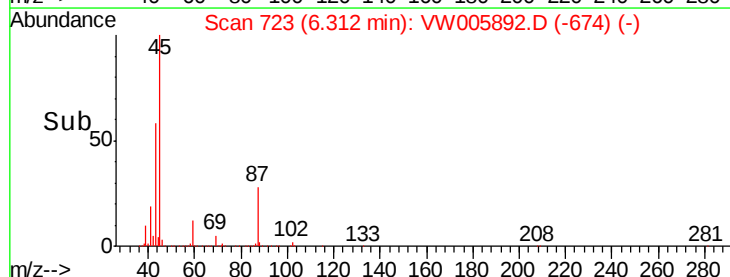
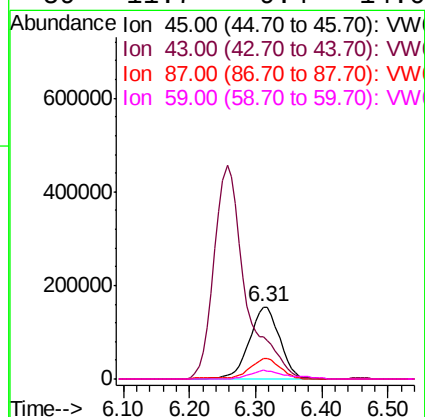
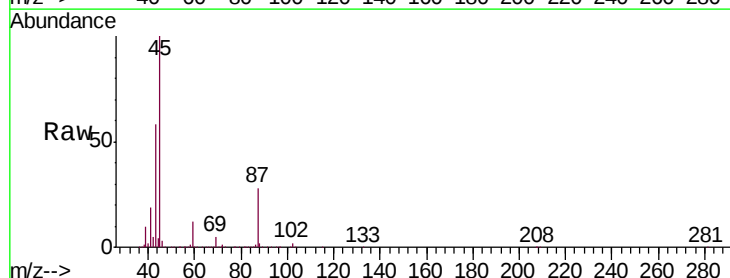
Ion Ratio Lower Upper

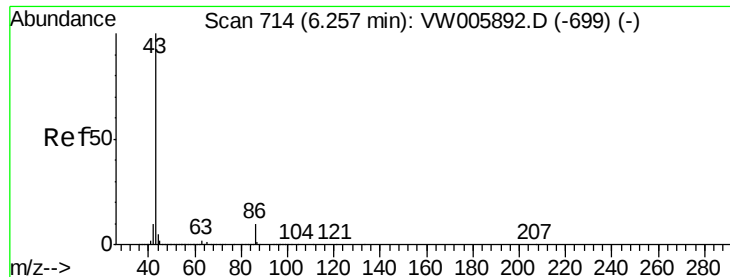
45 100

43 57.4 45.9 68.9

87 27.8 22.2 33.4

59 11.7 9.4 14.0

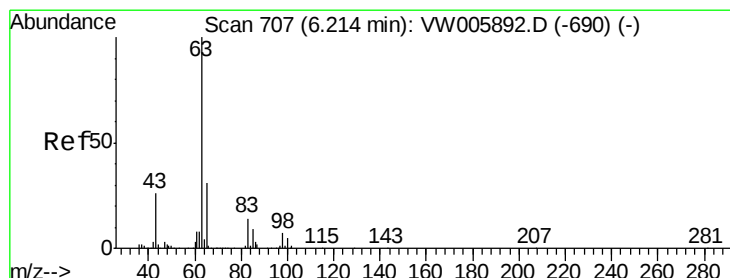
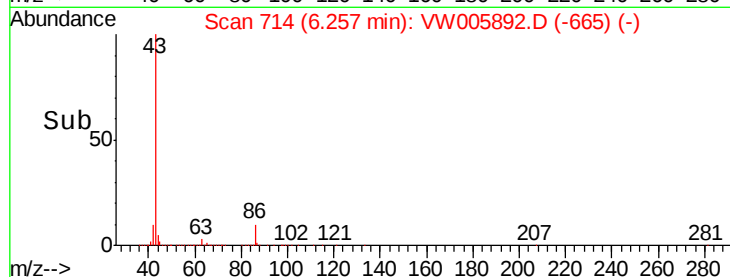
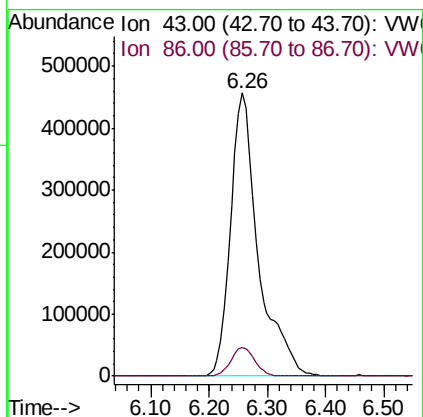
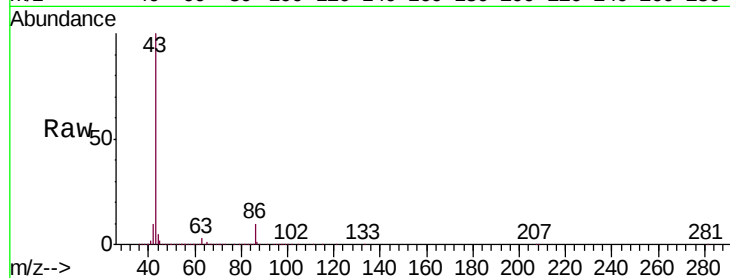




#23
 Vinyl Acetate
 Concen: 242.334 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

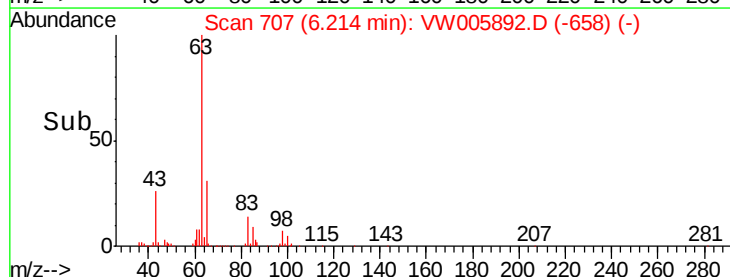
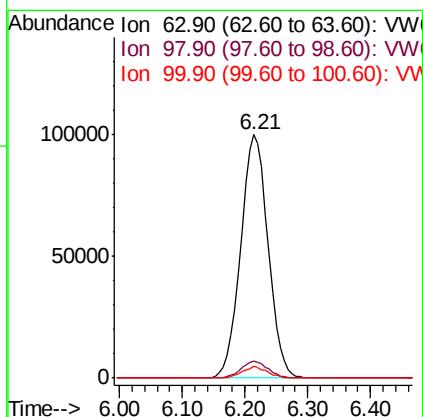
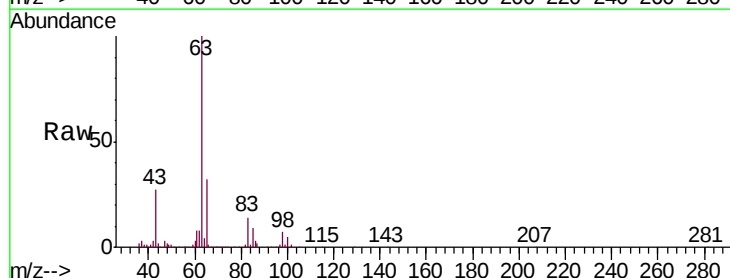
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

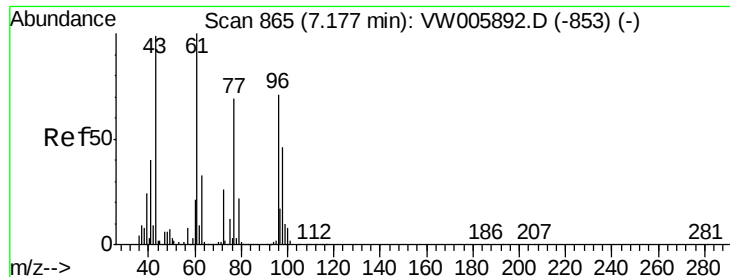
Tgt Ion: 43 Resp: 1513441
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 48.478 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion: 63 Resp: 301021
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 240.278 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

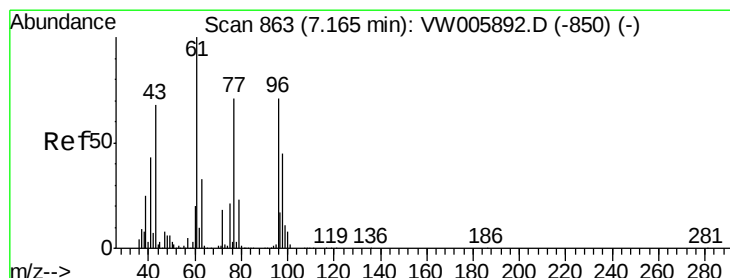
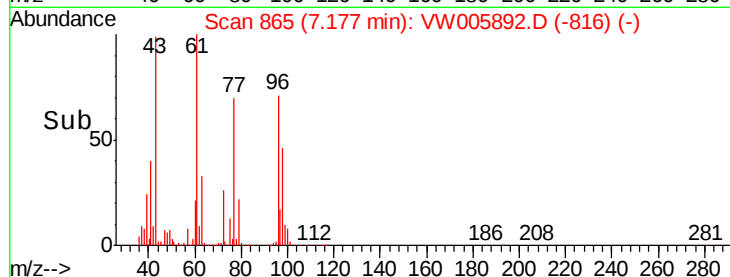
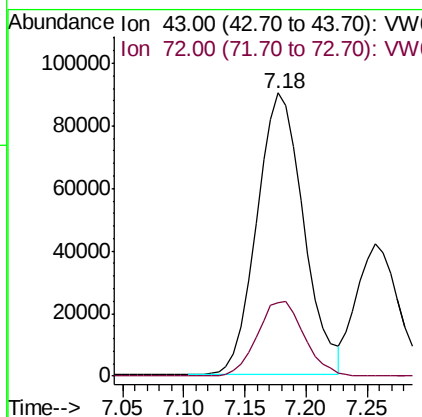
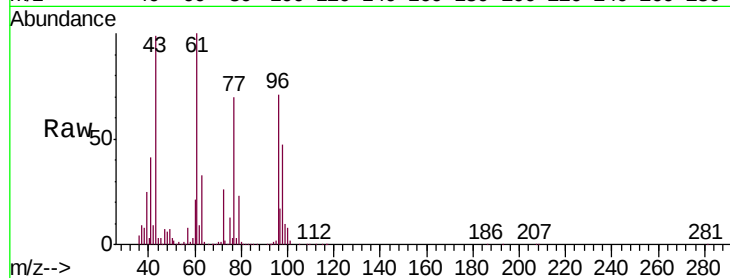
VSTDICCC050

Tgt Ion: 43 Resp: 239605

Ion Ratio Lower Upper

43 100

72 26.2 21.0 31.4



#26

2,2-Dichloropropane

Concen: 48.253 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW005892.D

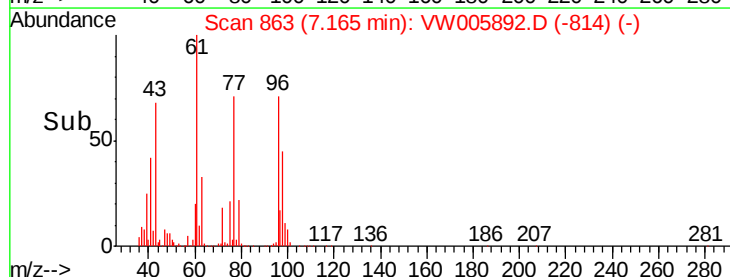
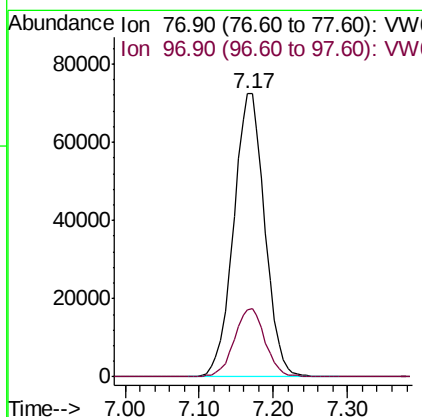
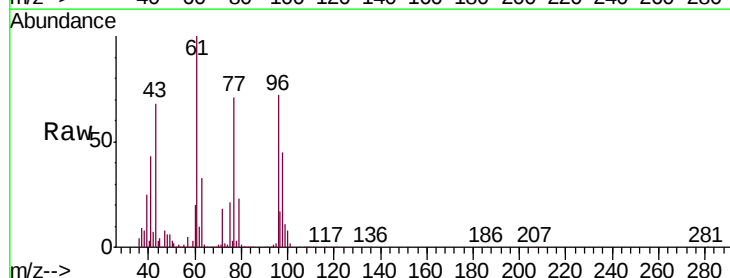
Acq: 08 Oct 2018 13:06

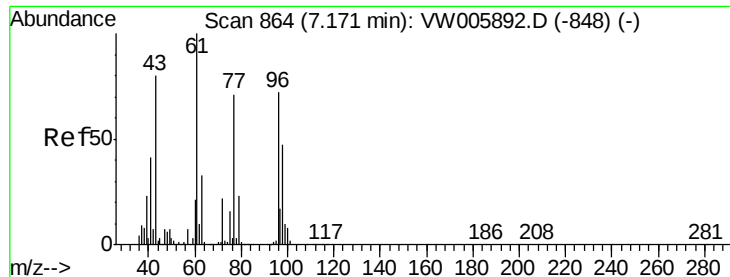
Tgt Ion: 77 Resp: 210869

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.7



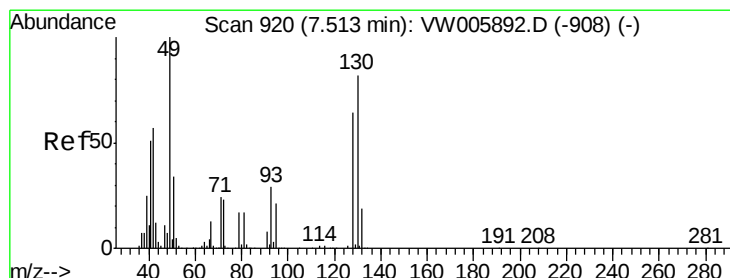
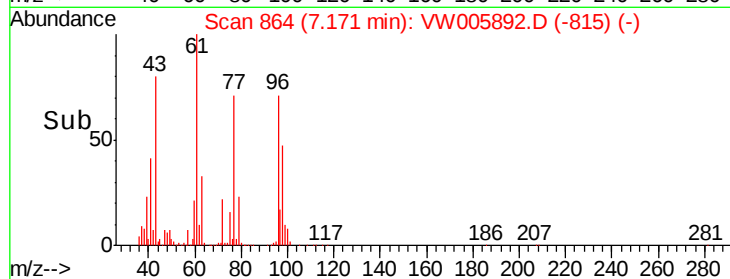
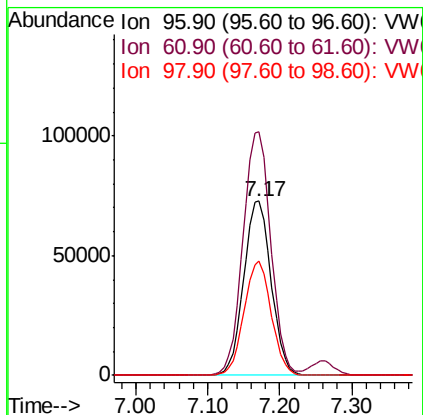
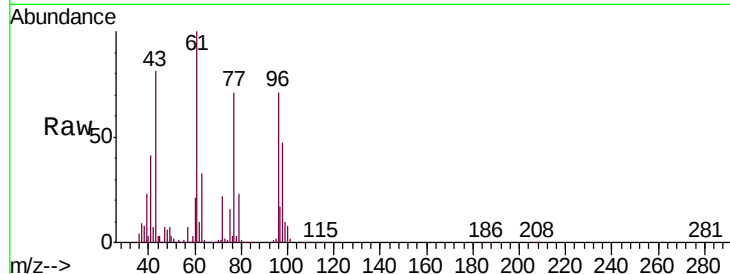


#27

cis-1,2-Dichloroethene
Concen: 49.253 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

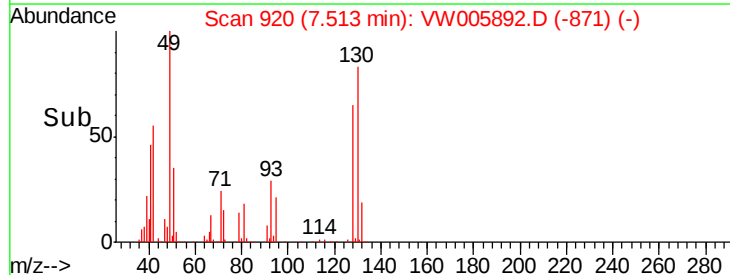
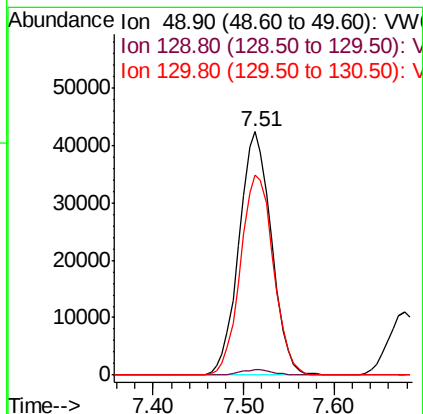
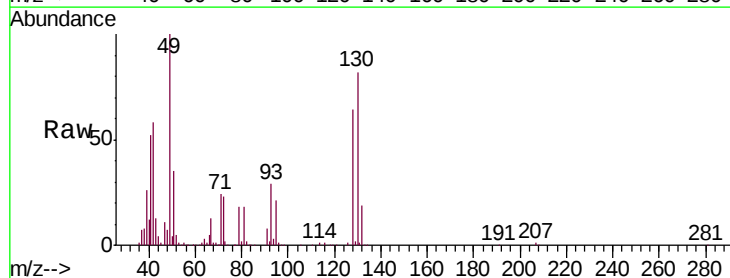
Tgt Ion: 96 Resp: 193233
Ion Ratio Lower Upper
96 100
61 142.0 0.0 284.0
98 64.9 0.0 129.8

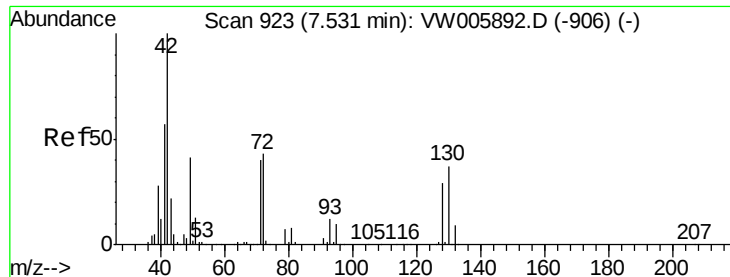


#28

Bromochloromethane
Concen: 45.846 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion: 49 Resp: 105081
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.0
130 83.6 66.9 100.3





#29

Tetrahydrofuran

Concen: 238.079 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

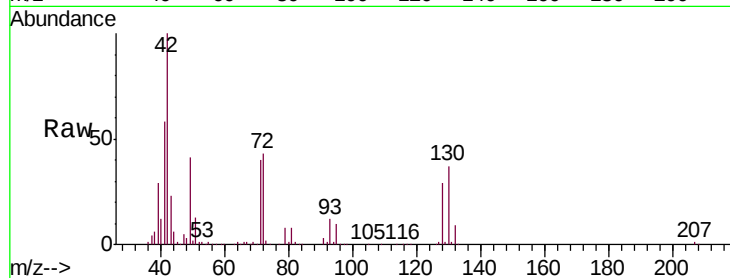
Tgt Ion: 42 Resp: 150079

Ion Ratio Lower Upper

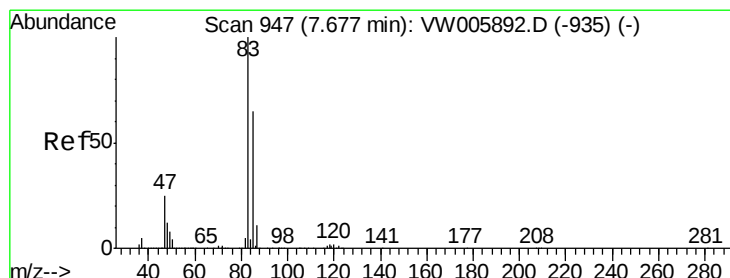
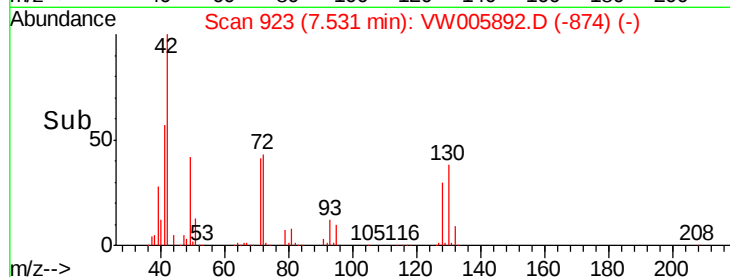
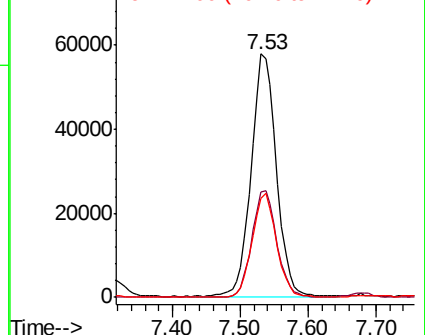
42 100

72 43.2 34.6 51.8

71 40.8 32.6 49.0



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: 48.518 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW005892.D

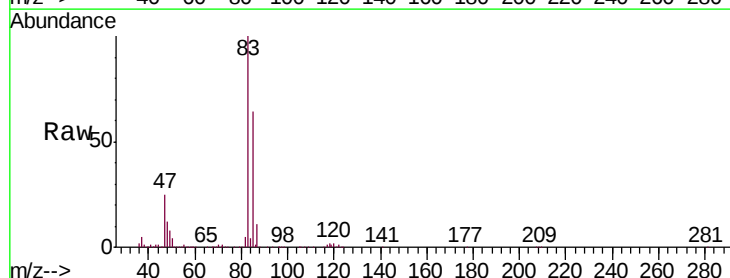
Acq: 08 Oct 2018 13:06

Tgt Ion: 83 Resp: 309450

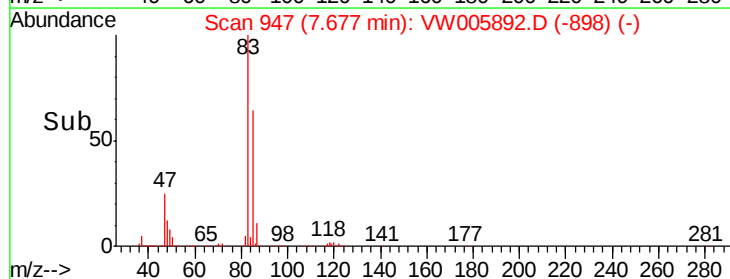
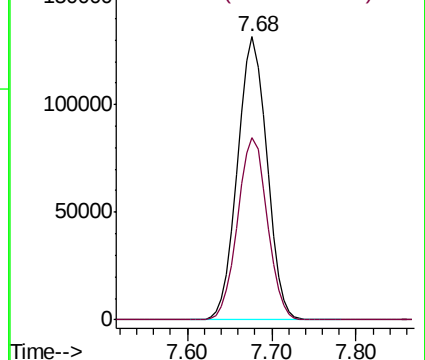
Ion Ratio Lower Upper

