

Data File : VW009236.D
Acq On : 19 Mar 2019 12:18
Operator : SY/VA
Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Quant Time: Mar 20 07:03:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:57:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	314489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	470711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	431827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	235234	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	171210	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	7.88	113	152437	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	10.32	98	570658	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
62) 4-Bromofluorobenzene	12.62	95	211129	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	87229	39.534	ug/l	100
3) Chloromethane	2.21	50	104991	46.054	ug/l	100
4) Vinyl Chloride	2.37	62	148617	44.417	ug/l	100
5) Bromomethane	2.78	94	121955	44.694	ug/l	100
6) Chloroethane	2.92	64	121711	46.885	ug/l	100
7) Trichlorofluoromethane	3.26	101	106044	48.380	ug/l	100
8) Diethyl Ether	3.68	74	74941	47.408	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	149942	47.224	ug/l	100
10) Methyl Iodide	4.27	142	219655	47.990	ug/l	100
11) Tert butyl alcohol	5.17	59	47454	244.474	ug/l	100
12) 1,1-Dichloroethene	4.04	96	140115	46.683	ug/l	100
13) Acrolein	3.89	56	40205	253.633	ug/l	100
14) Allyl chloride	4.65	41	214085	48.384	ug/l	100
15) Acrylonitrile	5.36	53	166002	249.877	ug/l	100
16) Acetone	4.12	43	172189	250.892	ug/l	100
17) Carbon Disulfide	4.38	76	387450	46.306	ug/l	100
18) Methyl Acetate	4.67	43	86988	49.386	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	183739	49.880	ug/l	100
20) Methylene Chloride	4.92	84	145742	45.480	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	146767	47.529	ug/l	100
22) Diisopropyl ether	6.31	45	471780	49.458	ug/l	100
23) Vinyl Acetate	6.25	43	1516872	253.440	ug/l	100
24) 1,1-Dichloroethane	6.21	63	280163	47.590	ug/l	100
25) 2-Butanone	7.17	43	247240	251.413	ug/l	100
26) 2,2-Dichloropropane	7.17	77	157561	47.900	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	163835	48.974	ug/l	100
28) Bromochloromethane	7.51	49	130994	50.730	ug/l	100
29) Tetrahydrofuran	7.52	42	157445	251.883	ug/l	100
30) Chloroform	7.67	83	294395	48.062	ug/l	100
31) Cyclohexane	7.95	56	251948	45.905	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	233140	47.684	ug/l	100
36) 1,1-Dichloropropene	8.08	75	227344	48.536	ug/l	100
37) Ethyl Acetate	7.25	43	107424	50.259	ug/l	100
38) Carbon Tetrachloride	8.06	117	236430	47.696	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	274662	50.683	ug/l	100
40) Benzene	8.32	78	614478	48.376	ug/l	100
41) Methacrylonitrile	7.48	41	58476	50.761	ug/l	100
42) 1,2-Dichloroethane	8.40	62	202984	48.886	ug/l	100
43) Isopropyl Acetate	8.42	43	212526	49.656	ug/l	100
44) Trichloroethene	9.09	130	168380	48.390	ug/l	100
45) 1,2-Dichloropropane	9.37	63	157568	48.798	ug/l	100
46) Dibromomethane	9.46	93	85979	48.422	ug/l	100
47) Bromodichloromethane	9.64	83	220100	49.053	ug/l	100
48) Methyl methacrylate	9.43	41	102581	51.768	ug/l	100
49) 1,4-Dioxane	9.45	88	28699	1042.044	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	569151	255.164	ug/l	100
52) Toluene	10.38	92	394854	49.060	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	223136	50.997	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	245122	49.796	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	118816	49.417	ug/l	100
56) Ethyl methacrylate	10.65	69	150382	52.526	ug/l	100
57) 1,3-Dichloropropane	10.93	76	206804	49.869	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	79643	95.074	ug/l	100
59) 2-Hexanone	10.97	43	397497	262.494	ug/l	100
60) Dibromochloromethane	11.13	129	149635	50.373	ug/l	100
61) 1,2-Dibromoethane	11.23	107	112866	49.287	ug/l	100
64) Tetrachloroethene	10.86	164	143947	48.674	ug/l	100
65) Chlorobenzene	11.66	112	438782	49.132	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	163738	49.085	ug/l	100
67) Ethyl Benzene	11.73	91	790190	51.084	ug/l	100
68) m/p-Xylenes	11.84	106	603324	100.627	ug/l	100
69) o-Xylene	12.17	106	282217	50.689	ug/l	100
70) Styrene	12.18	104	468353	51.020	ug/l	100
71) Bromoform	12.35	173	90217	49.514	ug/l	100
73) Isopropylbenzene	12.46	105	808106	51.397	ug/l	100
74) N-amyl acetate	12.27	43	212530	51.820	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	144533	49.143	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	198569	83.488	ug/l #	100
77) Bromobenzene	12.75	156	183189	49.188	ug/l	100
78) n-propylbenzene	12.80	91	993057	51.426	ug/l	100
79) 2-Chlorotoluene	12.90	91	554351	50.535	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	691656	51.729	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	47225	52.420	ug/l	100
82) 4-Chlorotoluene	12.99	91	582897	50.439	ug/l	100
83) tert-Butylbenzene	13.21	119	596186	52.176	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	706025	51.506	ug/l	100
85) sec-Butylbenzene	13.38	105	876234	51.895	ug/l	100
86) p-Isopropyltoluene	13.50	119	786273	52.294	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	382294	49.605	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	375569	48.943	ug/l	100
89) n-Butylbenzene	13.83	91	759821	52.645	ug/l	100
90) Hexachloroethane	14.10	117	150003	50.601	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	344078	49.789	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	27021	51.310	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW031919\
Quantitation Report (Not Reviewed)