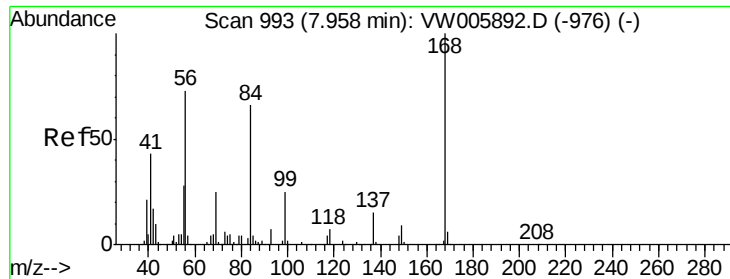
83 100

85 64.5 51.6 77.4



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

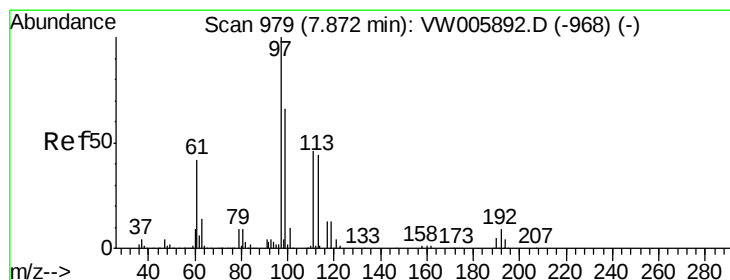
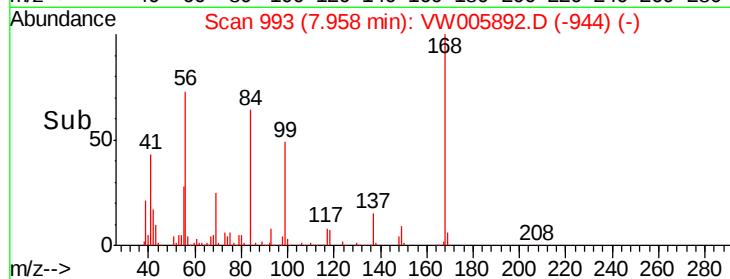
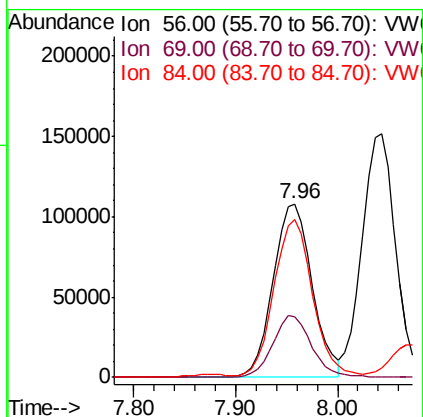
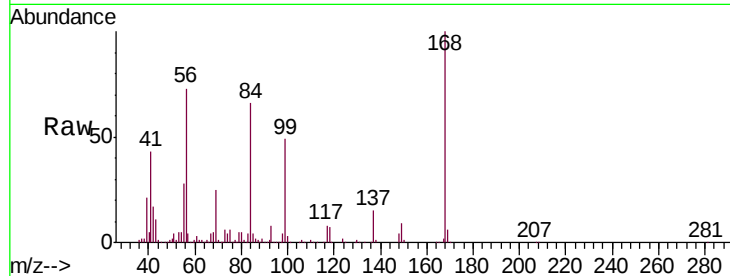




#31
Cyclohexane
Concen: 46.592 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

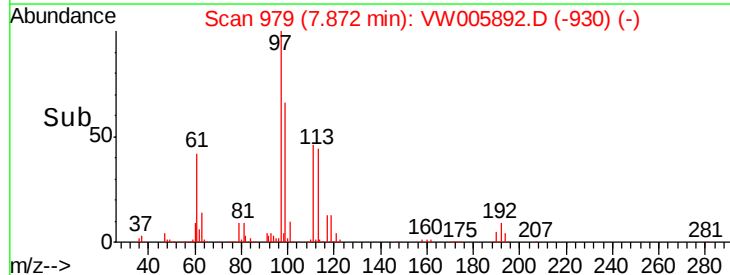
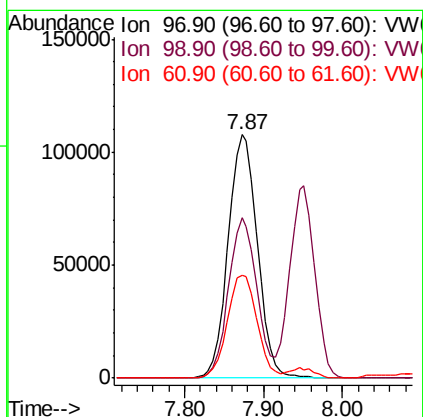
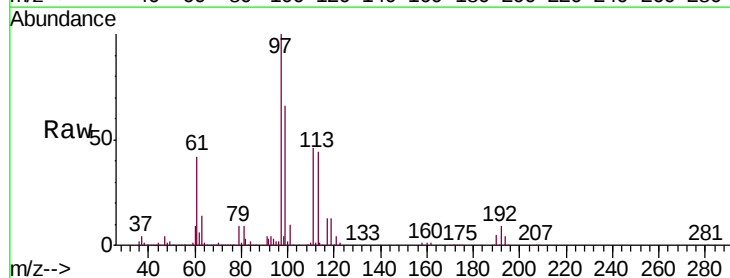
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

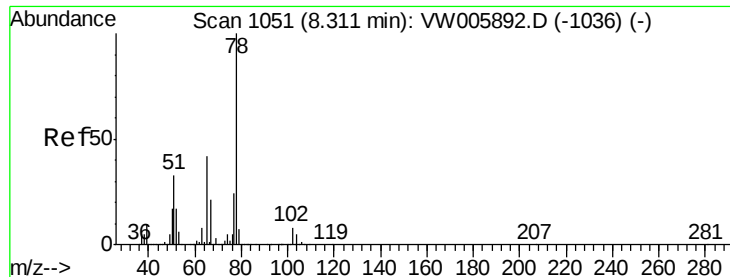
Tgt Ion: 56 Resp: 286303
Ion Ratio Lower Upper
56 100
69 34.9 27.9 41.9
84 90.4 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 48.787 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion: 97 Resp: 277113
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 43.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.579 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

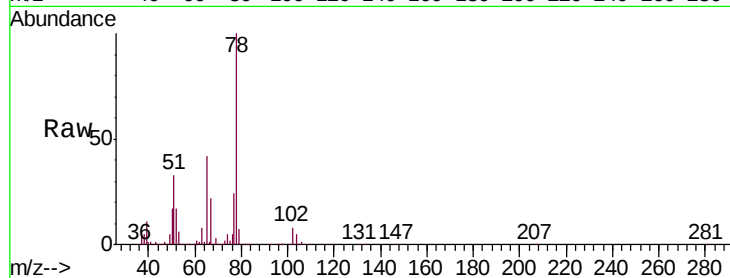
VSTDICCC050

Tgt Ion: 65 Resp: 170514

Ion Ratio Lower Upper

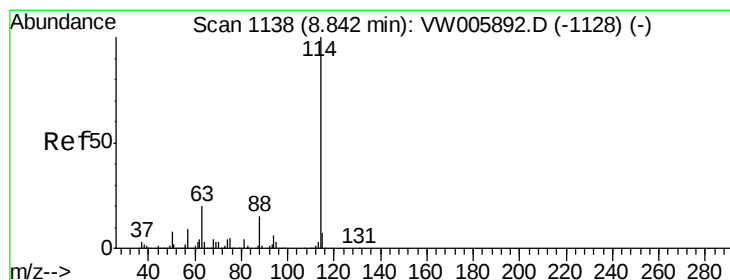
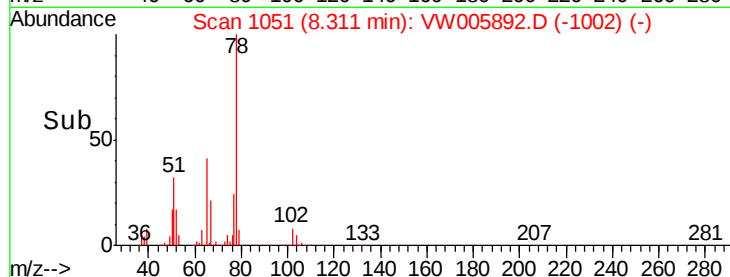
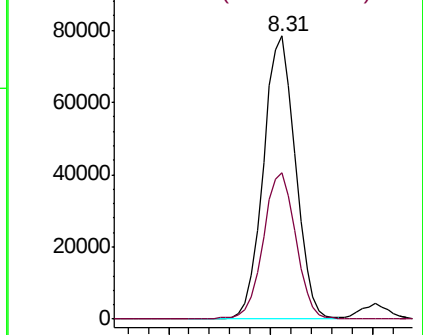
65 100

67 52.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

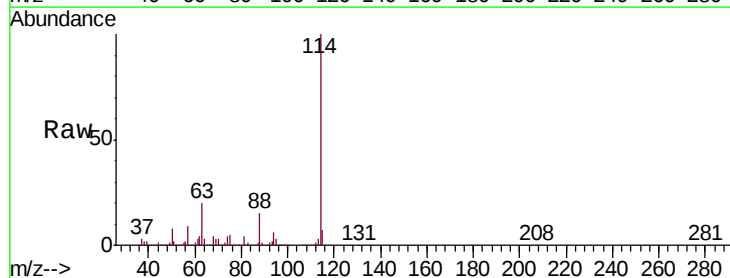
Tgt Ion: 114 Resp: 525654

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

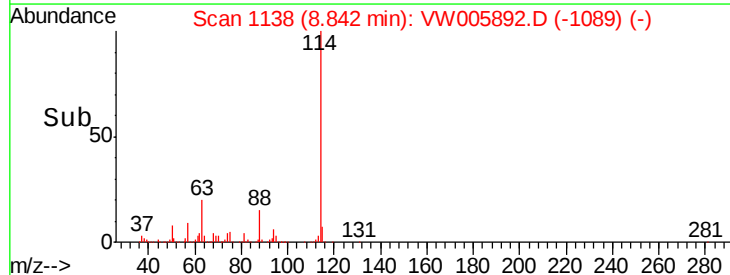
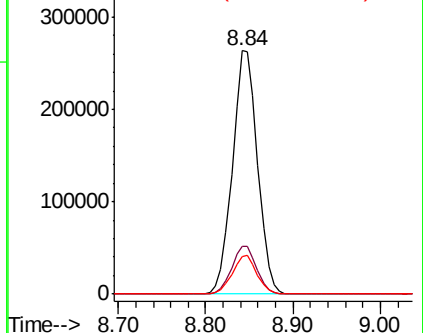
88 15.4 0.0 30.8

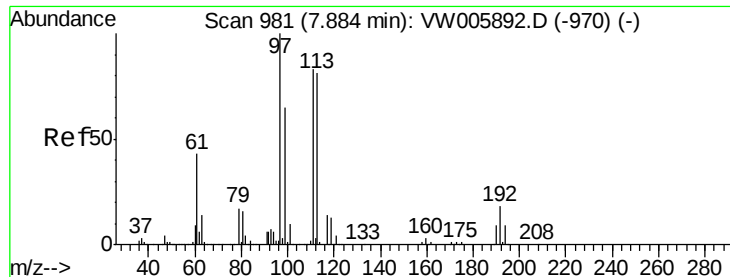


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

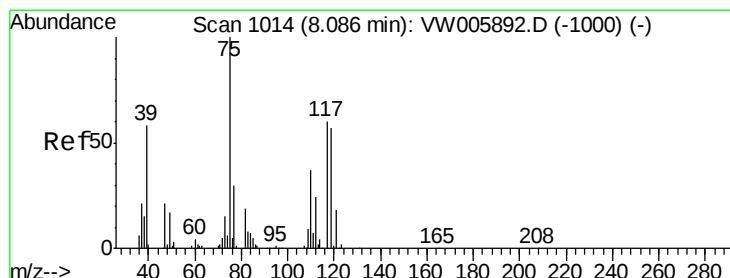
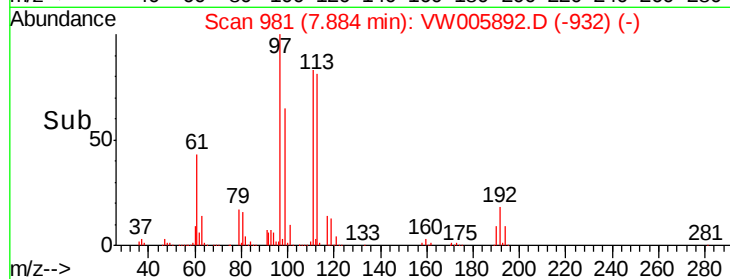
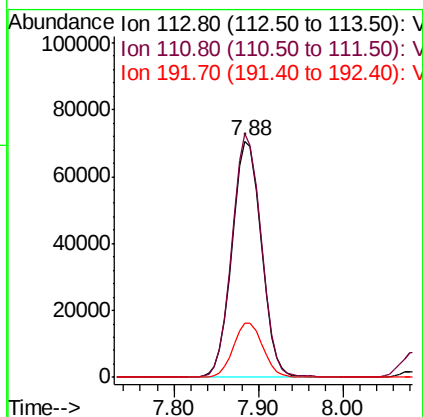
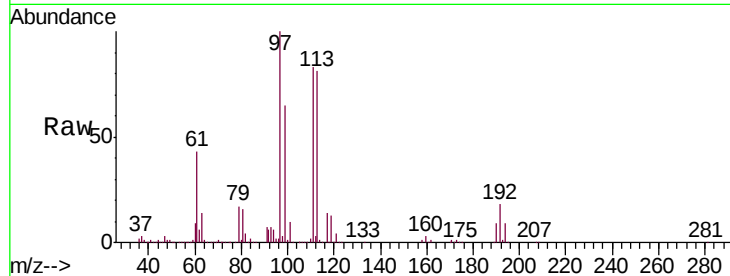




#35
 Dibromofluoromethane
 Concen: 49.661 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

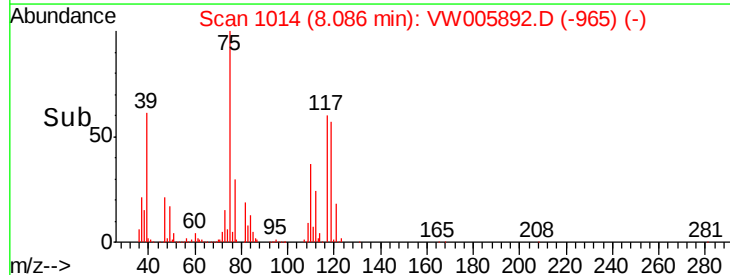
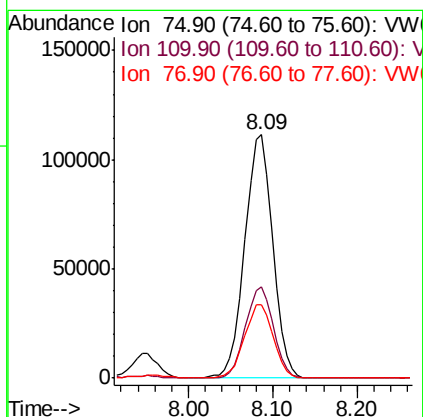
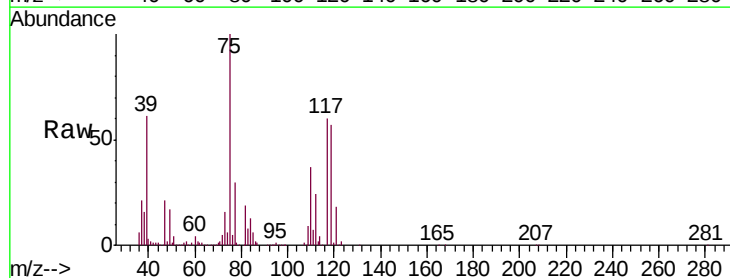
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

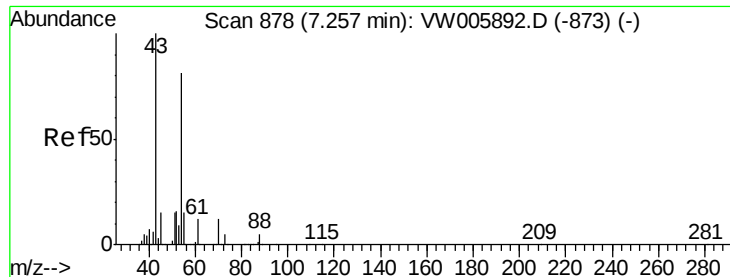
Tgt Ion: 113 Resp: 166666
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 22.9 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 49.986 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion: 75 Resp: 251768
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.6 56.0
 77 30.9 24.7 37.1

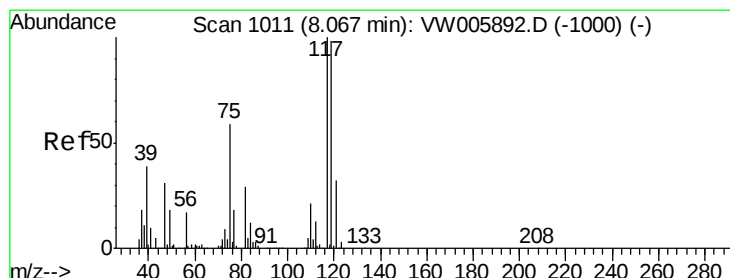
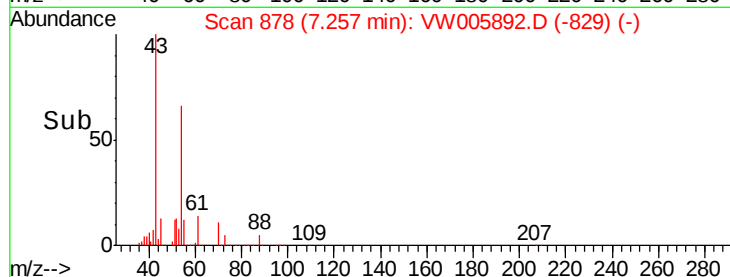
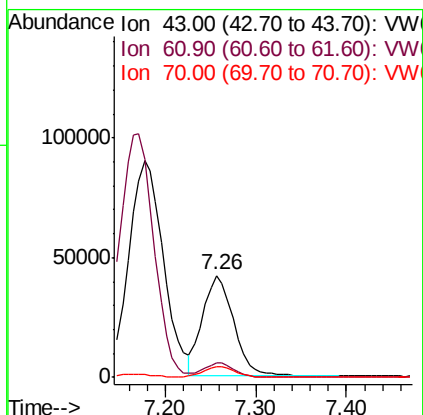
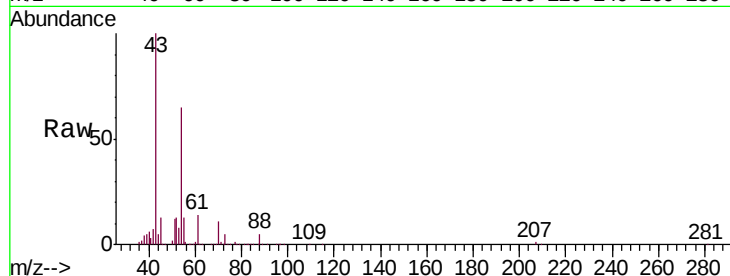




#37
 Ethyl Acetate
 Concen: 47.963 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

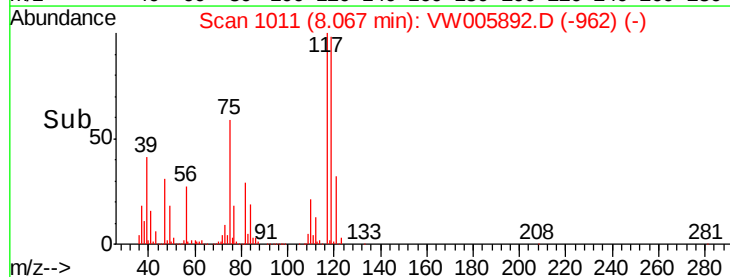
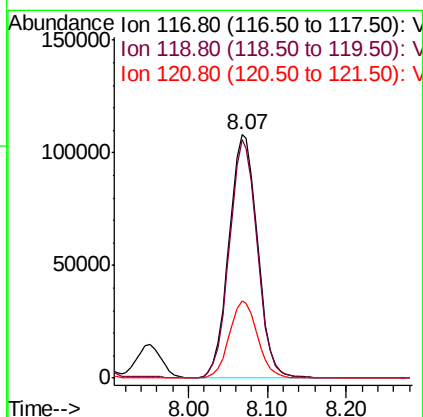
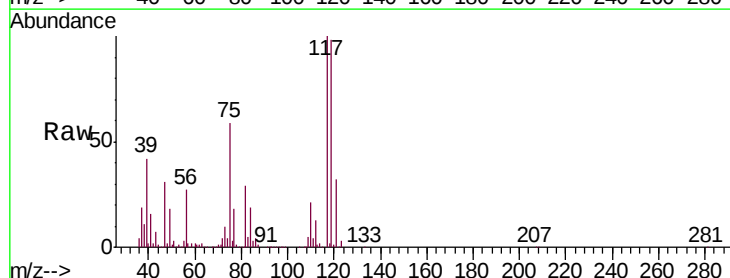
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

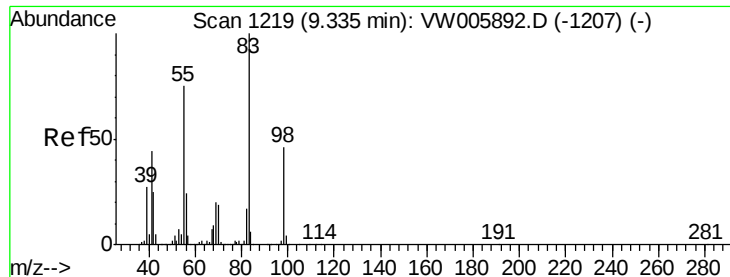
Tgt Ion: 43 Resp: 102302
 Ion Ratio Lower Upper
 43 100
 61 13.3 10.6 16.0
 70 10.8 8.6 13.0



#38
 Carbon Tetrachloride
 Concen: 50.362 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion: 117 Resp: 272531
 Ion Ratio Lower Upper
 117 100
 119 98.2 78.6 117.8
 121 31.6 25.3 37.9

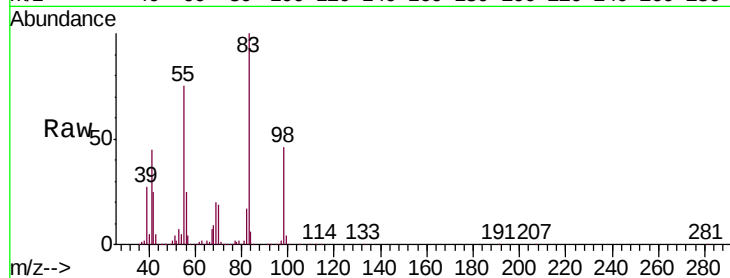




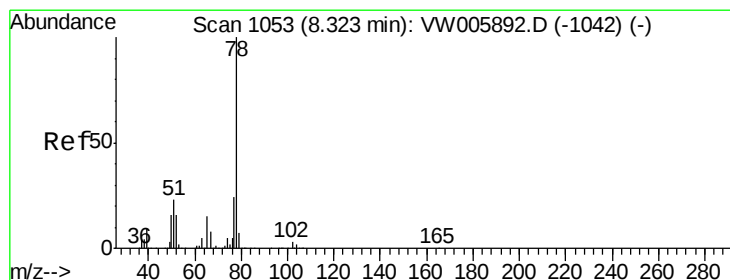
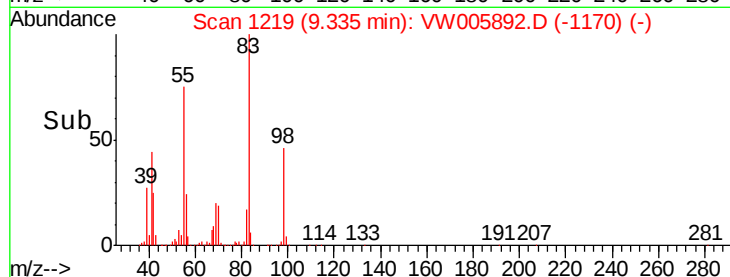
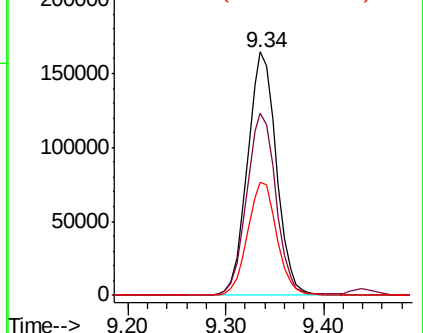
#39
Methylcyclohexane
Concen: 50.701 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 336822
Ion Ratio Lower Upper
83 100
55 74.7 59.8 89.6
98 46.4 37.1 55.7

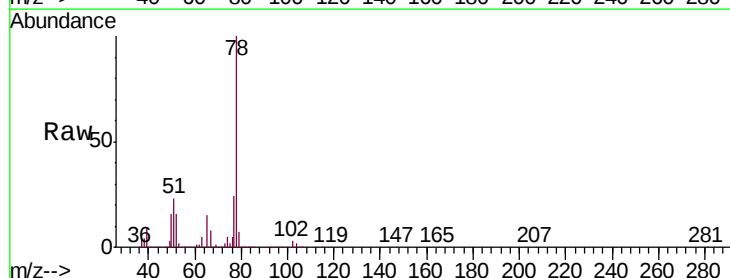


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

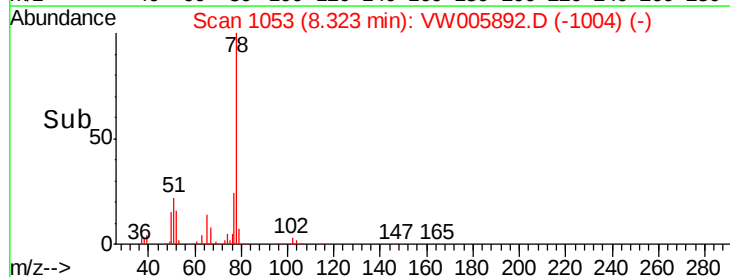
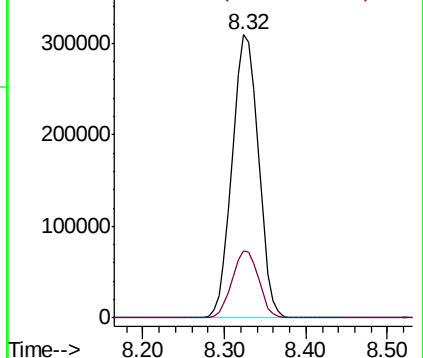