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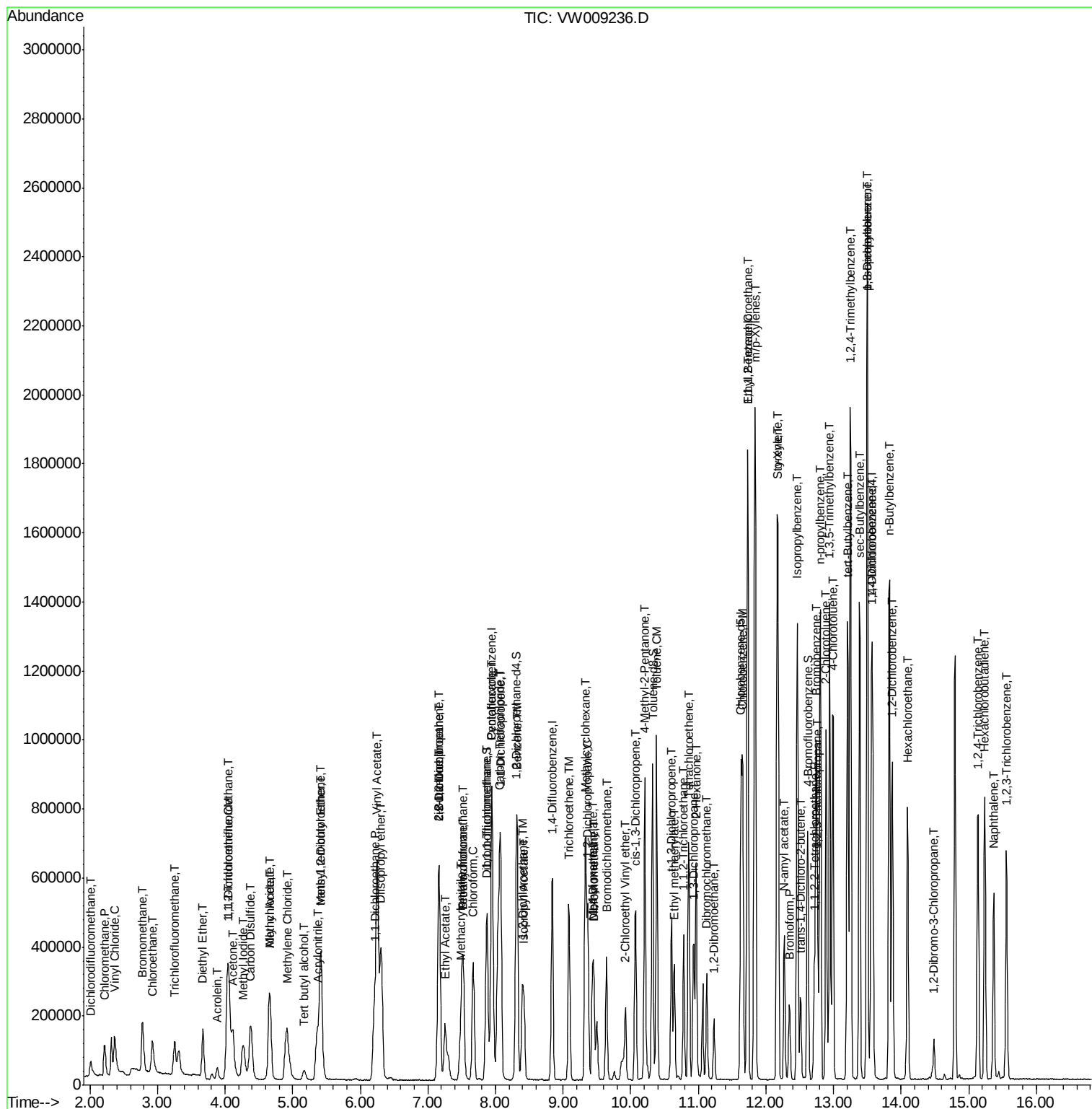
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	236858	51.034	ug/l	100
94) Hexachlorobutadiene	15.24	225	146453	49.613	ug/l	100
95) Naphthalene	15.37	128	435936	54.212	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	212950	51.401	ug/l	100