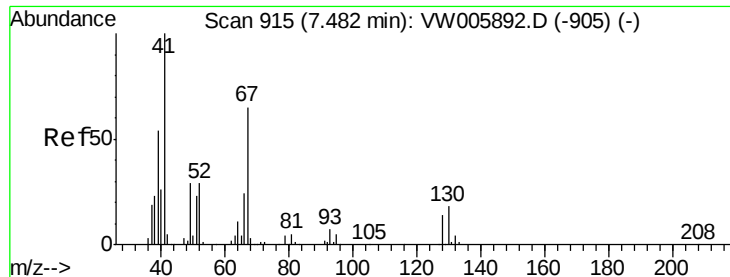
#40
Benzene
Concen: 49.859 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion: 78 Resp: 687323
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7



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

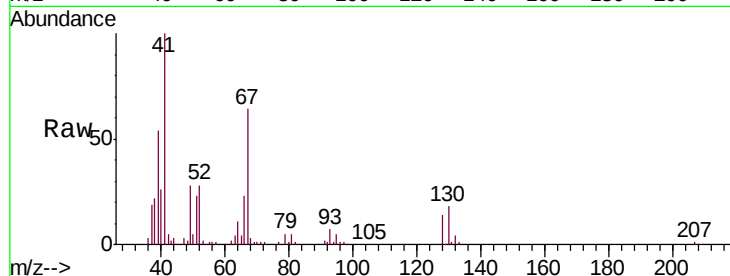




#41
Methacrylonitrile
Concen: 46.728 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	62399
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.0	67.4
67	69.8	55.8	83.8
52	31.6	25.3	37.9



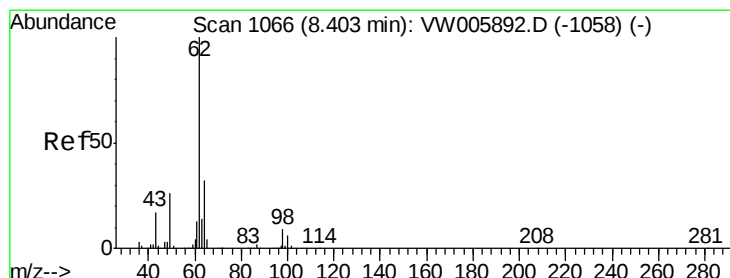
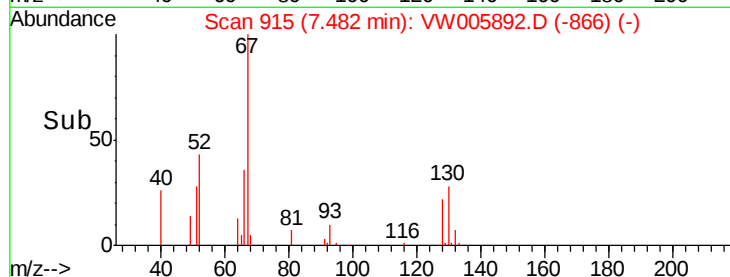
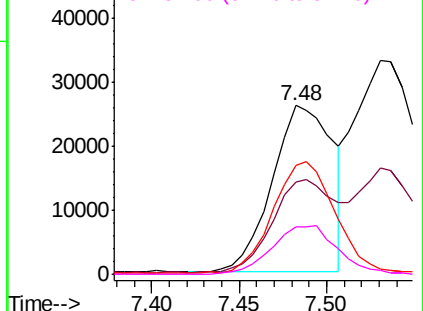
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

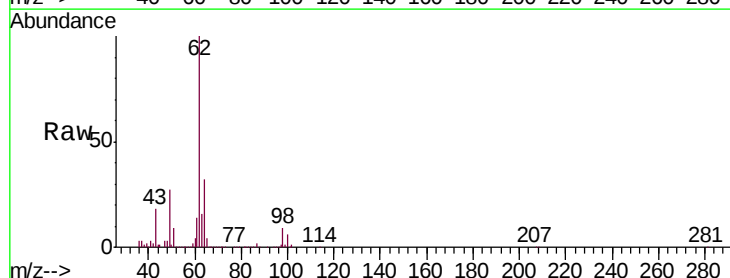
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 49.056 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

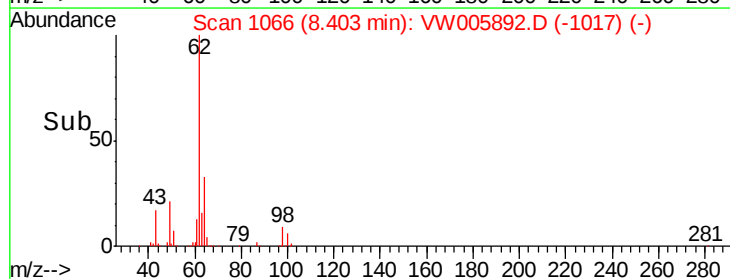
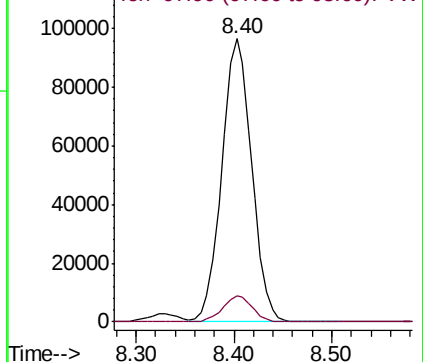
Tgt Ion:	62	Resp:	204307
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0

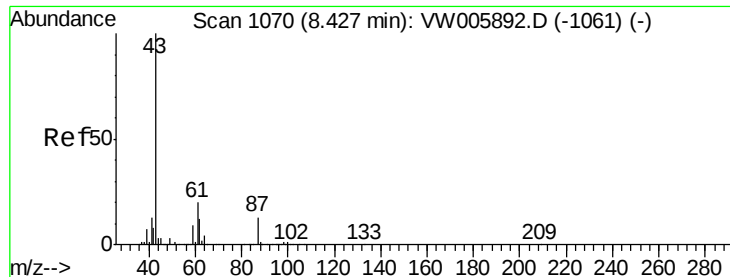


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 49.212 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

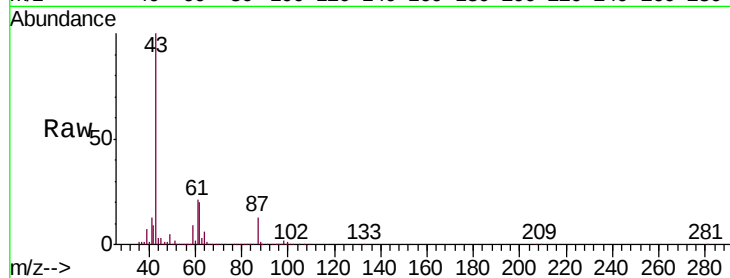
Tgt Ion: 43 Resp: 219266

Ion Ratio Lower Upper

43 100

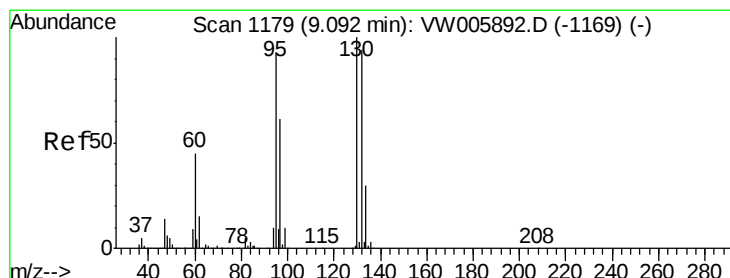
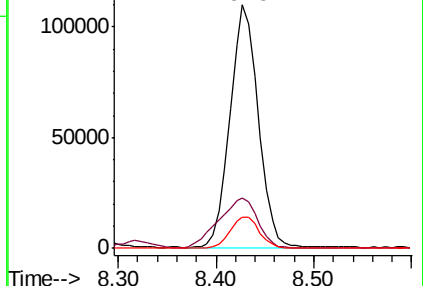
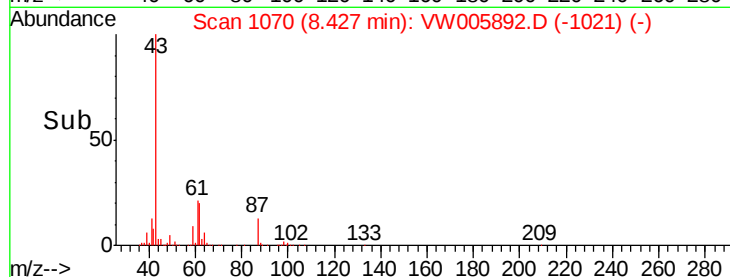
61 28.9 23.1 34.7

87 13.4 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VW
150000 Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

8.43



#44

Trichloroethene

Concen: 50.881 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW005892.D

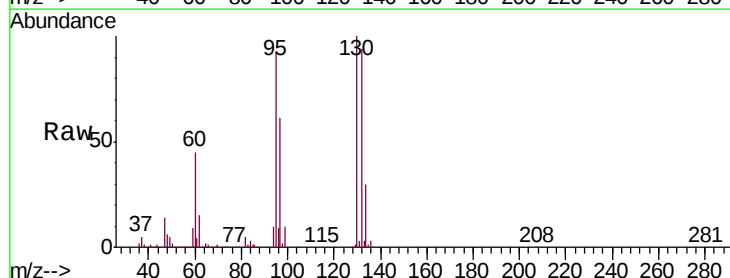
Acq: 08 Oct 2018 13:06

Tgt Ion: 130 Resp: 203512

Ion Ratio Lower Upper

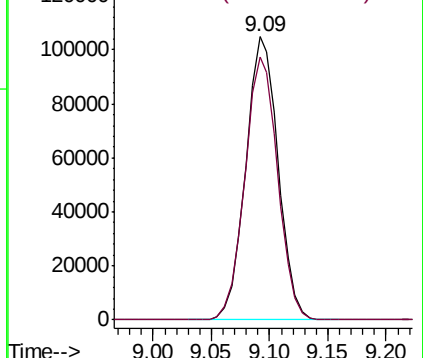
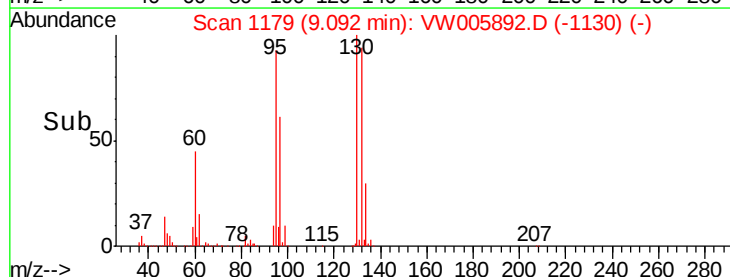
130 100

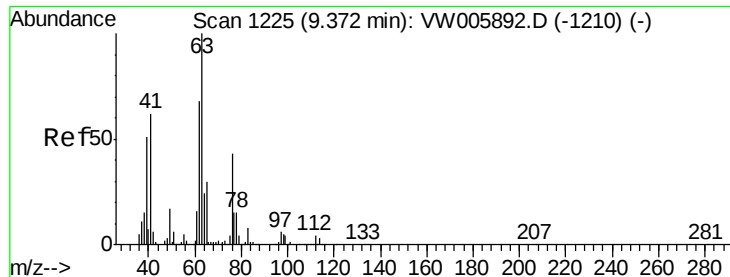
95 92.8 0.0 185.6



Abundance Ion 129.80 (129.50 to 130.50): V
120000 Ion 94.90 (94.60 to 95.60): VW

9.09

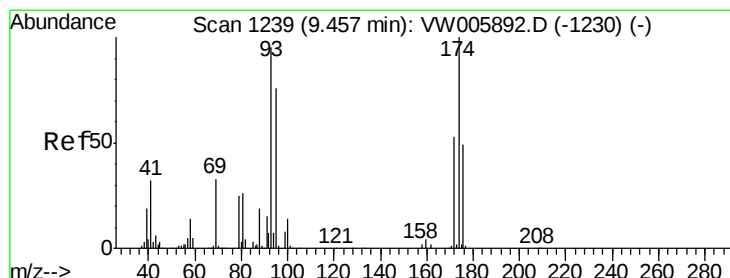
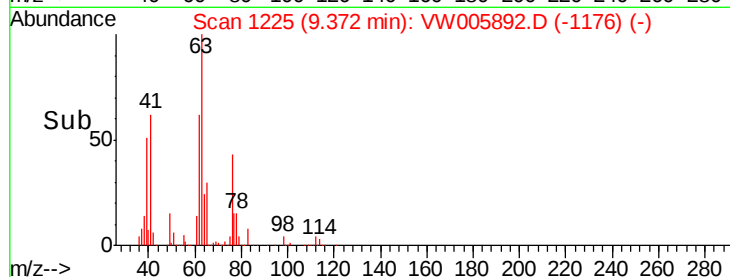
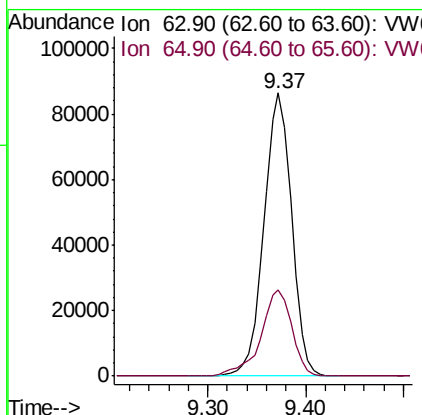
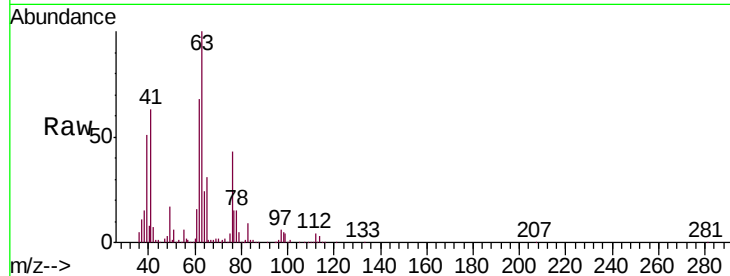




#45
 1,2-Dichloropropane
 Concen: 49.289 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

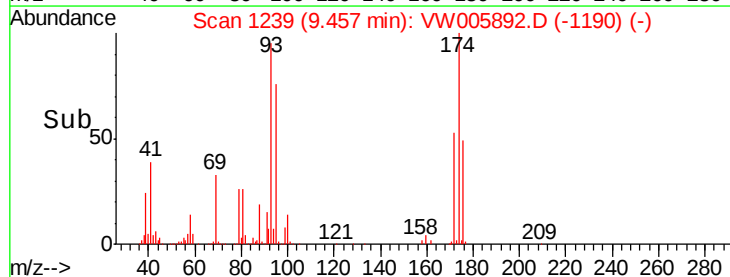
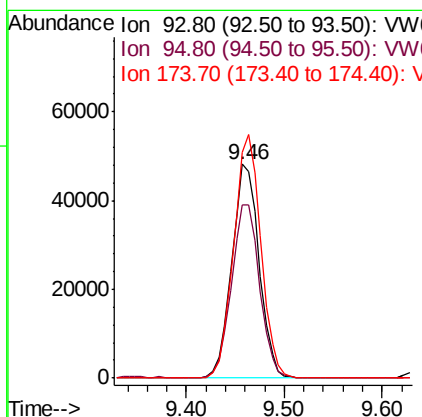
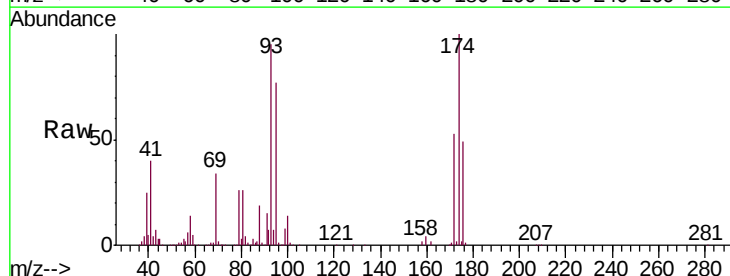
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

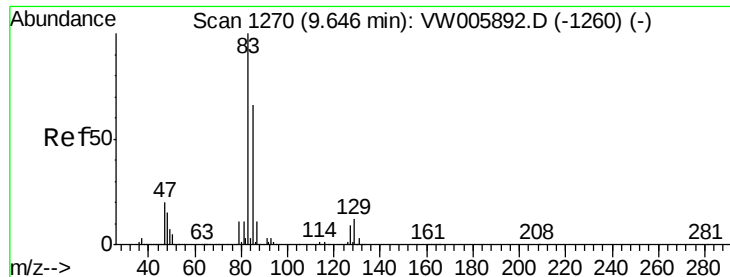
Tgt Ion: 63 Resp: 170081
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.3 36.5



#46
 Dibromomethane
 Concen: 49.265 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion: 93 Resp: 93432
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 99.8
 174 113.0 90.4 135.6





#47

Bromodichloromethane

Concen: 49.108 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

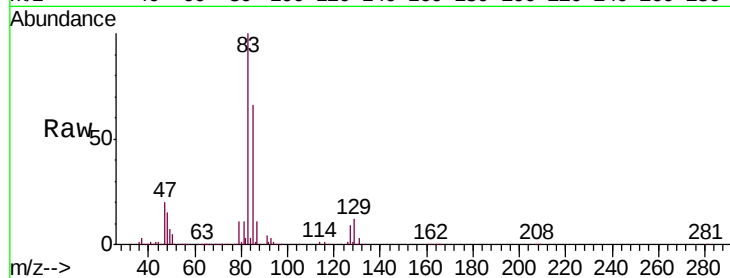
Tgt Ion: 83 Resp: 234365

Ion Ratio Lower Upper

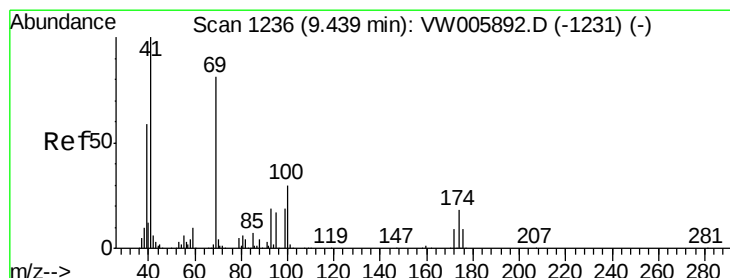
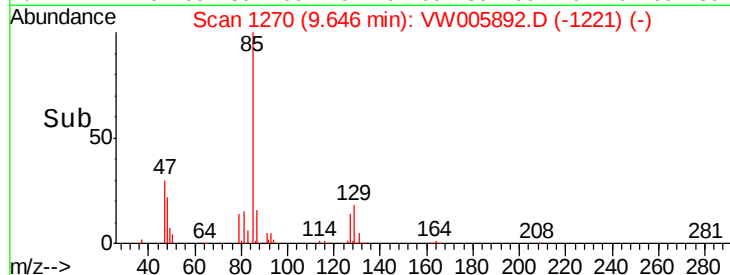
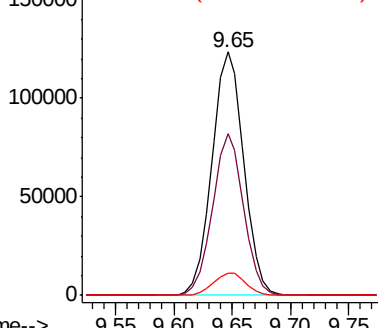
83 100

85 66.3 53.0 79.6

127 9.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 49.372 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

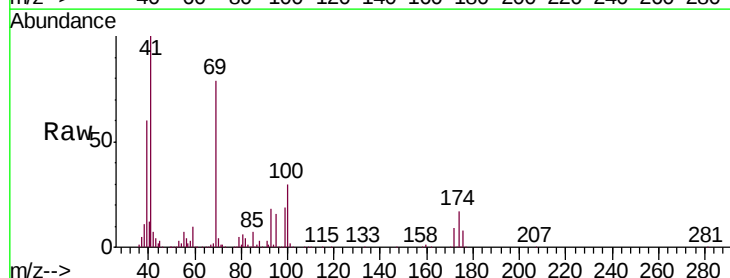
Tgt Ion: 41 Resp: 104792

Ion Ratio Lower Upper

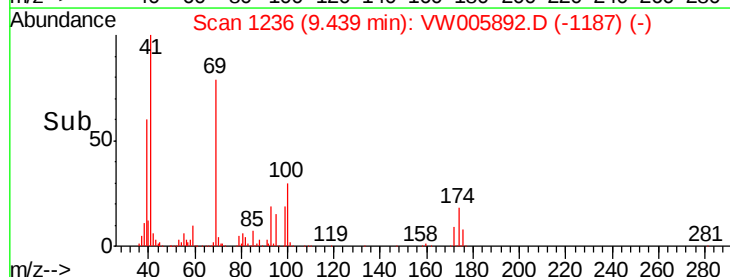
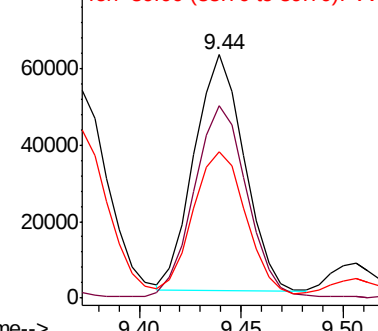
41 100

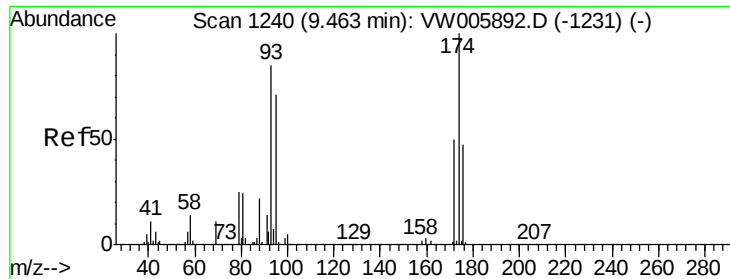
69 85.9 68.7 103.1

39 62.5 50.0 75.0



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

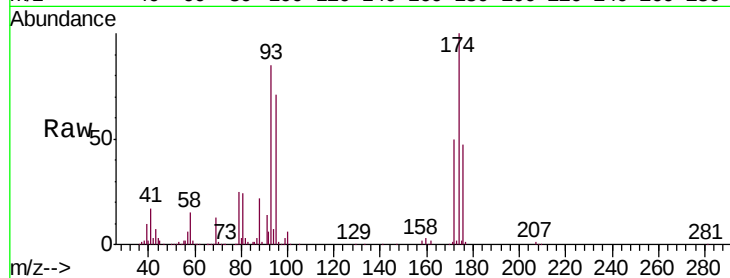




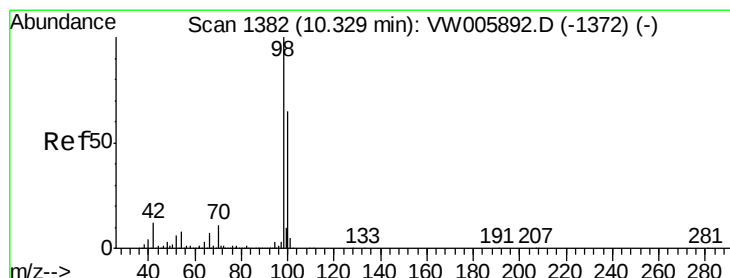
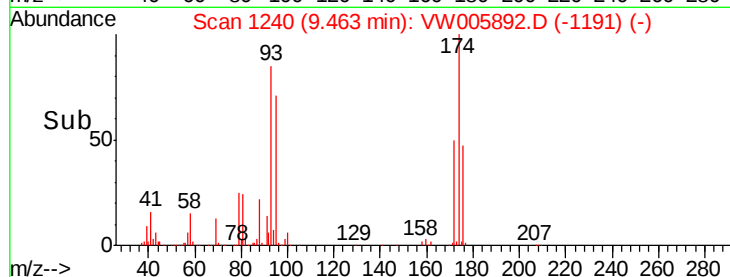
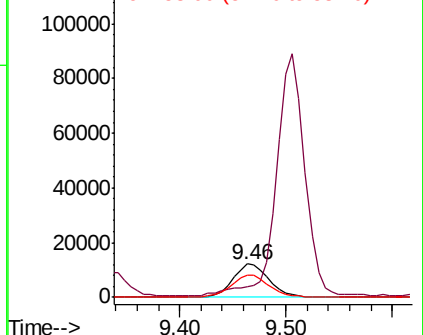
#49
 1,4-Dioxane
 Concen: 999.197 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 88 Resp: 28784
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 72.1 57.7 86.5

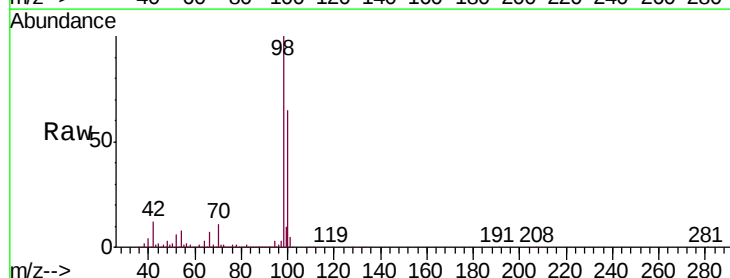


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

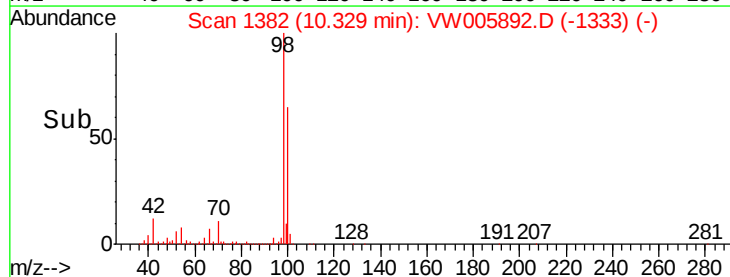
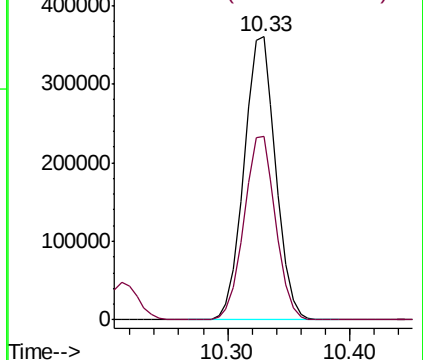


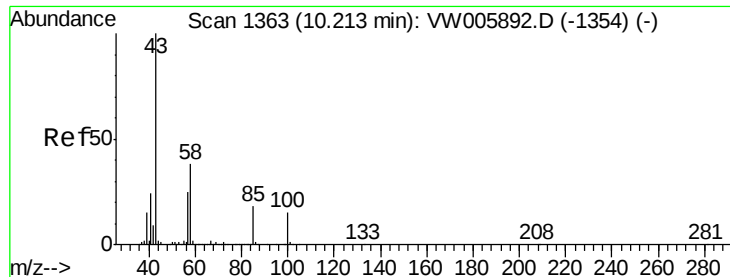
#50
 Toluene-d8
 Concen: 49.893 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion: 98 Resp: 644225
 Ion Ratio Lower Upper
 98 100
 100 64.9 51.9 77.9



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

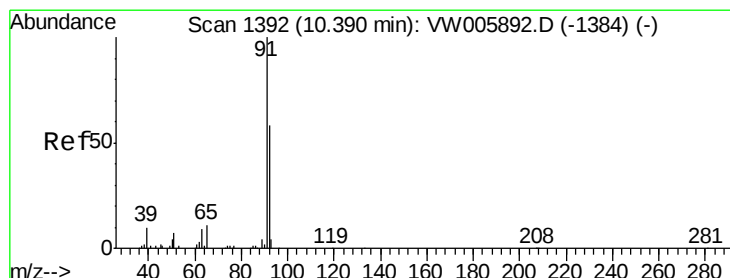
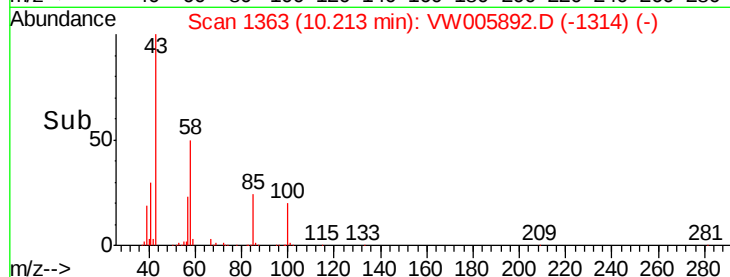
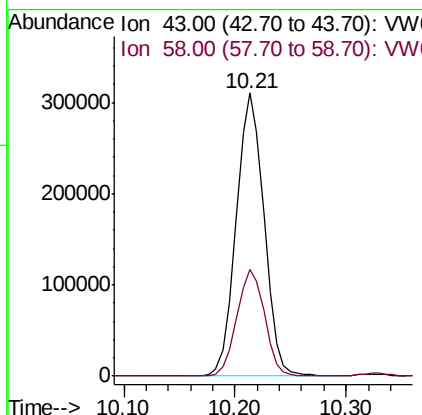
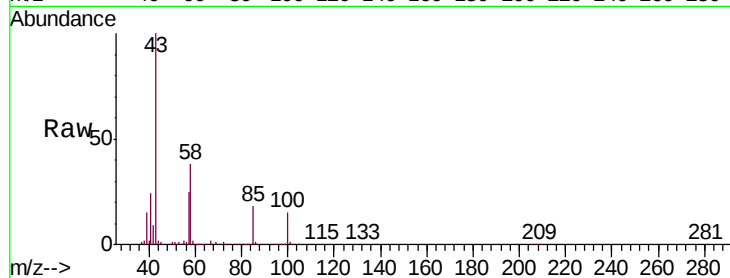




#51
4-Methyl-2-Pentanone
Concen: 245.554 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

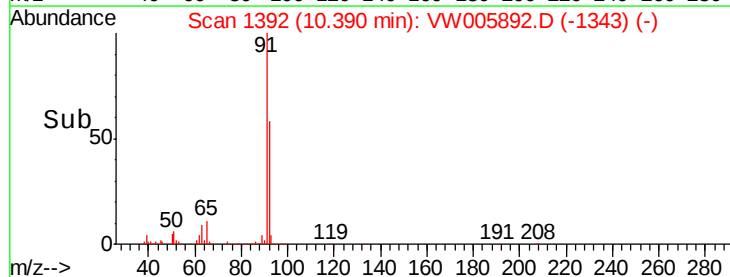
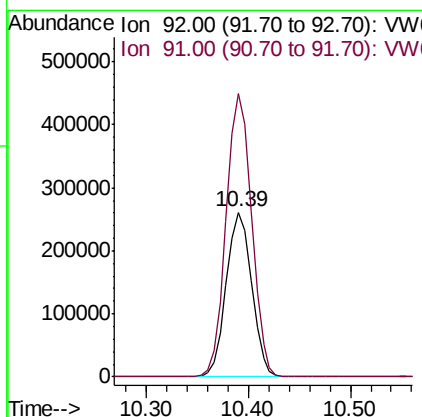
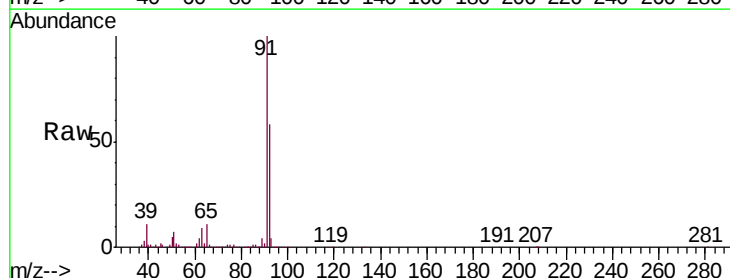
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

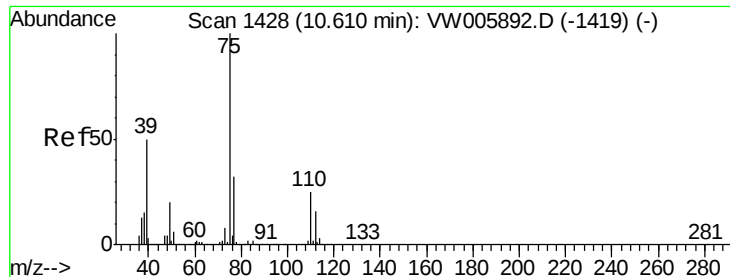
Tgt Ion: 43 Resp: 532774
Ion Ratio Lower Upper
43 100
58 37.8 30.2 45.4



#52
Toluene
Concen: 49.707 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion: 92 Resp: 450165
Ion Ratio Lower Upper
92 100
91 172.8 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 49.811 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

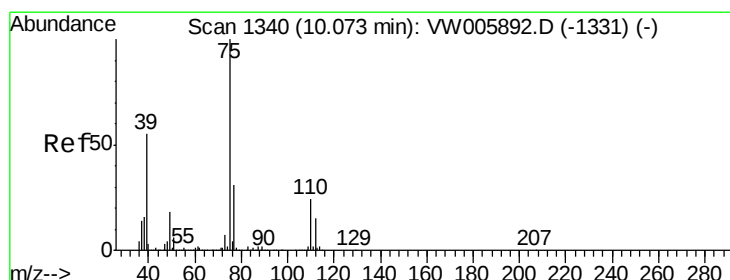
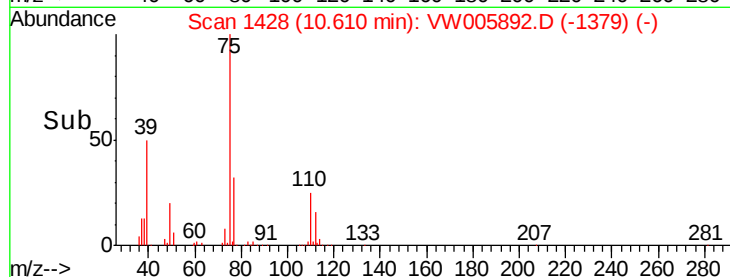
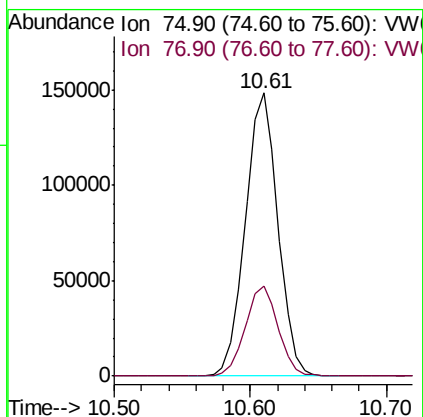
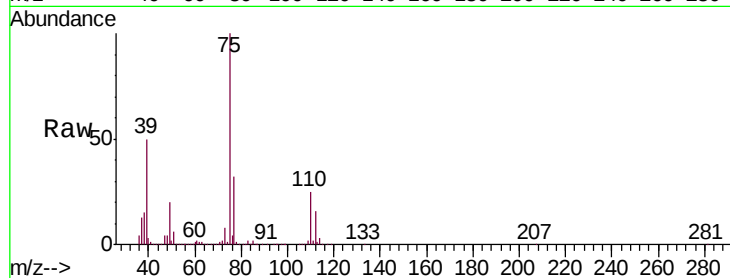
VSTDICCC050

Tgt Ion: 75 Resp: 248423

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 49.366 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

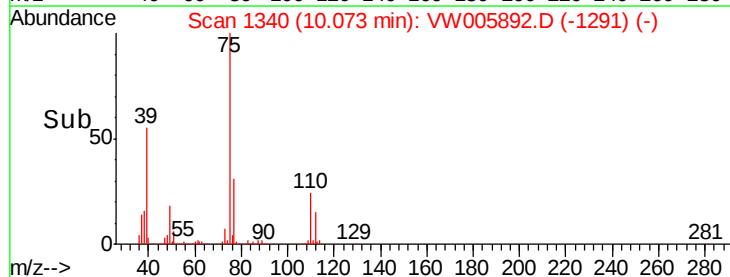
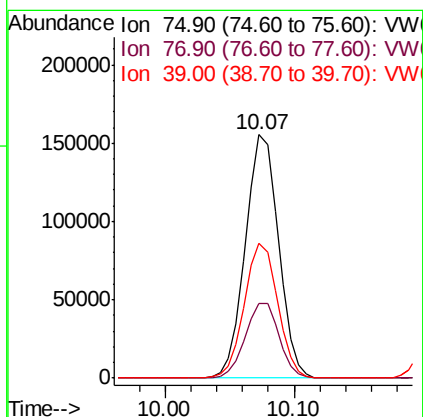
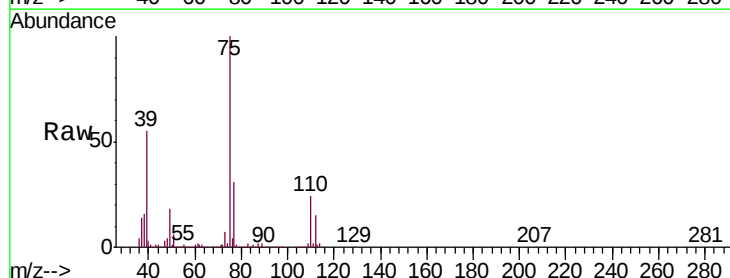
Tgt Ion: 75 Resp: 276761

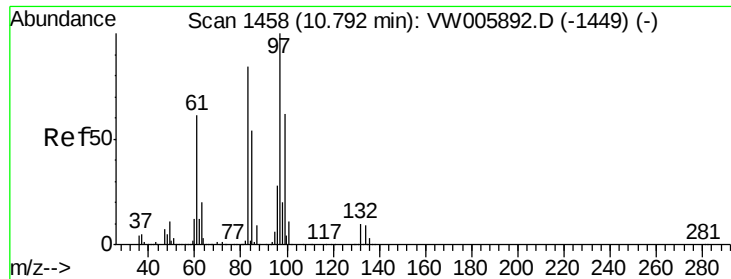
Ion Ratio Lower Upper

75 100

77 30.8 24.6 37.0

39 55.3 44.2 66.4





#55

1,1,2-Trichloroethane

Concen: 48.717 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 127970

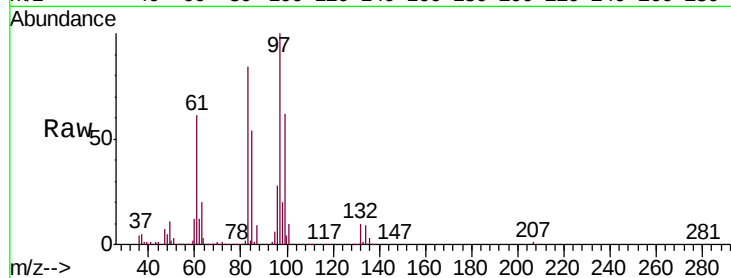
Ion Ratio Lower Upper

97 100

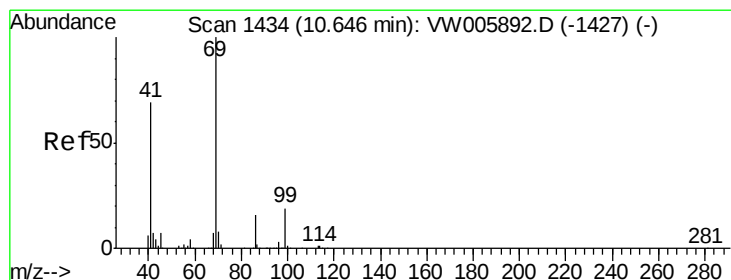
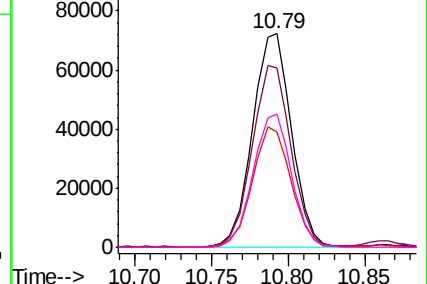
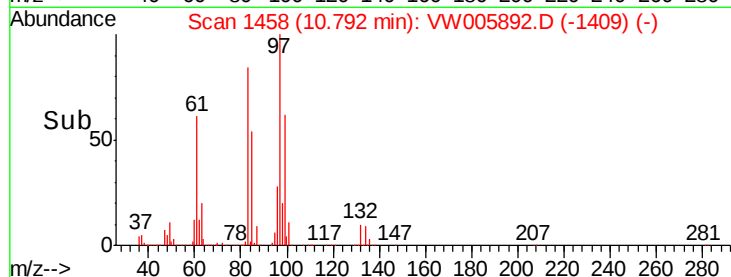
83 83.6 66.9 100.3

85 54.2 43.4 65.0

99 62.2 49.8 74.6



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



#56

Ethyl methacrylate

Concen: 48.880 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

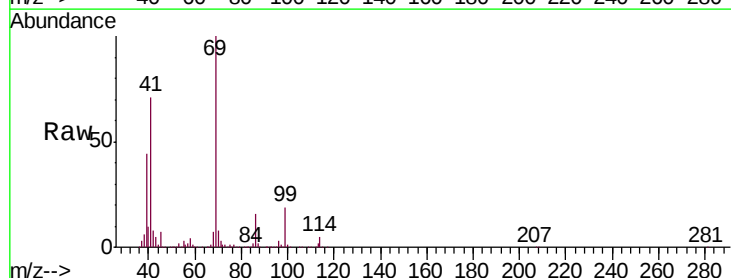
Tgt Ion: 69 Resp: 173056

Ion Ratio Lower Upper

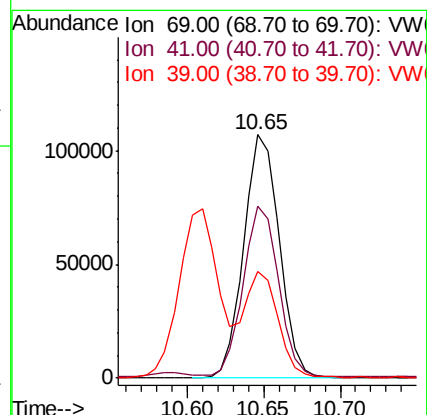
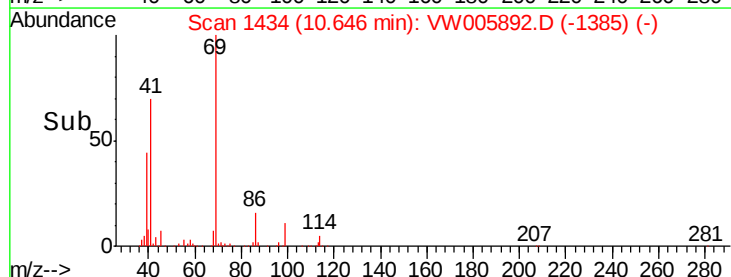
69 100

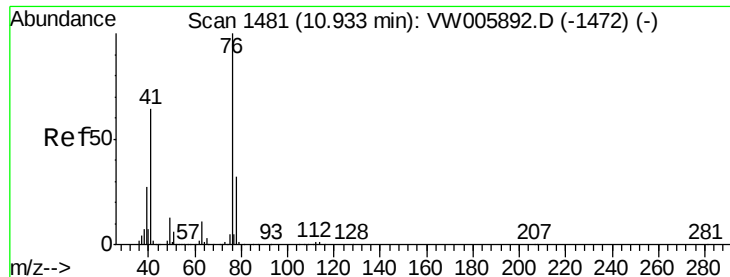
41 70.0 56.0 84.0

39 41.9 33.5 50.3



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

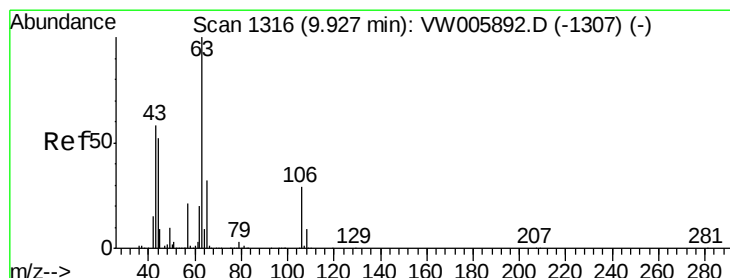
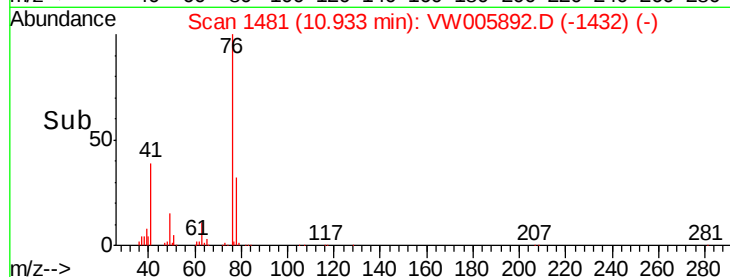
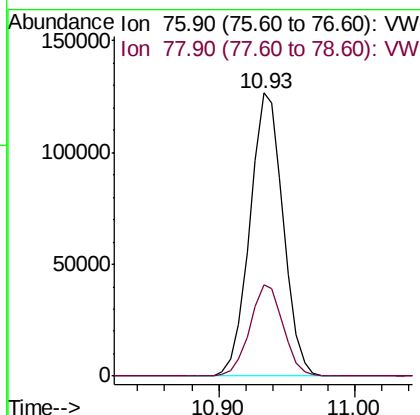
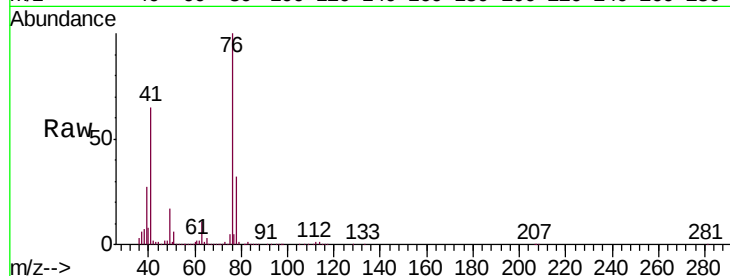




#57
 1,3-Dichloropropane
 Concen: 49.195 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

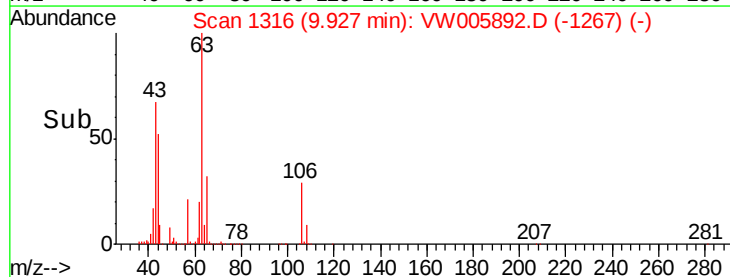
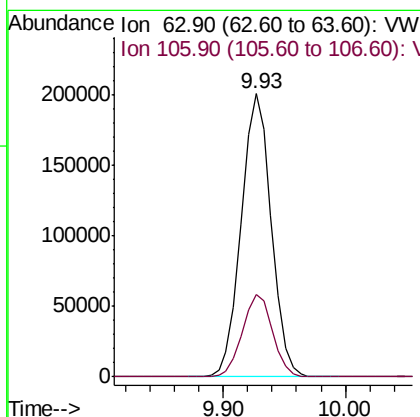
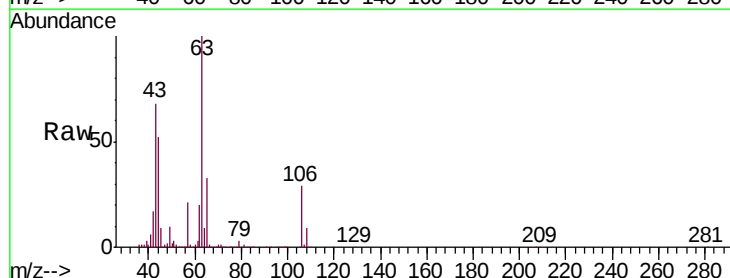
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

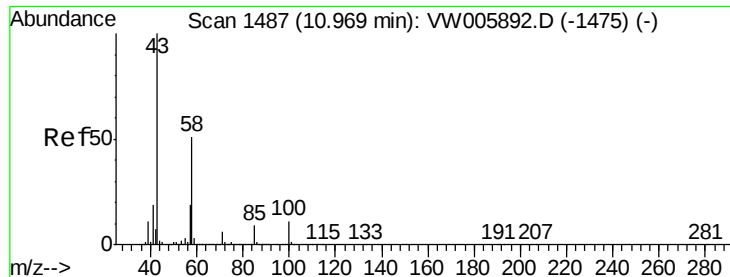
Tgt Ion: 76 Resp: 217397
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.208 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion: 63 Resp: 341715
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.6 35.4