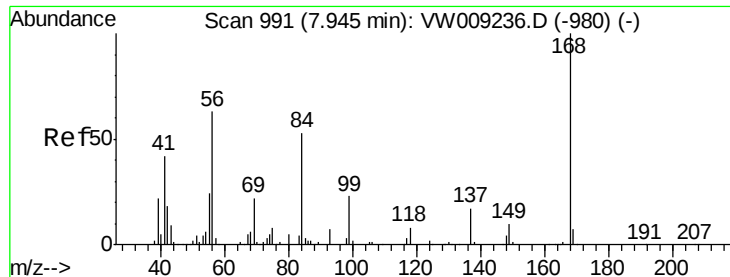
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009236.D

Acq: 19 Mar 2019 12:18

Instrument :

MSVOA_W

ClientSampleId :

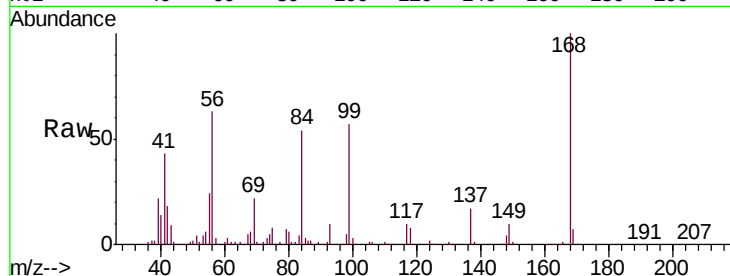
VSTDICCC050

Tgt Ion:168 Resp: 314489

Ion Ratio Lower Upper

168 100

99 56.7 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

100000

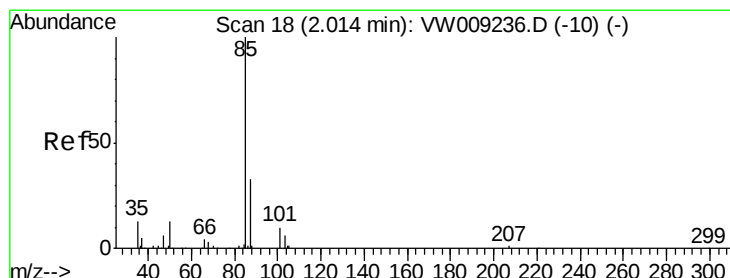
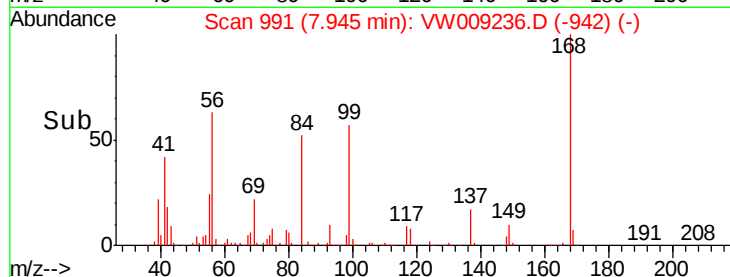
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 39.534 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW009236.D