#59

2-Hexanone

Concen: 249.842 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

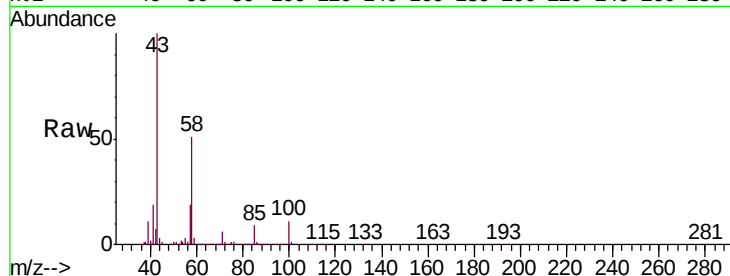
VSTDICCC050

Tgt Ion: 43 Resp: 388679

Ion Ratio Lower Upper

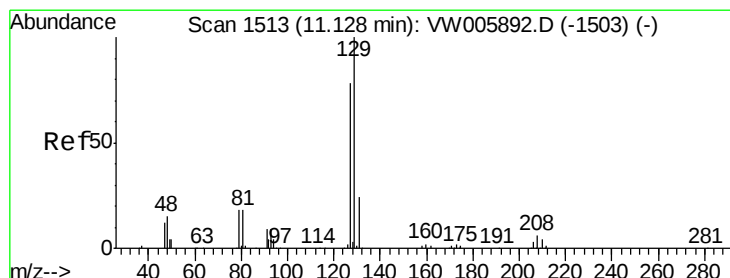
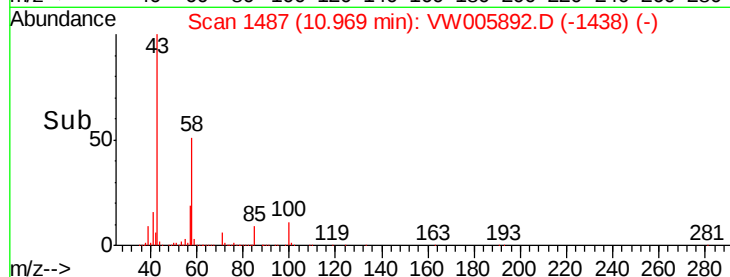
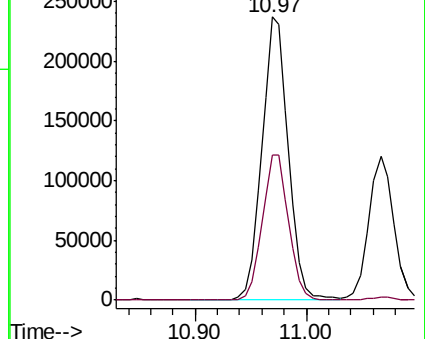
43 100

58 51.4 25.7 77.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 49.611 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW005892.D

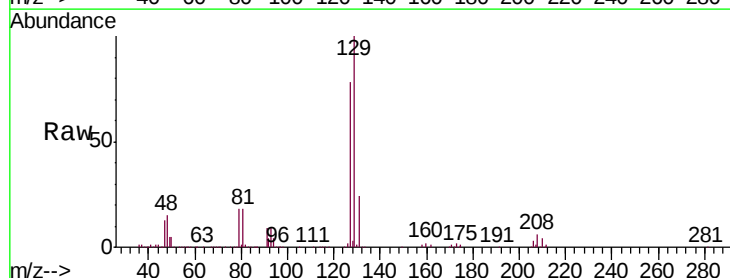
Acq: 08 Oct 2018 13:06

Tgt Ion: 129 Resp: 168169

Ion Ratio Lower Upper

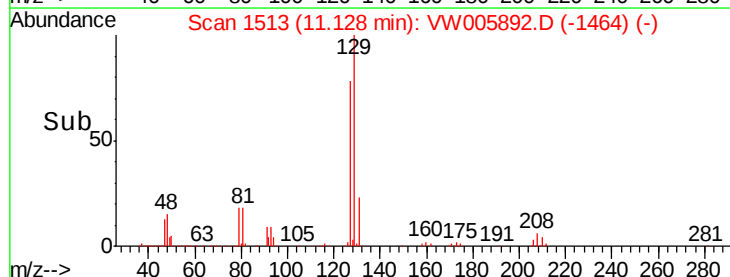
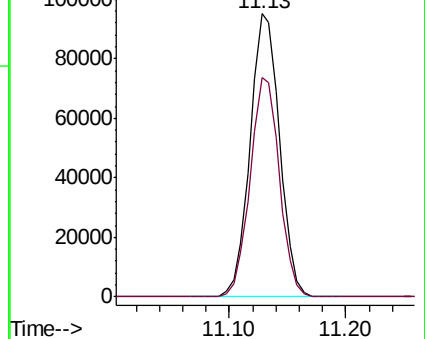
129 100

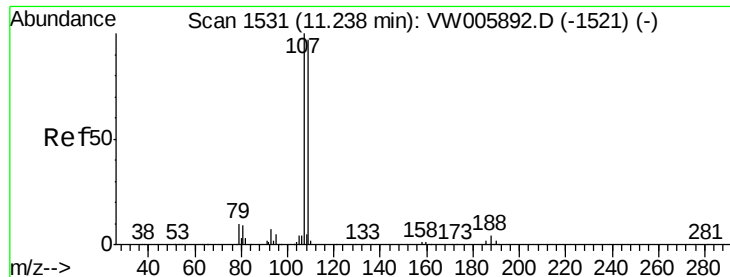
127 77.0 38.5 115.5



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

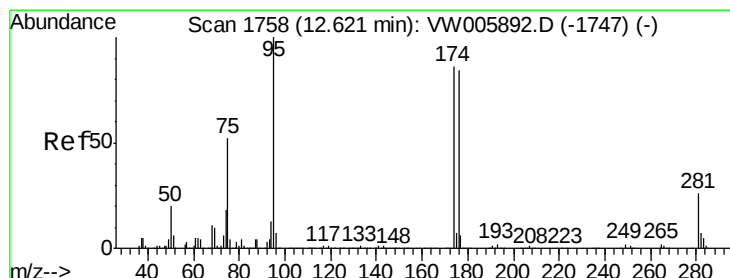
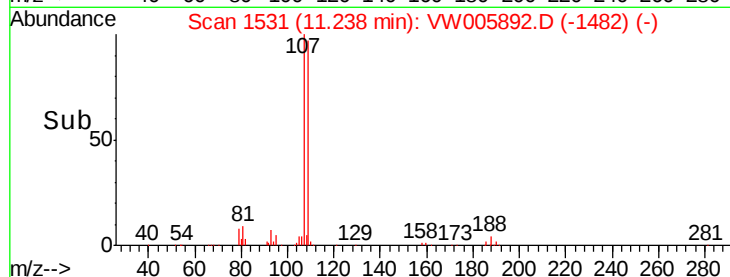
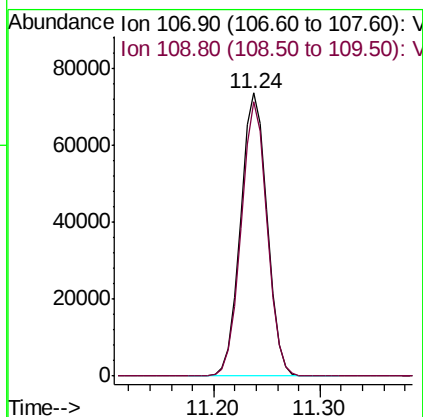
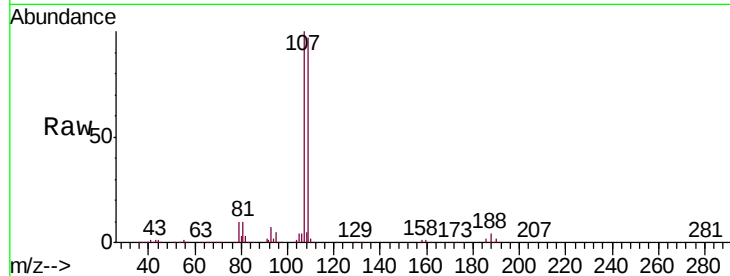




#61
 1,2-Dibromoethane
 Concen: 49.173 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

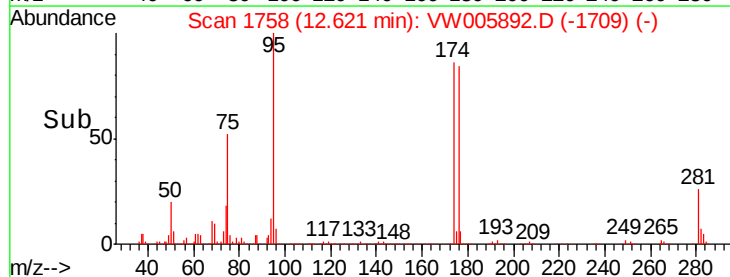
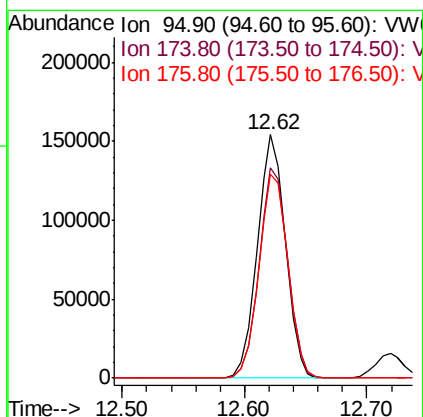
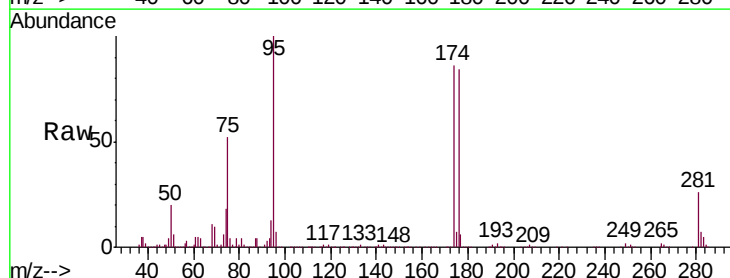
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

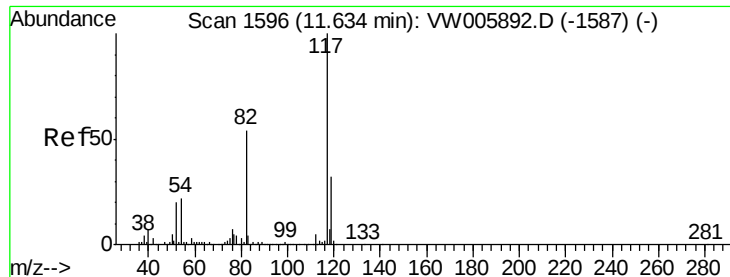
Tgt Ion: 107 Resp: 129074
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 50.096 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion: 95 Resp: 246103
 Ion Ratio Lower Upper
 95 100
 174 88.2 0.0 176.4
 176 86.5 0.0 173.0

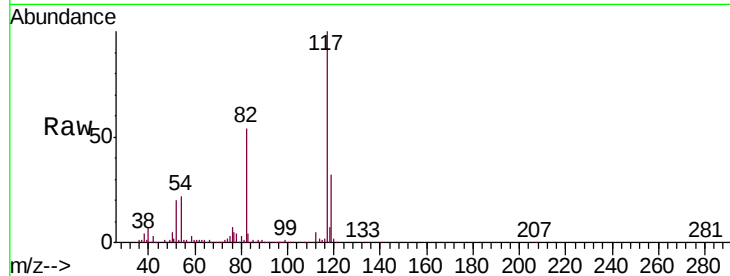




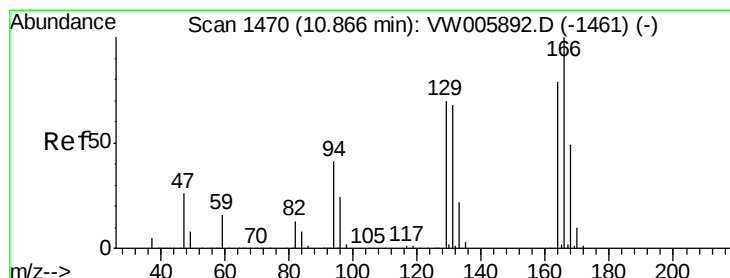
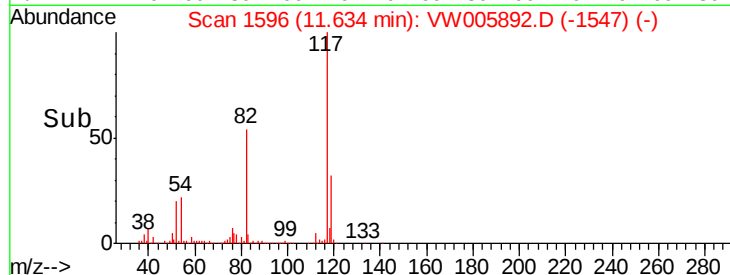
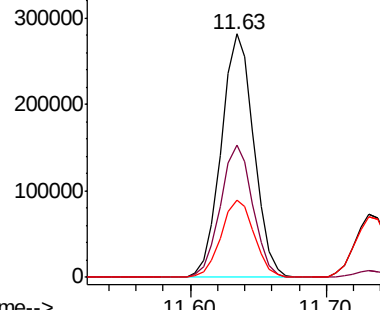
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 473535
Ion Ratio Lower Upper
117 100
82 54.4 43.5 65.3
119 31.8 25.4 38.2

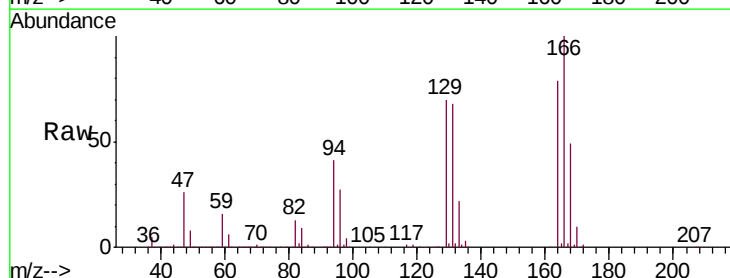


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

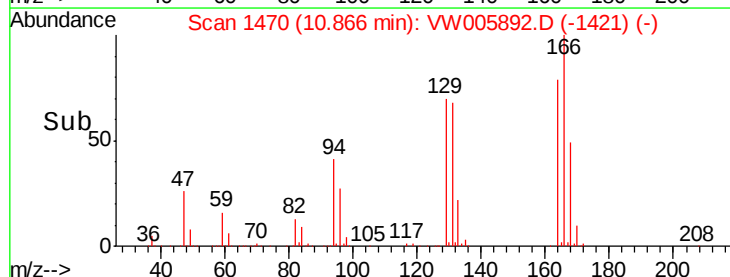
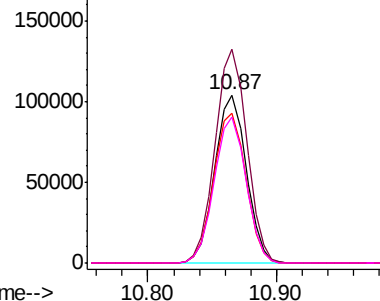


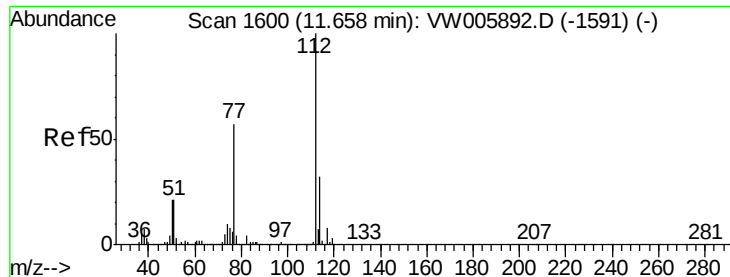
#64
Tetrachloroethene
Concen: 50.104 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion:164 Resp: 176736
Ion Ratio Lower Upper
164 100
166 126.9 101.5 152.3
129 88.9 71.1 106.7
131 86.4 69.1 103.7



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: 50.300 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

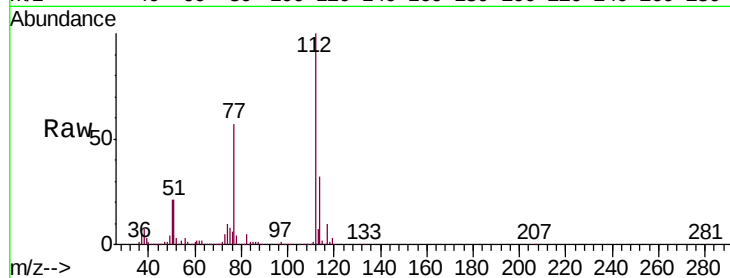
VSTDICCC050

Tgt Ion:112 Resp: 510200

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.66

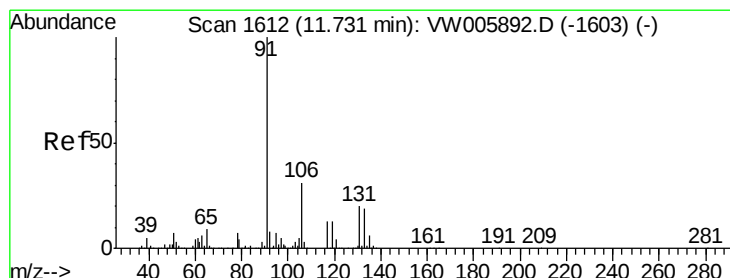
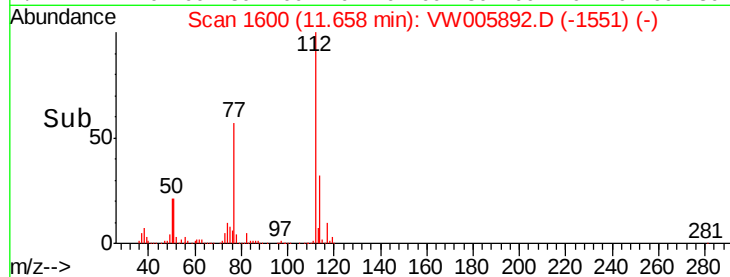
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.126 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

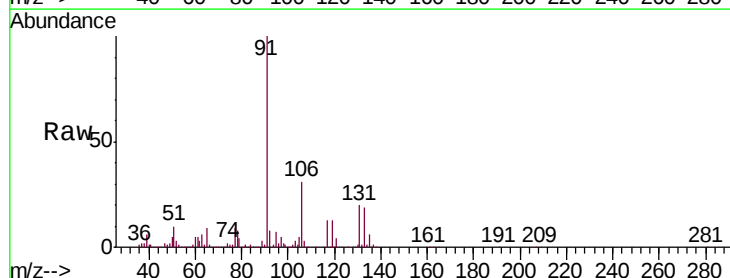
Tgt Ion:131 Resp: 186365

Ion Ratio Lower Upper

131 100

133 96.4 48.2 144.6

119 65.0 32.5 97.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.73

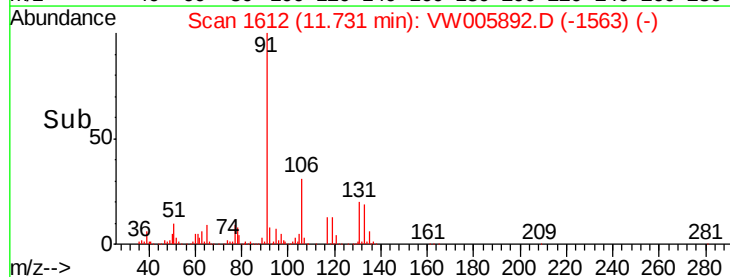
150000

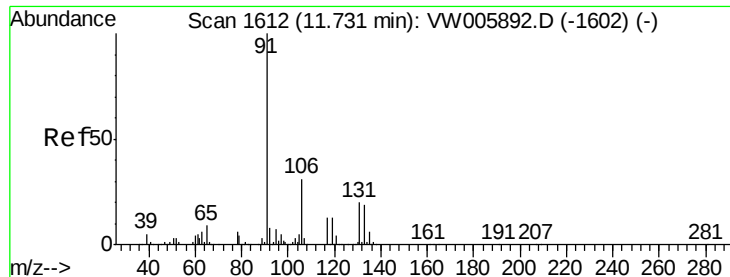
100000

50000

0

Time-->

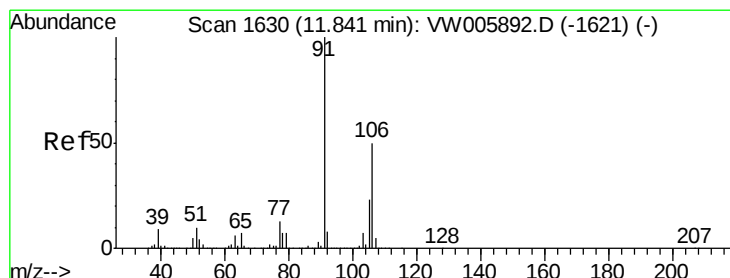
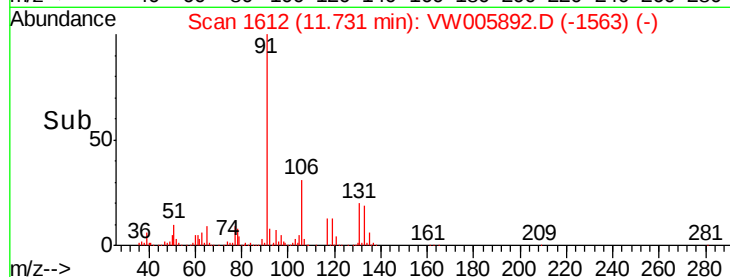
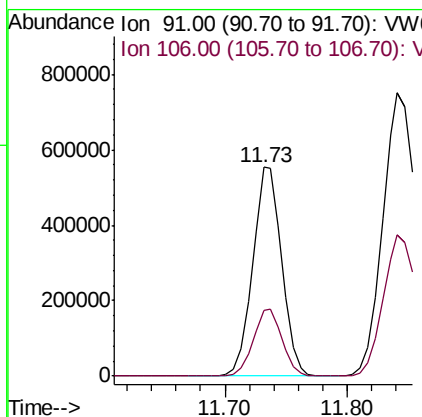
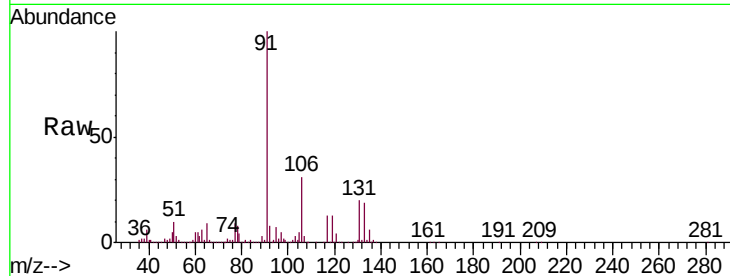




#67
Ethyl Benzene
Concen: 50.877 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

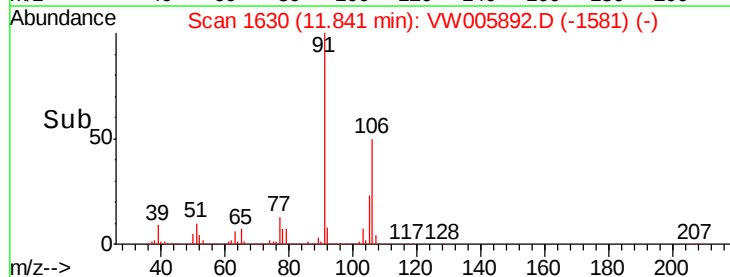
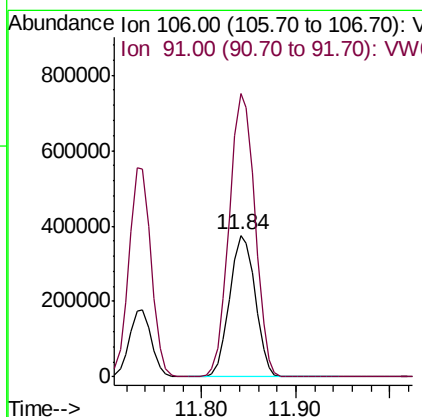
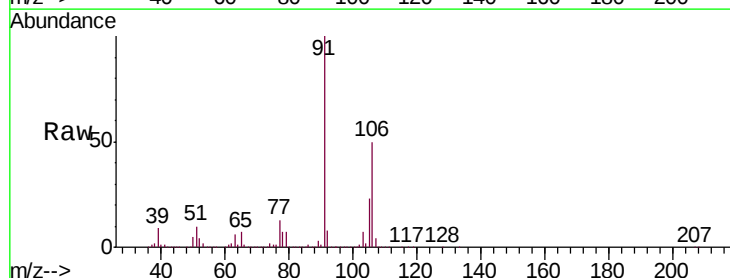
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

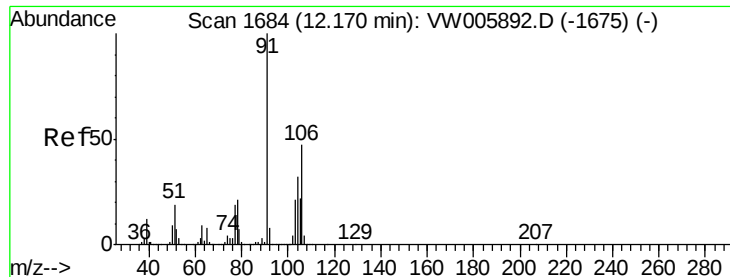
Tgt Ion: 91 Resp: 911513
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 101.552 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion: 106 Resp: 711018
Ion Ratio Lower Upper
106 100
91 200.2 160.2 240.2

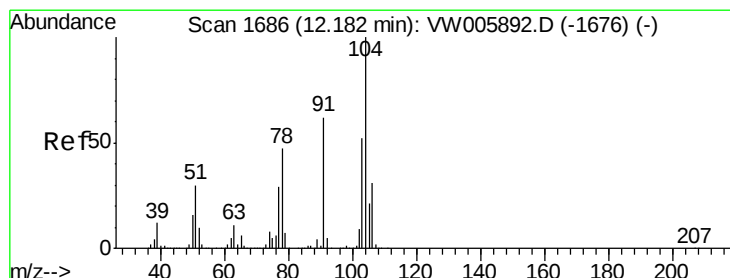
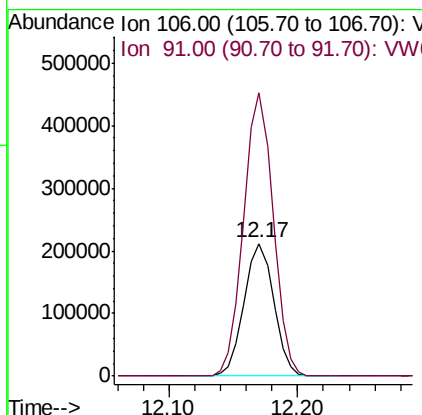
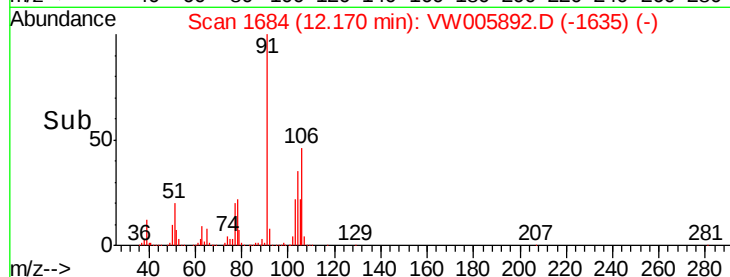
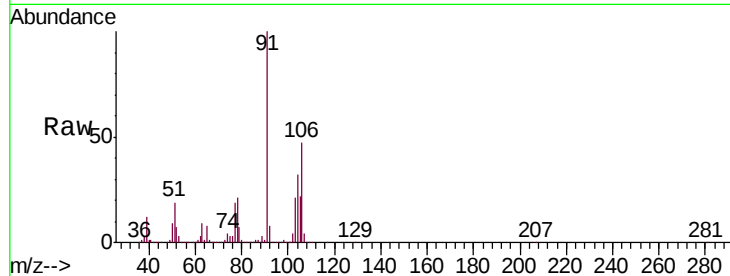




#69
o-Xylene
Concen: 50.419 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

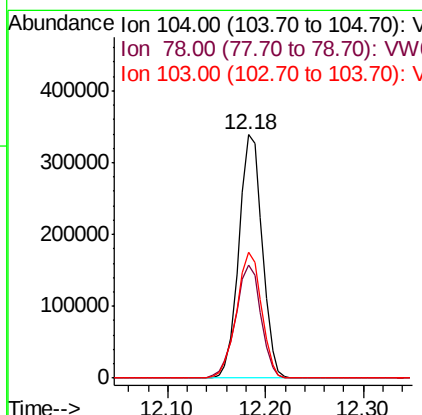
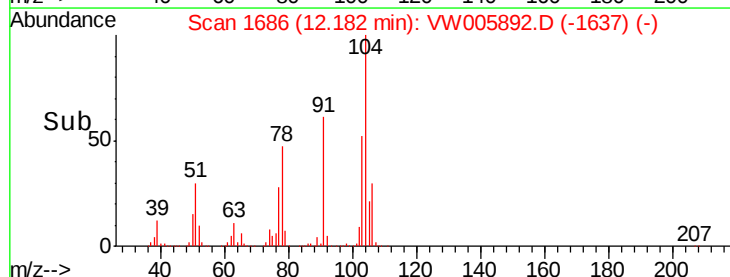
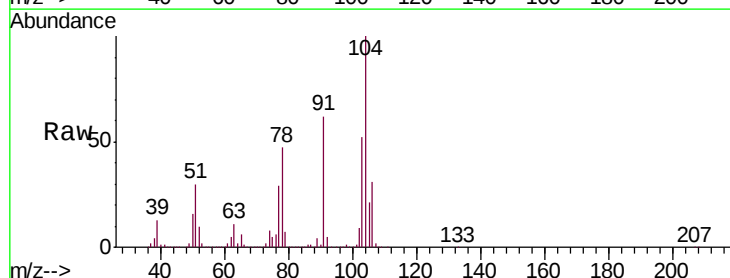
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

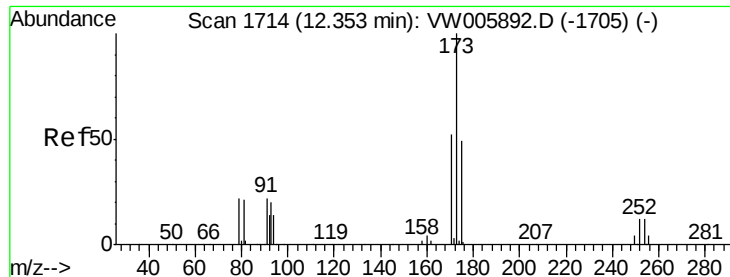
Tgt Ion:106 Resp: 337955
Ion Ratio Lower Upper
106 100
91 212.3 106.2 318.5



#70
Styrene
Concen: 50.503 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion:104 Resp: 561661
Ion Ratio Lower Upper
104 100
78 50.5 40.4 60.6
103 55.2 44.2 66.2

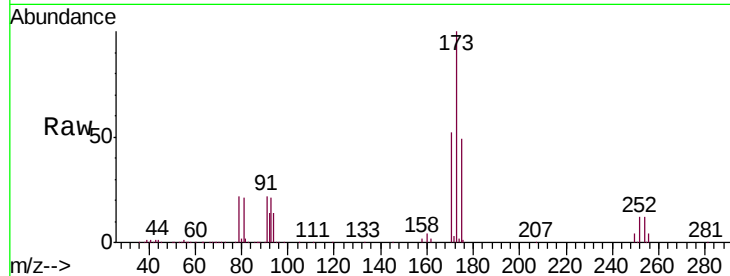




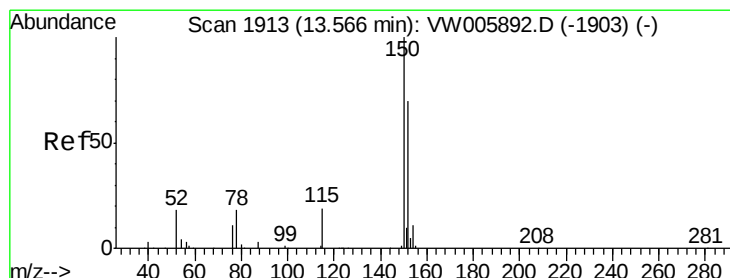
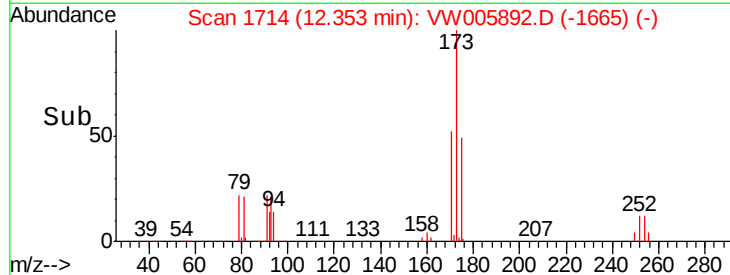
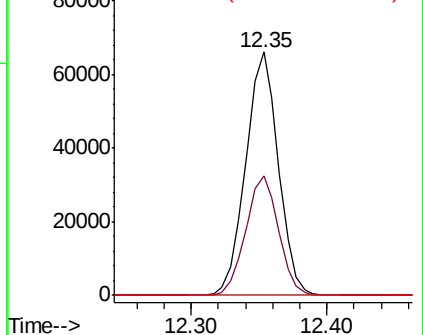
#71
Bromoform
Concen: 49.937 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 110591
Ion Ratio Lower Upper
173 100
175 49.4 24.7 74.1
254 0.2 0.2 0.2

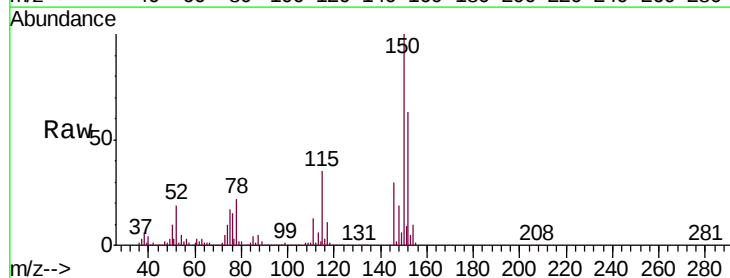


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

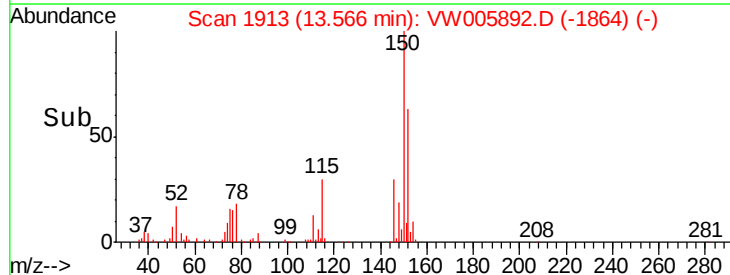
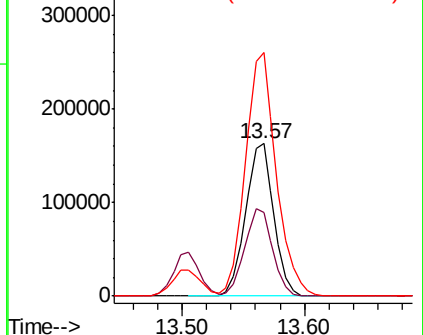


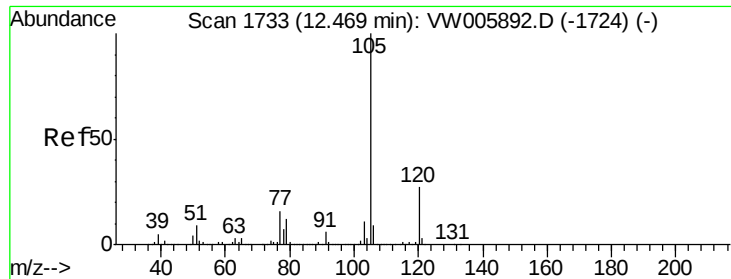
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion:152 Resp: 259822
Ion Ratio Lower Upper
152 100
115 56.7 28.3 85.0
150 174.6 0.0 349.2



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





#73

Isopropylbenzene

Concen: 49.974 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

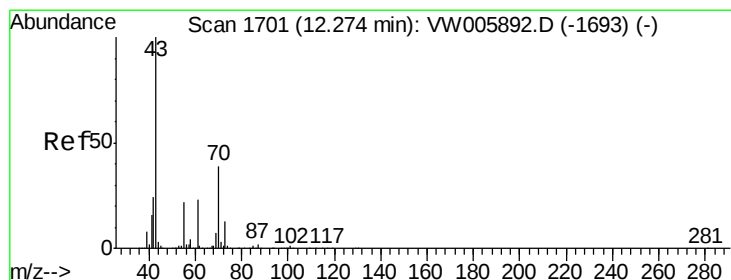
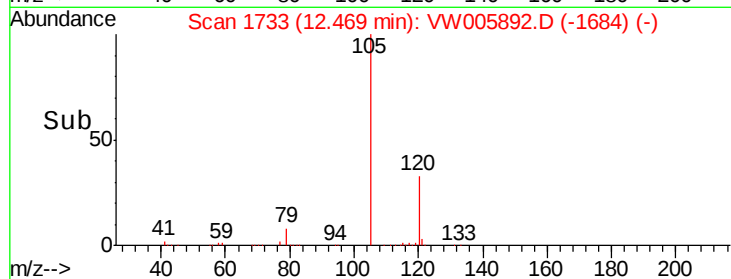
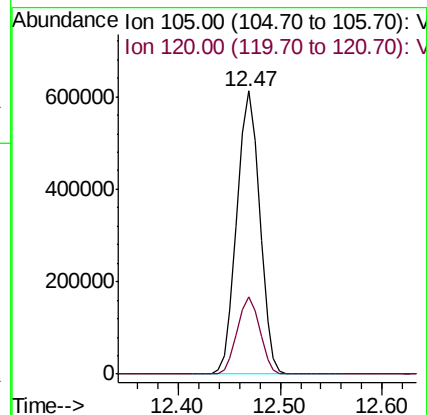
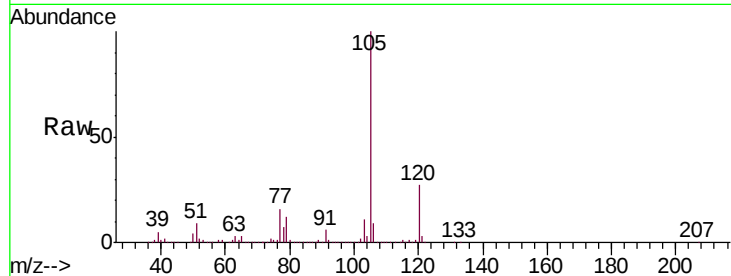
VSTDICCC050

Tgt Ion: 105 Resp: 948276

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8



#74

N-ethyl acetate

Concen: 48.899 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Tgt Ion: 43 Resp: 220364

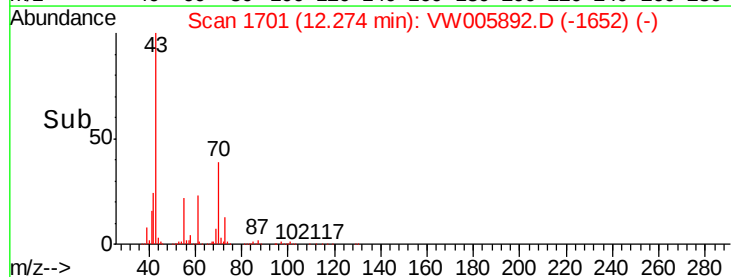
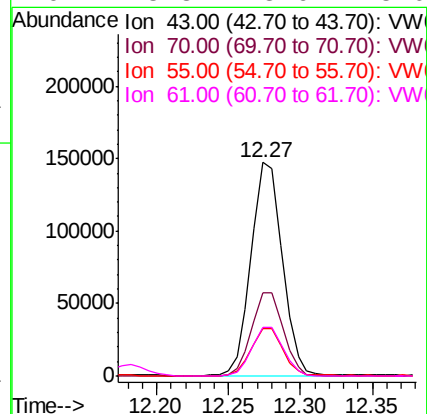
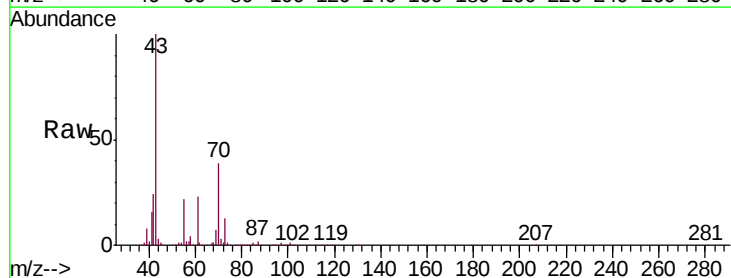
Ion Ratio Lower Upper

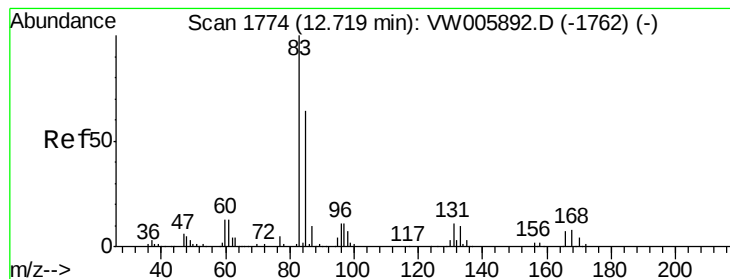
43 100

70 39.5 31.6 47.4

55 22.4 17.9 26.9

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.104 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

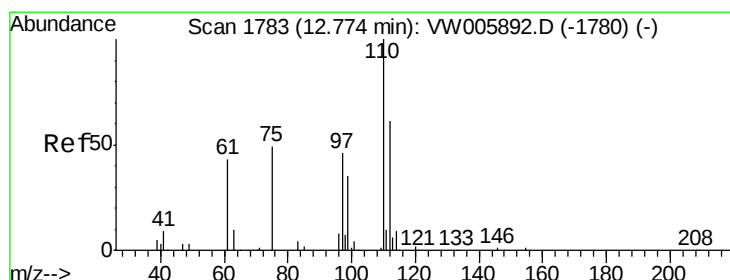
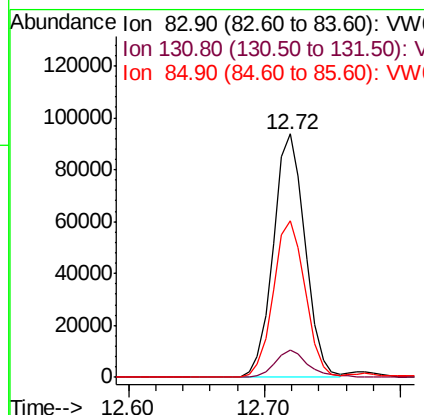
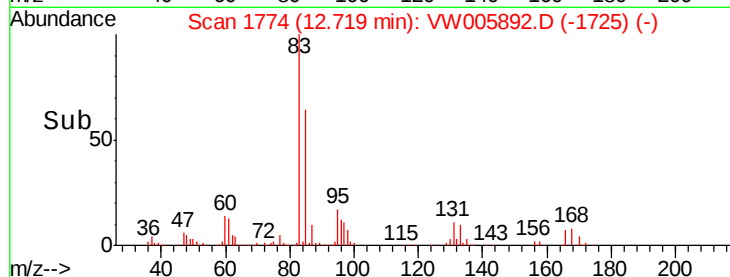
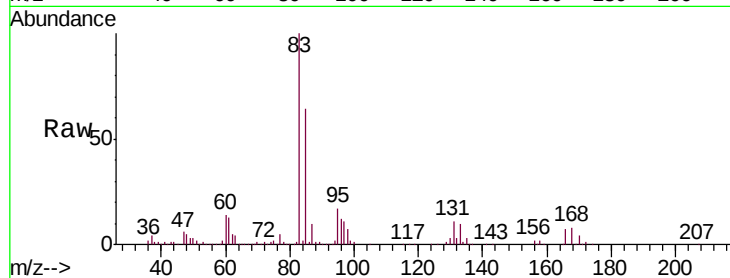
Tgt Ion: 83 Resp: 152722

Ion Ratio Lower Upper

83 100

131 11.5 5.8 17.3

85 64.7 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 53.066 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW005892.D

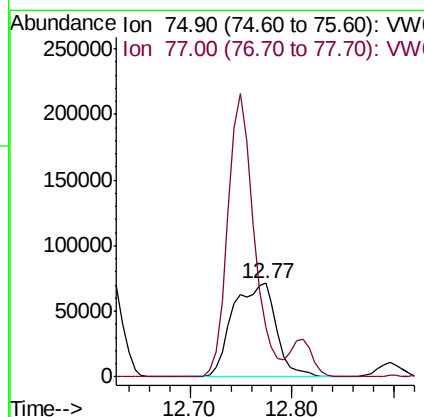
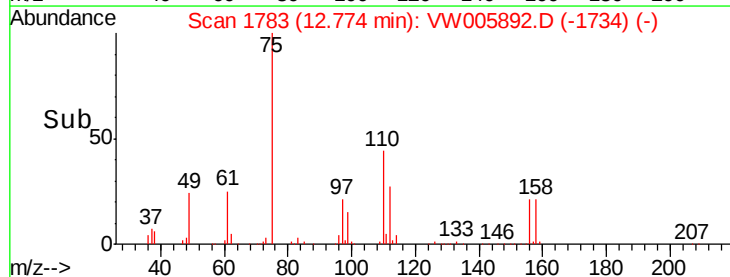
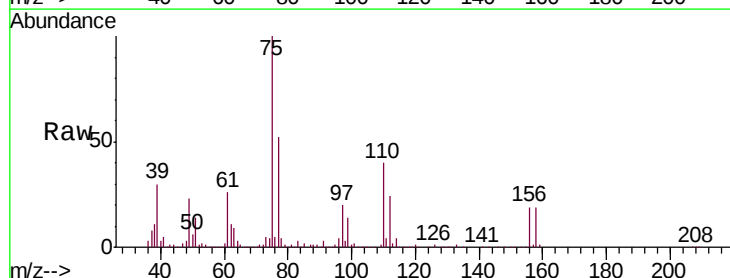
Acq: 08 Oct 2018 13:06

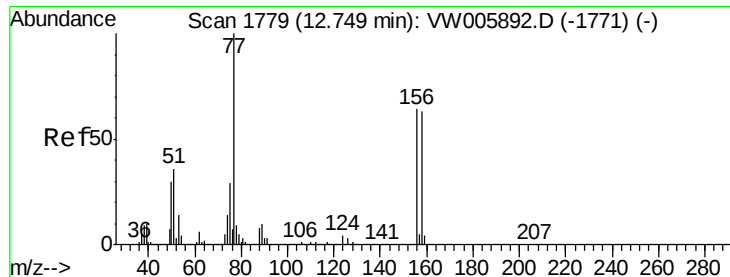
Tgt Ion: 75 Resp: 211034

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

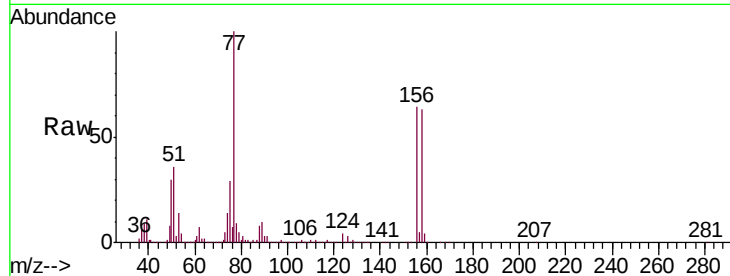




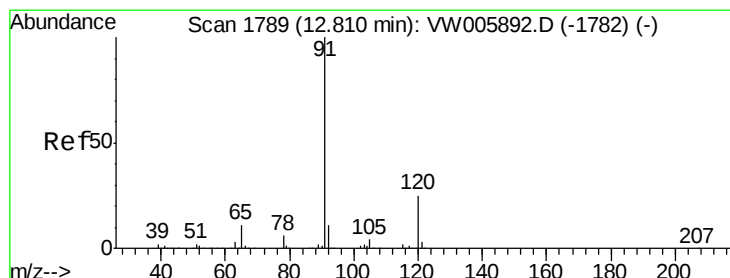
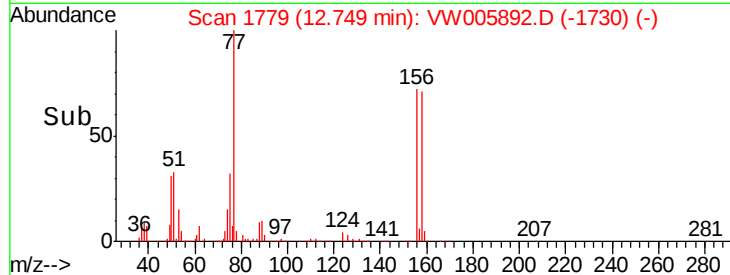
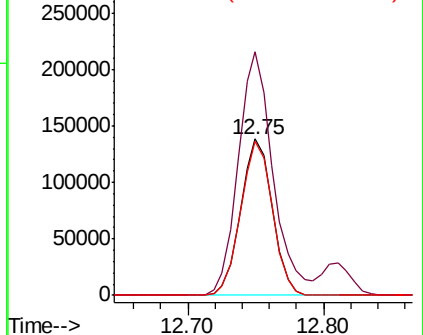
#77
Bromobenzene
Concen: 50.135 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:156 Resp: 225386
Ion Ratio Lower Upper
156 100
77 171.6 85.8 257.4
158 98.3 49.1 147.4