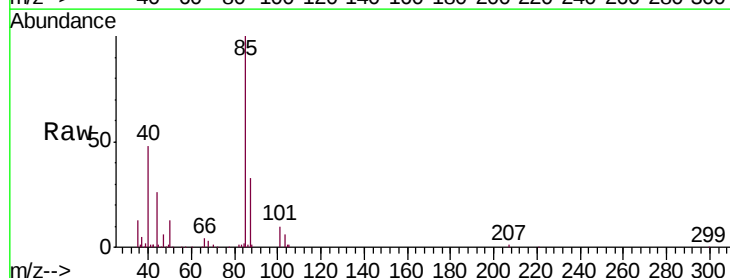
Acq: 19 Mar 2019 12:18

Tgt Ion: 85 Resp: 87229

Ion Ratio Lower Upper

85 100

87 33.4 16.7 50.1



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

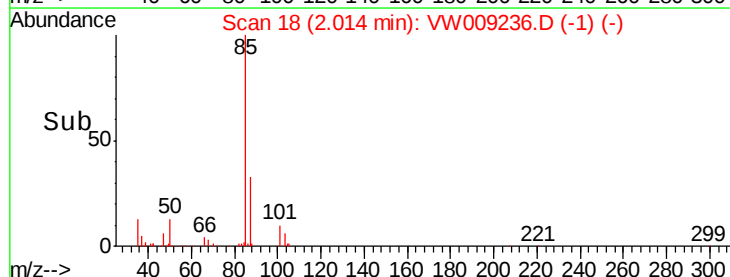
1.90

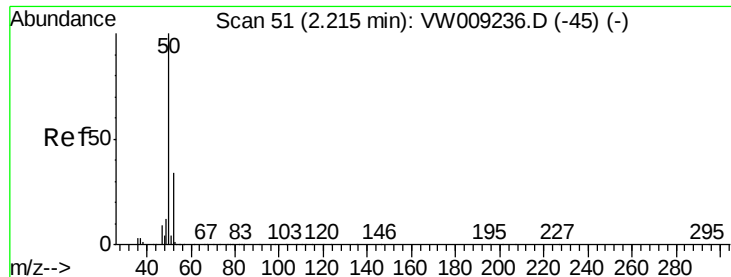
2.00

2.10

2.20

Time-->

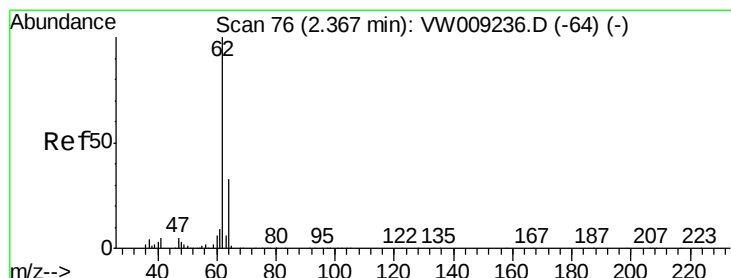
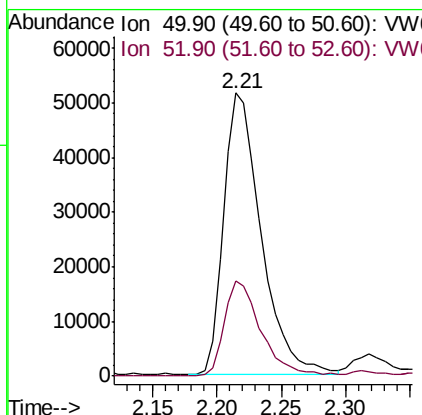
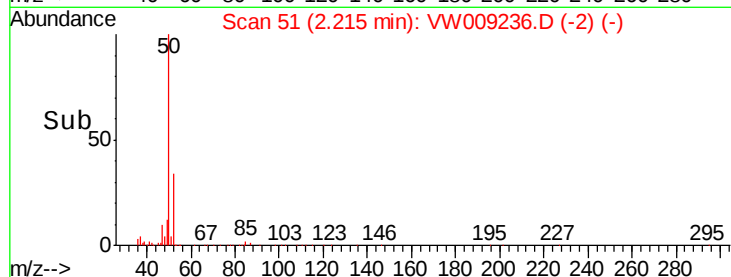
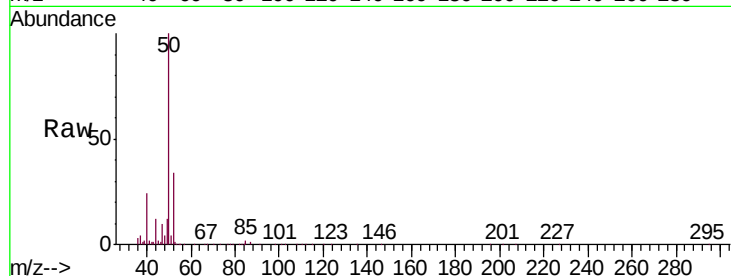