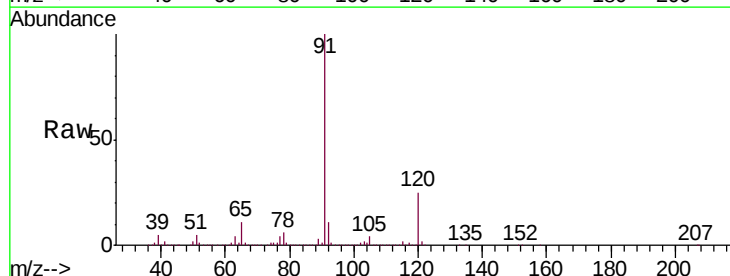


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

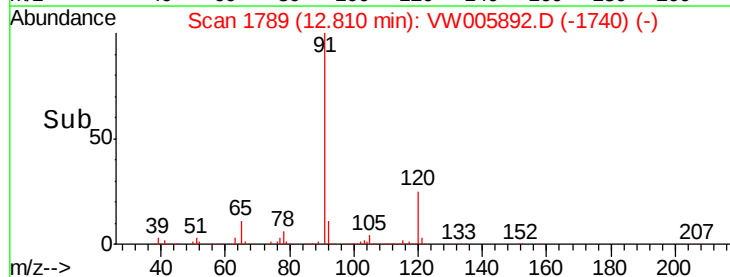
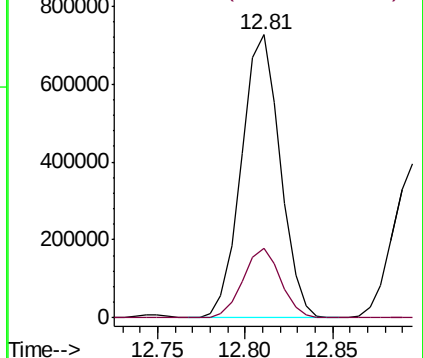


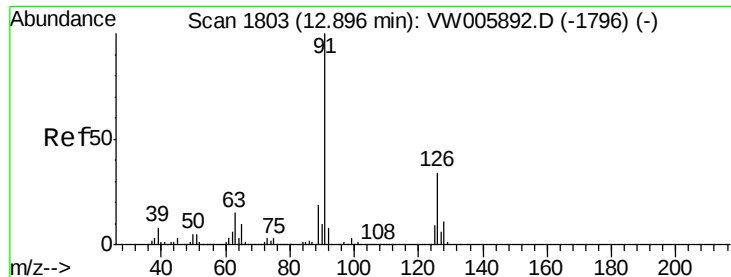
#78
n-propylbenzene
Concen: 50.094 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion: 91 Resp: 1118174
Ion Ratio Lower Upper
91 100
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.830 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

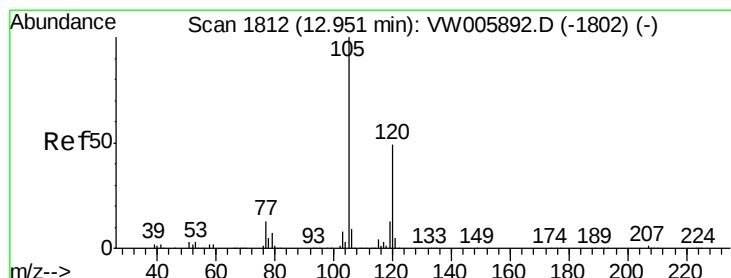
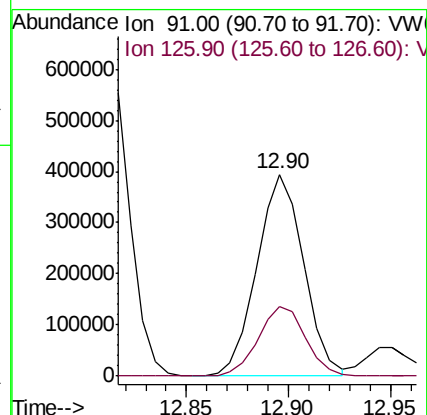
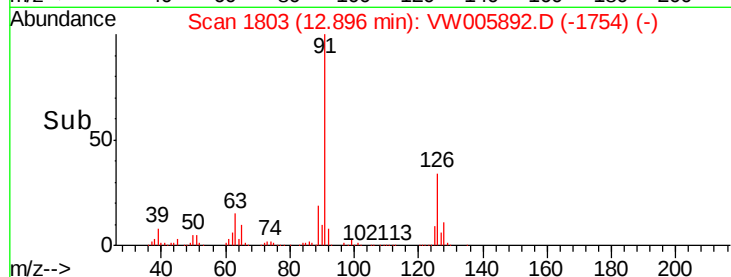
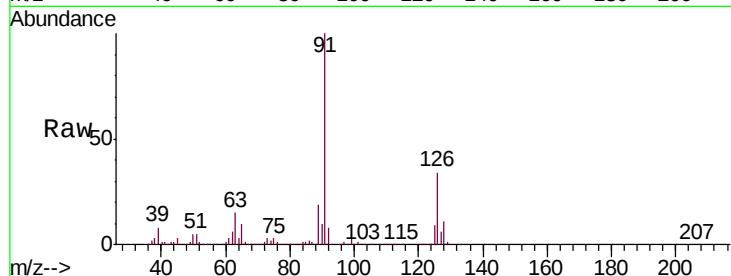
VSTDICCC050

Tgt Ion: 91 Resp: 627877

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 50.143 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005892.D

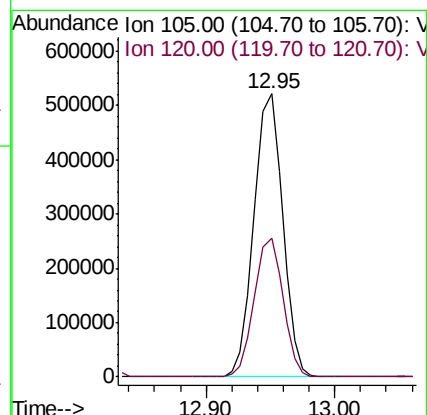
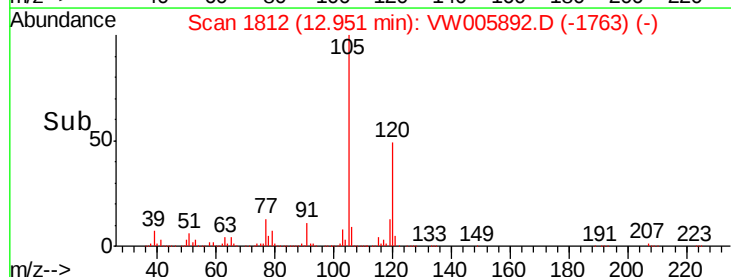
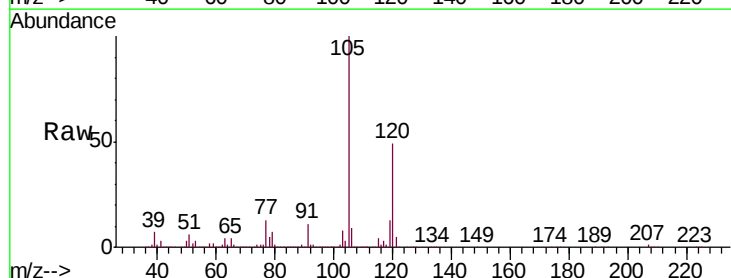
Acq: 08 Oct 2018 13:06

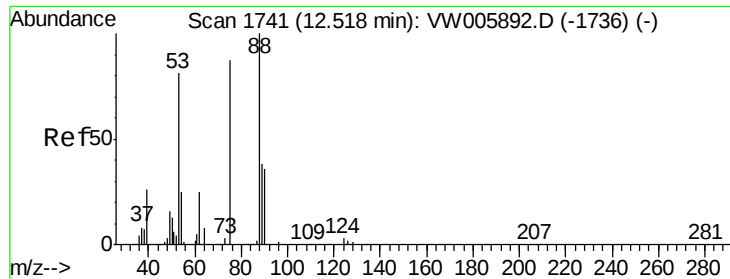
Tgt Ion: 105 Resp: 803288

Ion Ratio Lower Upper

105 100

120 49.2 24.6 73.8

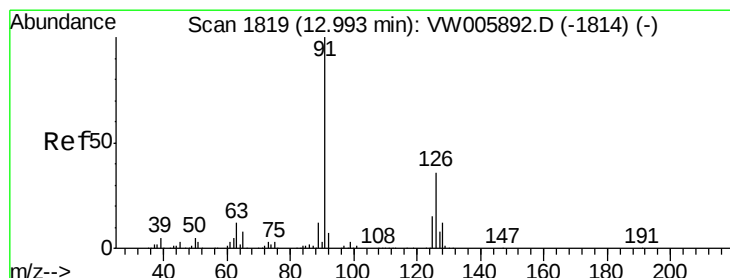
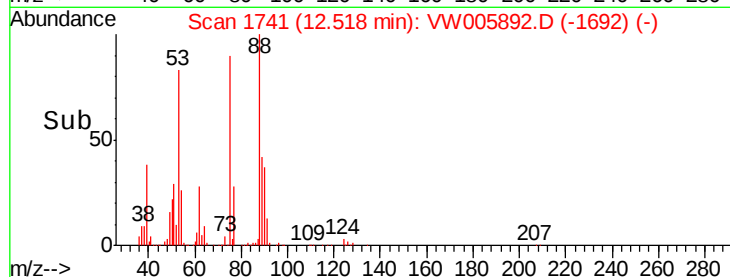
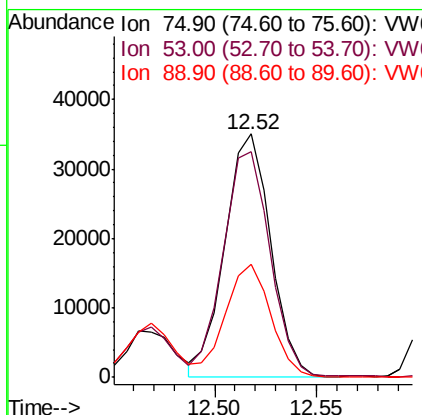
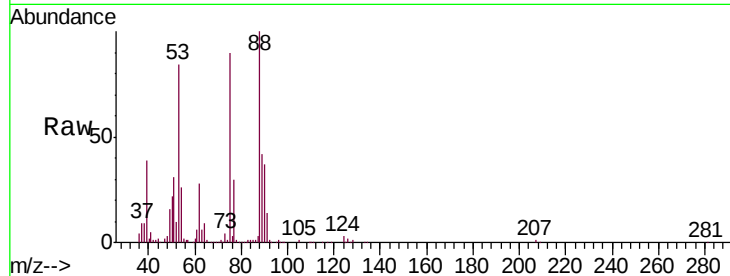




#81
trans-1,4-Dichloro-2-butene
Concen: 49.117 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

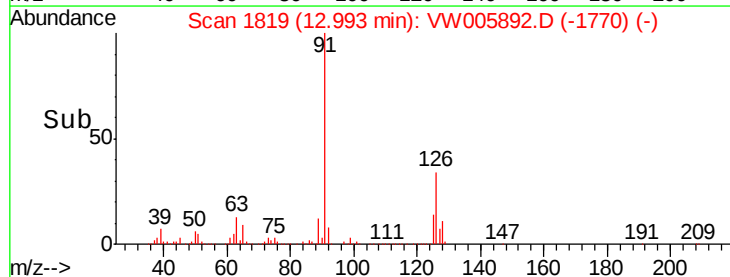
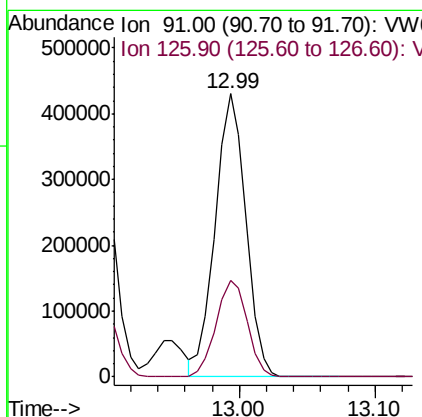
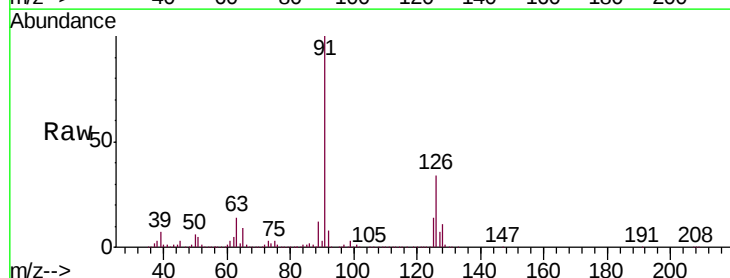
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

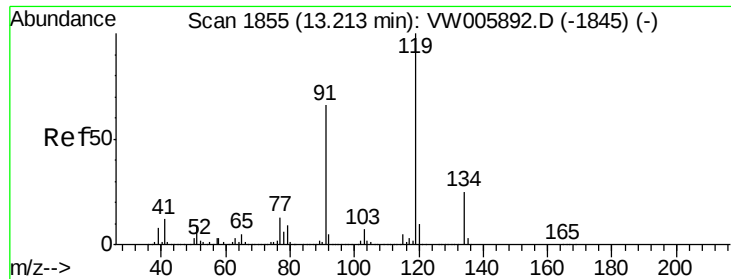
Tgt Ion: 75 Resp: 53998
Ion Ratio Lower Upper
75 100
53 95.6 76.5 114.7
89 47.0 37.6 56.4



#82
4-Chlorotoluene
Concen: 50.488 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion: 91 Resp: 669336
Ion Ratio Lower Upper
91 100
126 34.8 17.4 52.2

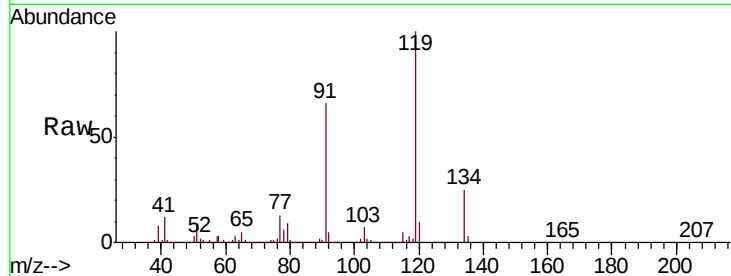




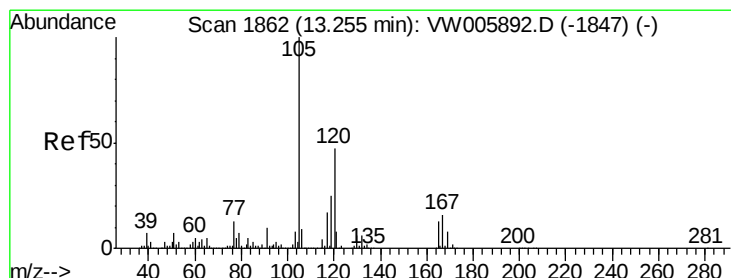
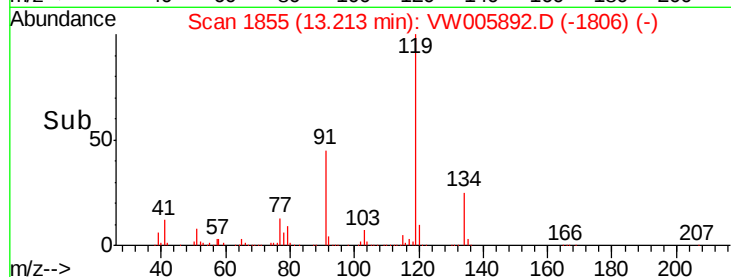
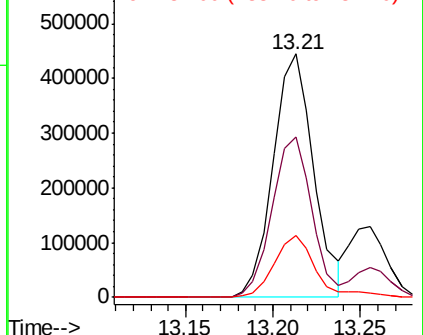
#83
 tert-Butylbenzene
 Concen: 50.414 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:119 Resp: 718322
 Ion Ratio Lower Upper
 119 100
 91 64.7 32.4 97.0
 134 26.4 13.2 39.6

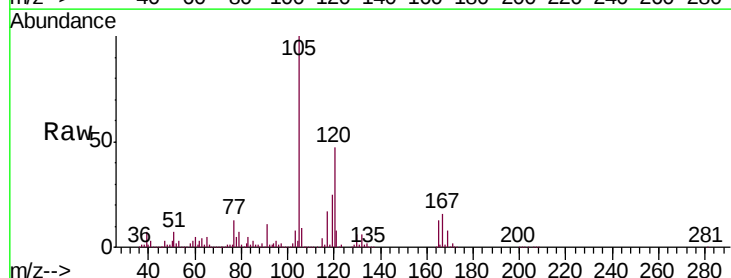


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VW
 Ion 134.00 (133.70 to 134.70): V

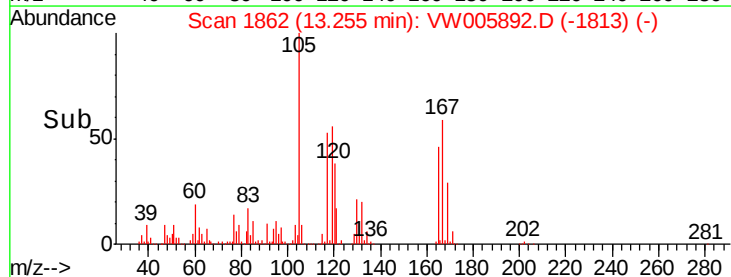
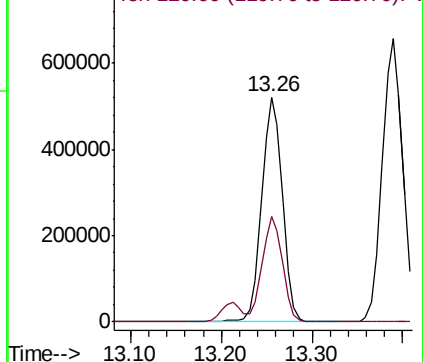


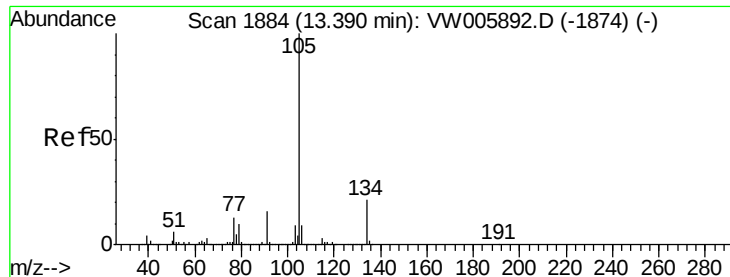
#84
 1,2,4-Trimethylbenzene
 Concen: 50.462 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion:105 Resp: 815448
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.3



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

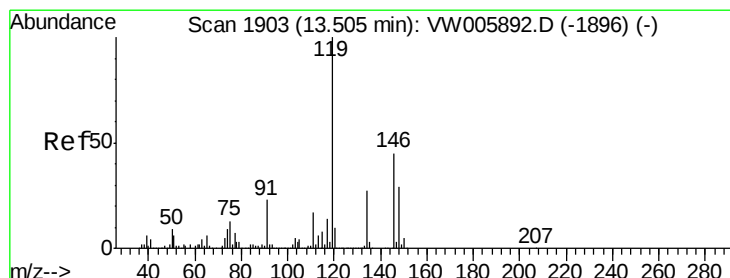
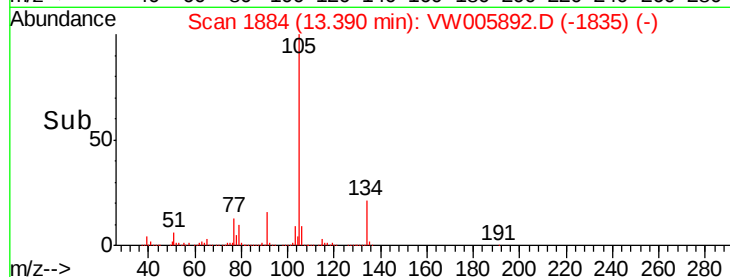
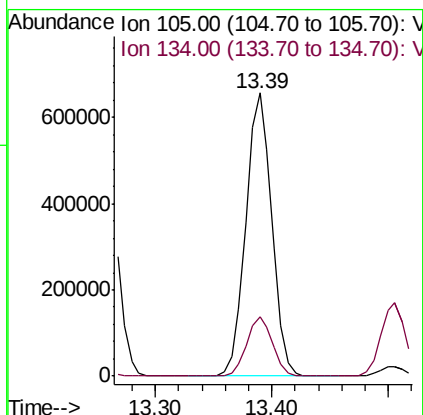
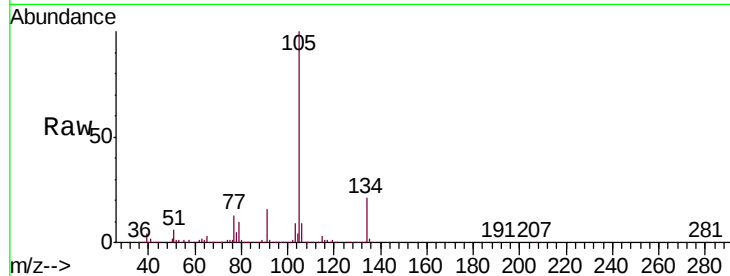




#85
 sec-Butylbenzene
 Concen: 50.802 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

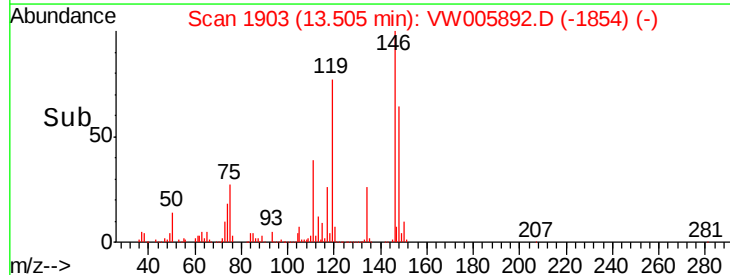
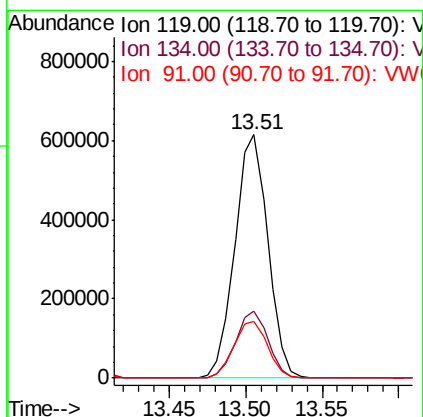
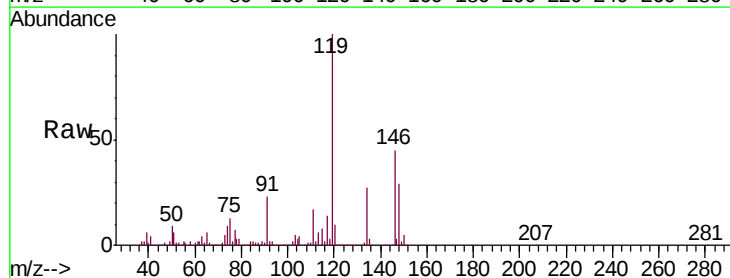
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

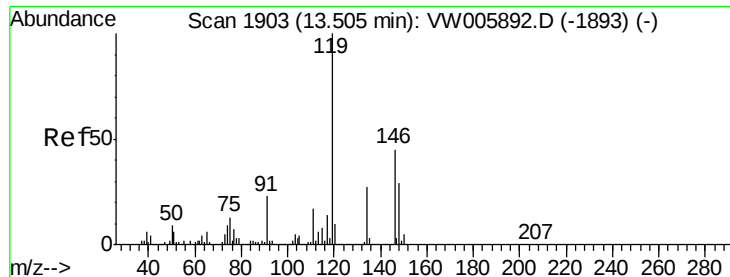
Tgt Ion:105 Resp: 1016051
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 51.051 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion:119 Resp: 918214
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 23.7 11.9 35.5