#3
Chloromethane
Concen: 46.054 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.00 min
Lab File: VW009236.D
Acq: 19 Mar 2019 12:18

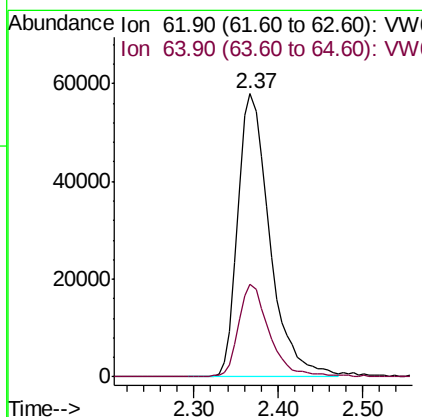
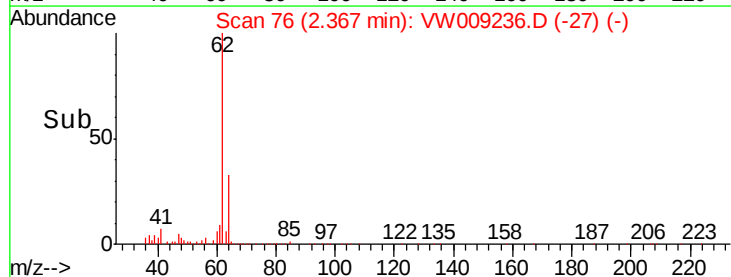
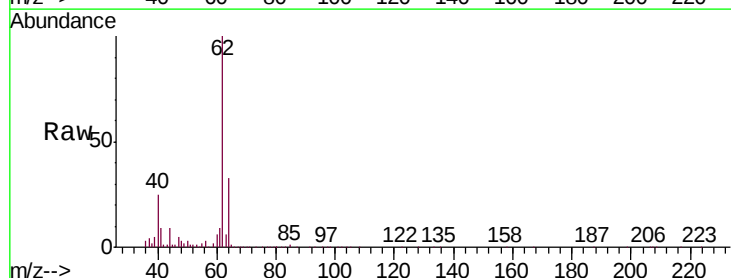
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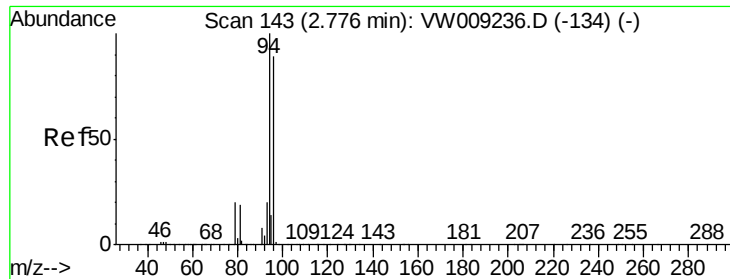
Tgt Ion: 50 Resp: 104991
Ion Ratio Lower Upper
50 100
52 34.0 27.2 40.8



#4
Vinyl Chloride
Concen: 44.417 ug/l
RT: 2.37 min Scan# 76
Delta R.T. 0.00 min
Lab File: VW009236.D
Acq: 19 Mar 2019 12:18

Tgt Ion: 62 Resp: 148617
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2





#5

Bromomethane

Concen: 44.694 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW009236.D

Acq: 19 Mar 2019 12:18

Instrument :

MSVOA_W

ClientSampleId :

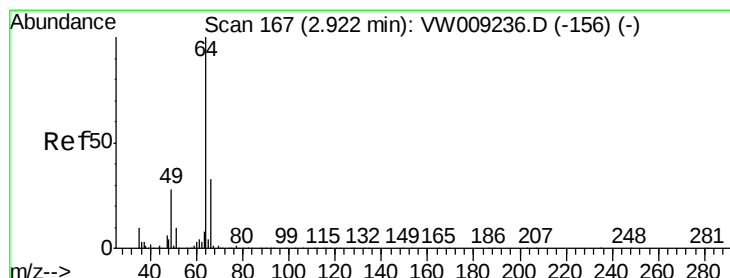
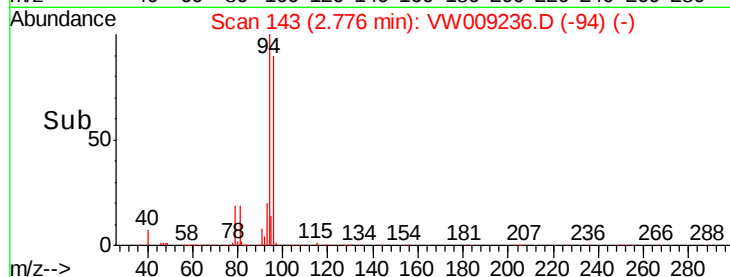
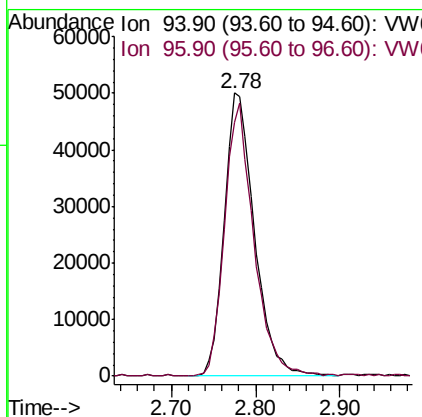
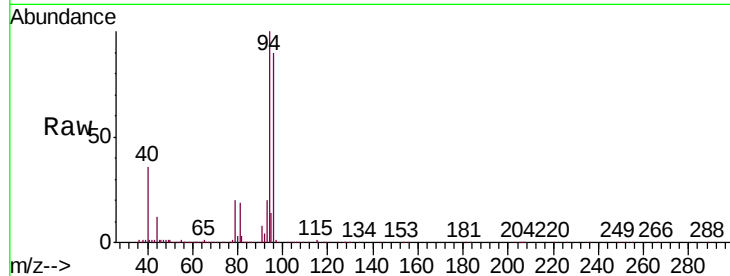
VSTDICCC050

Tgt Ion: 94 Resp: 121955

Ion Ratio Lower Upper

94 100

96 89.3 71.4 107.2



#6

Chloroethane

Concen: 46.885 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW009236.D

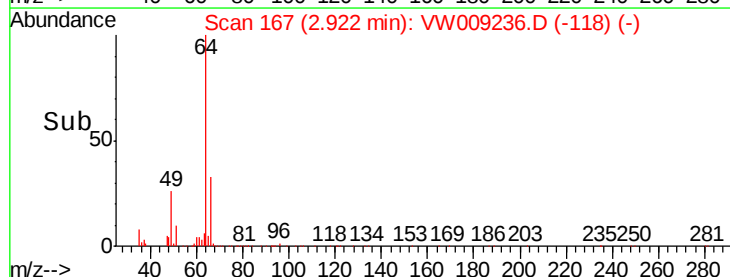
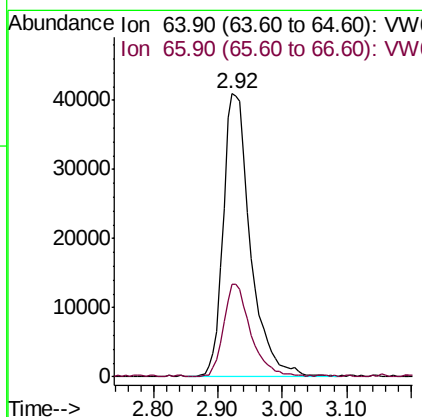
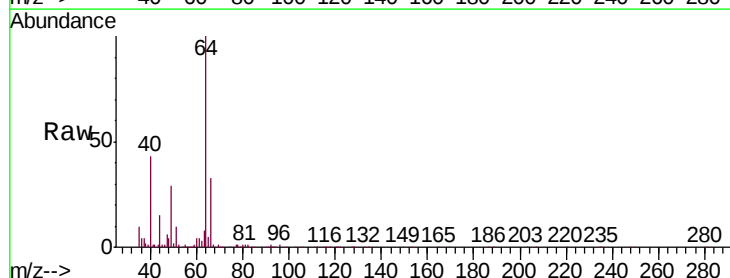
Acq: 19 Mar 2019 12:18