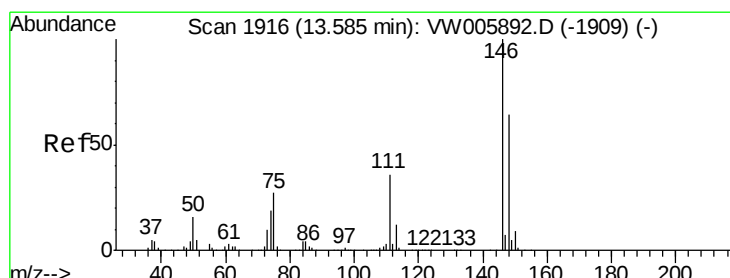
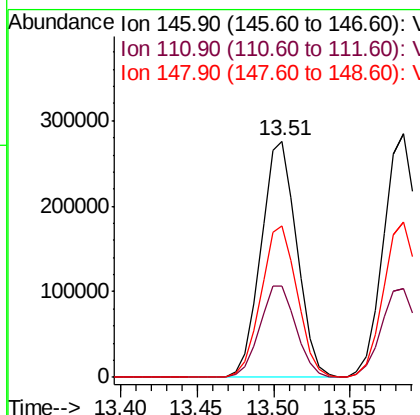
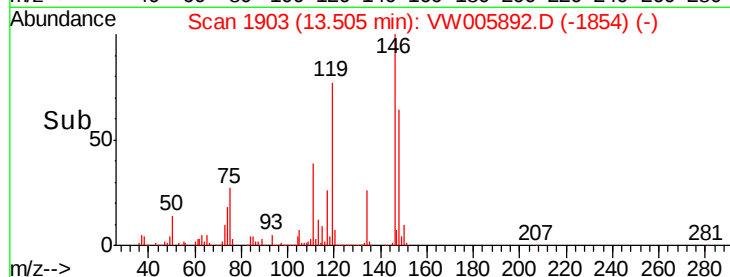
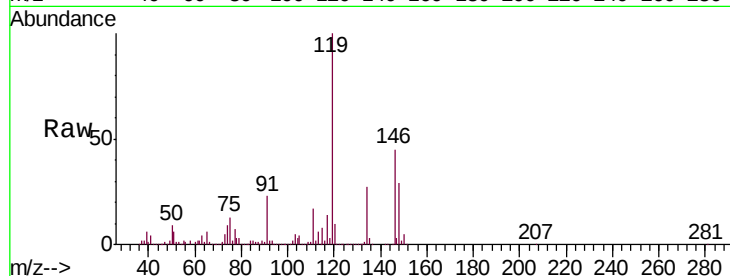




#87
 1,3-Dichlorobenzene
 Concen: 50.444 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

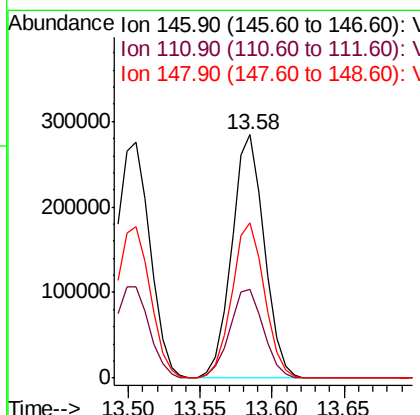
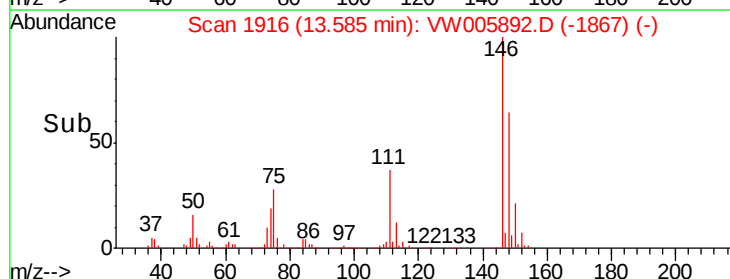
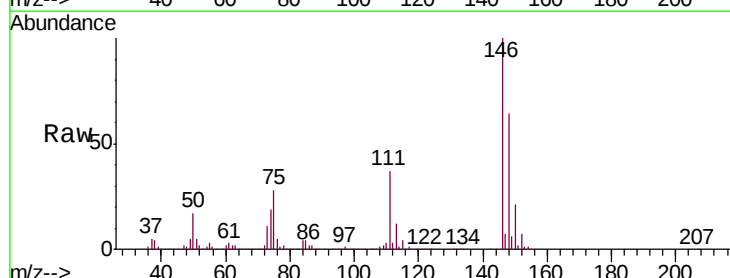
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

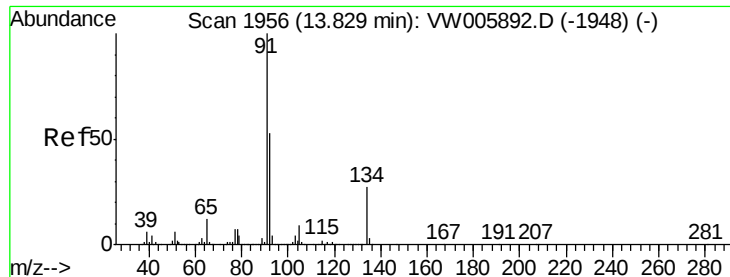
Tgt Ion:146 Resp: 450535
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.5 58.5
 148 64.3 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 50.425 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion:146 Resp: 447534
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 50.952 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW005892.D

Acq: 08 Oct 2018 13:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

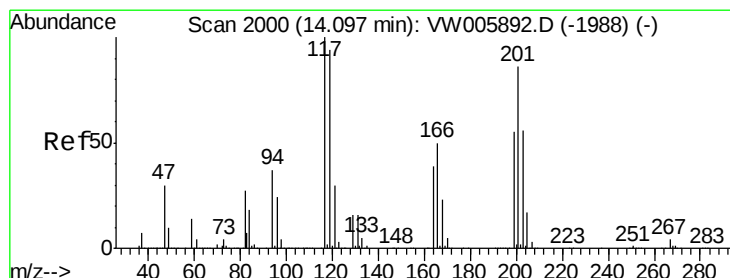
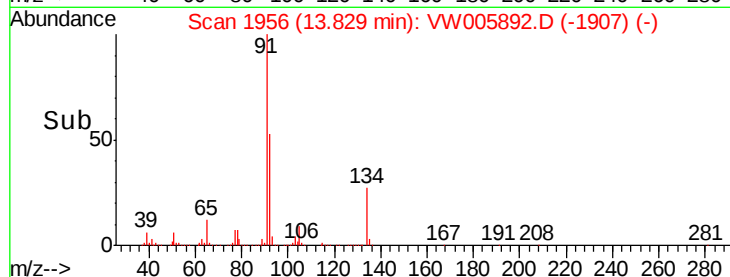
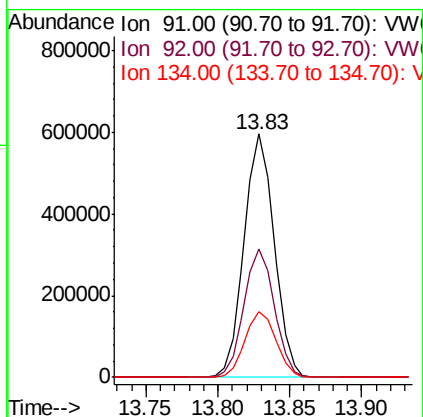
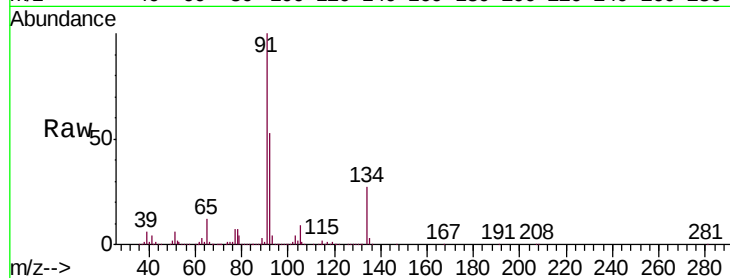
Tgt Ion: 91 Resp: 863844

Ion Ratio Lower Upper

91 100

92 53.2 26.6 79.8

134 27.6 13.8 41.4



#90

Hexachloroethane

Concen: 50.777 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW005892.D

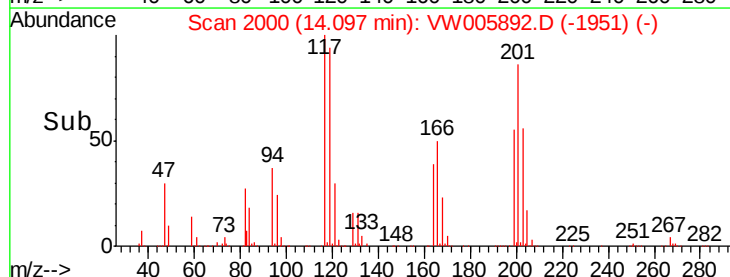
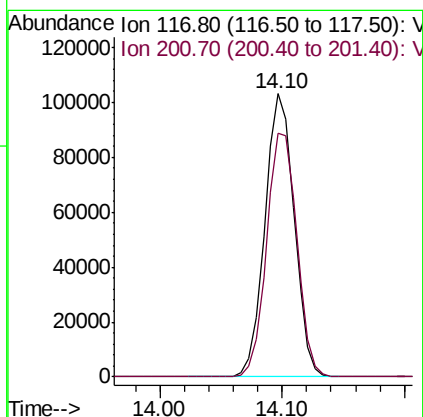
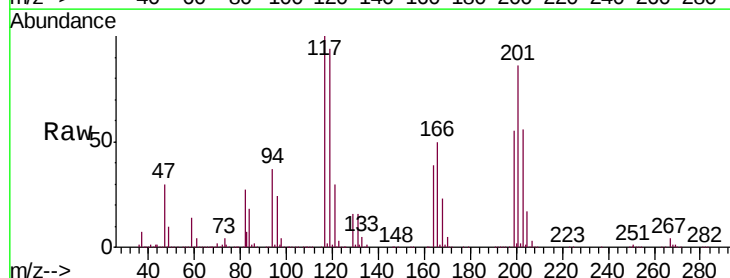
Acq: 08 Oct 2018 13:06

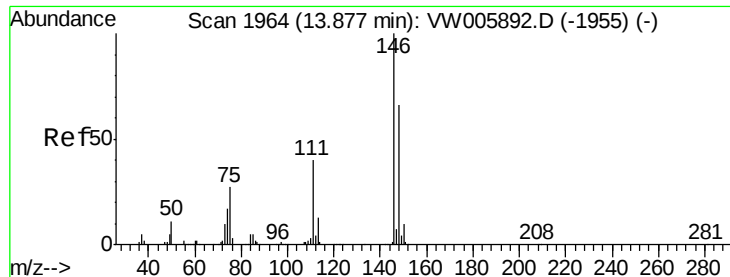
Tgt Ion: 117 Resp: 171766

Ion Ratio Lower Upper

117 100

201 89.0 44.5 133.5

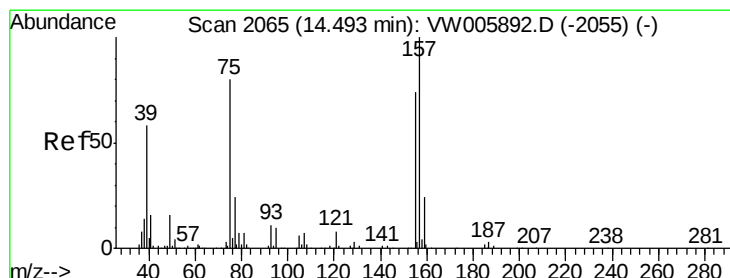
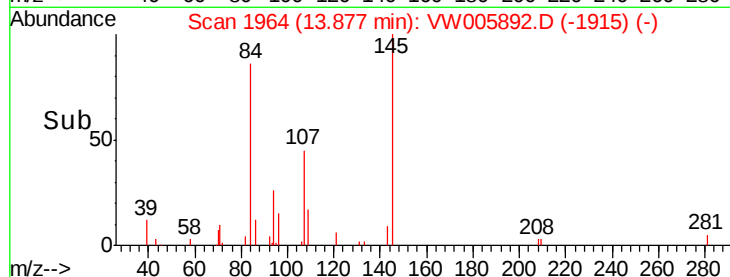
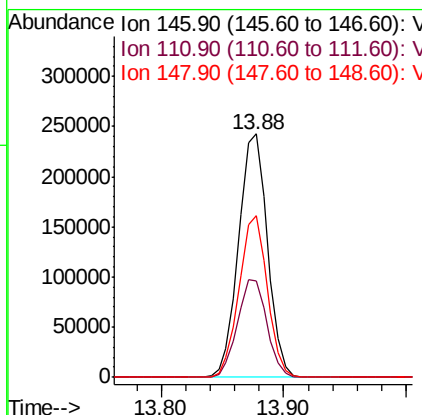
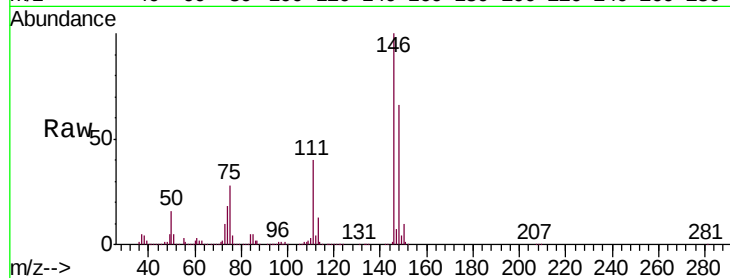




#91
 1,2-Dichlorobenzene
 Concen: 50.090 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

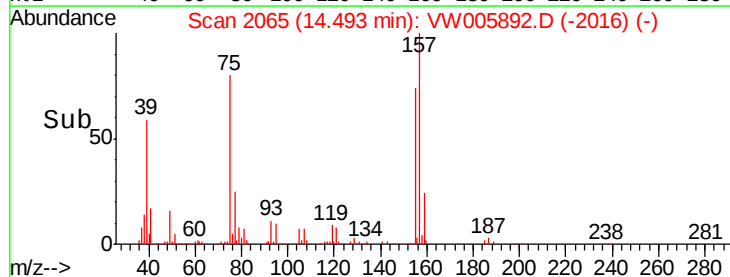
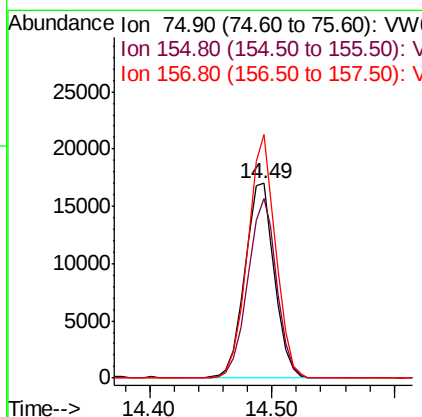
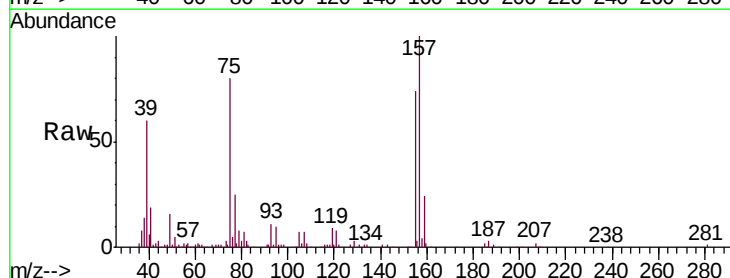
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

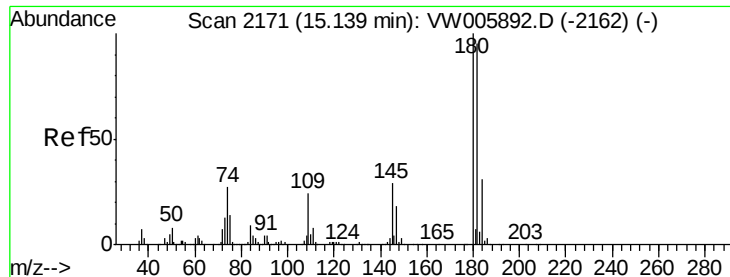
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	64.9	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.397 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.5	44.8	134.3
157	117.7	58.9	176.6

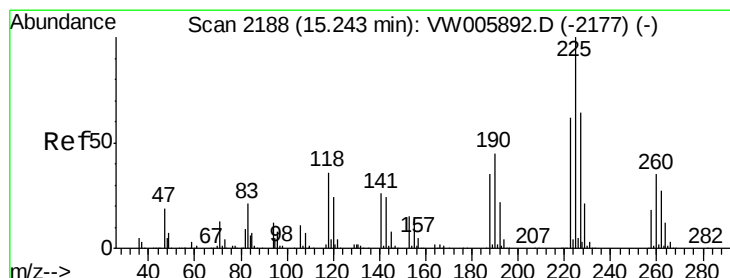
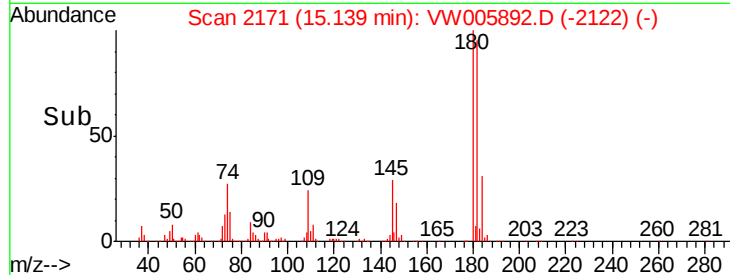
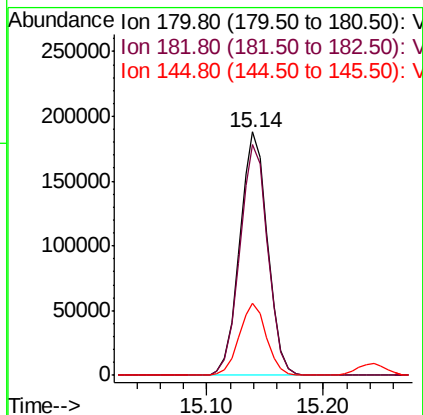
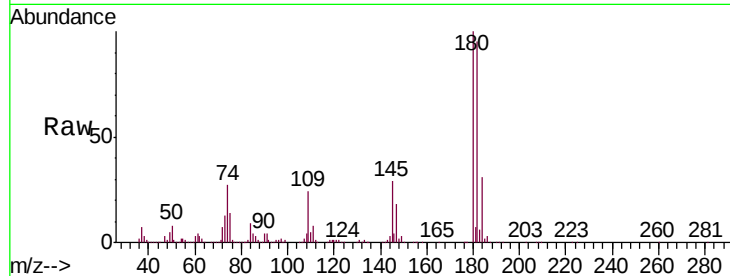




#93
 1,2,4-Trichlorobenzene
 Concen: 50.627 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

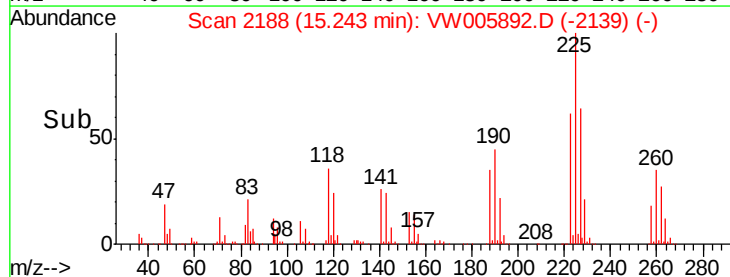
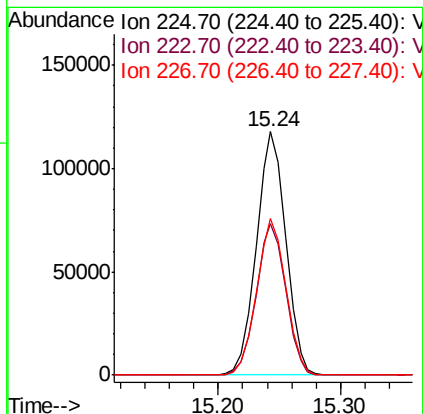
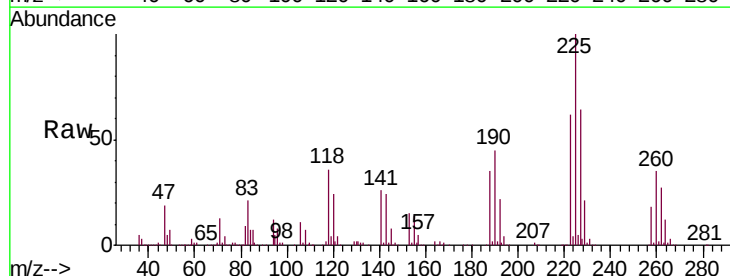
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

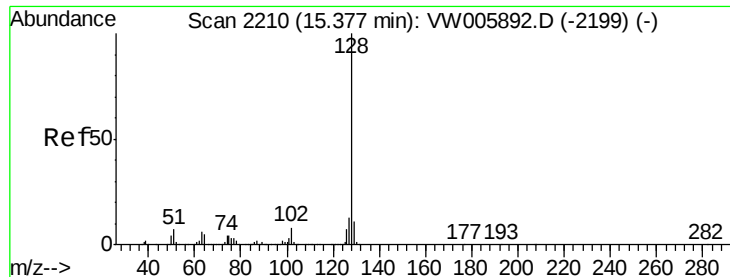
Tgt Ion:180 Resp: 311270
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.8 143.3
 145 29.1 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 51.407 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW005892.D
 Acq: 08 Oct 2018 13:06

Tgt Ion:225 Resp: 197282
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.2 93.6
 227 63.9 31.9 95.9

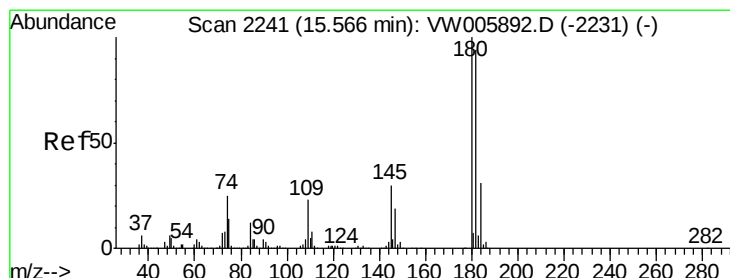
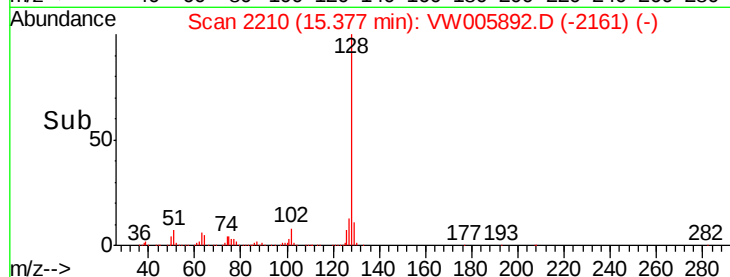
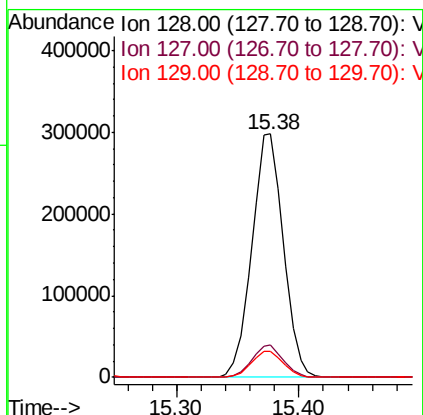
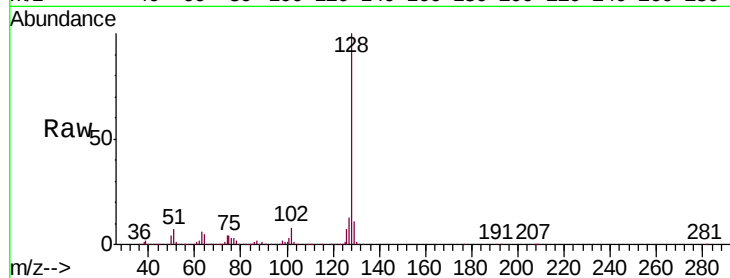




#95
Naphthalene
Concen: 50.402 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 534144
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 50.723 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW005892.D
Acq: 08 Oct 2018 13:06

Tgt Ion:180 Resp: 270032
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.8
145 30.6 15.3 45.9