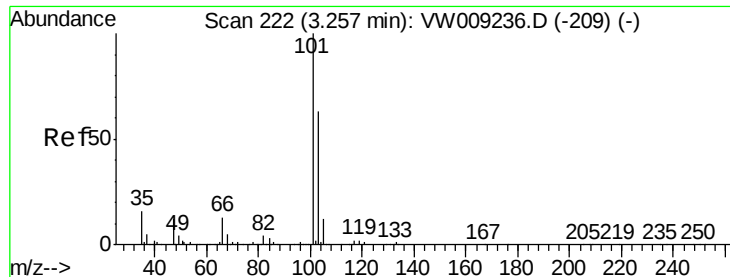
Tgt Ion: 64 Resp: 121711

Ion Ratio Lower Upper

64 100

66 32.7 26.2 39.2



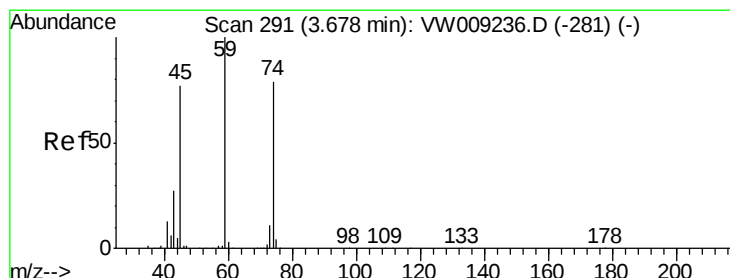
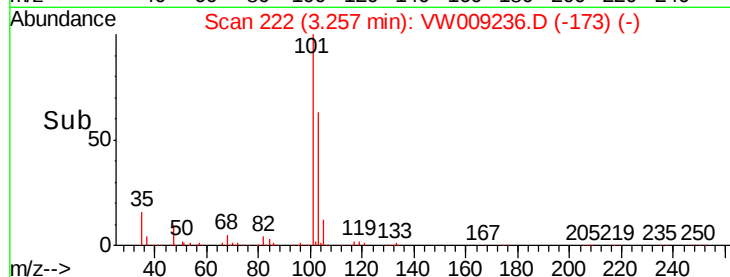
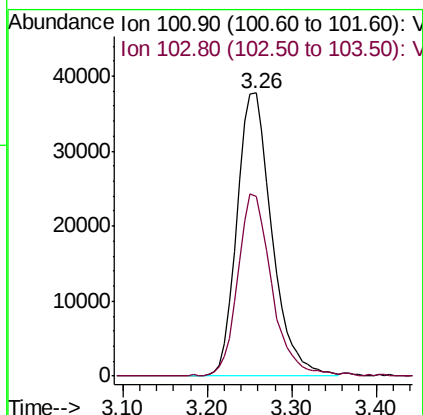
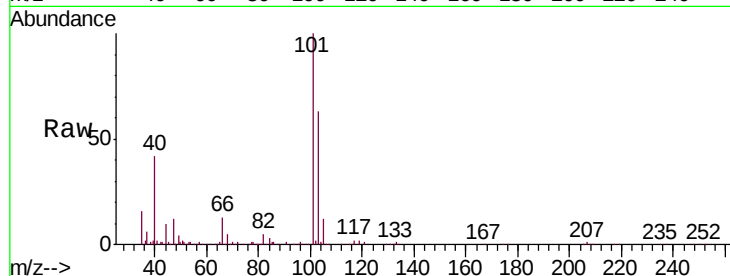


#7

Trichlorofluoromethane
Concen: 48.380 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW009236.D
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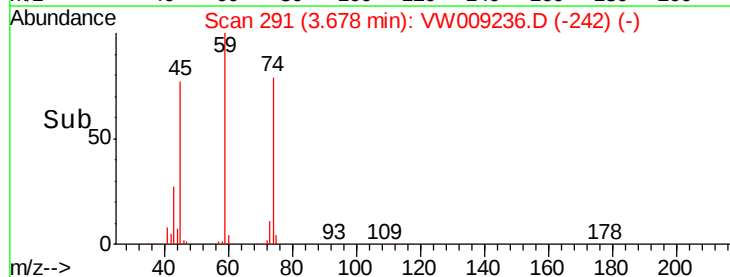
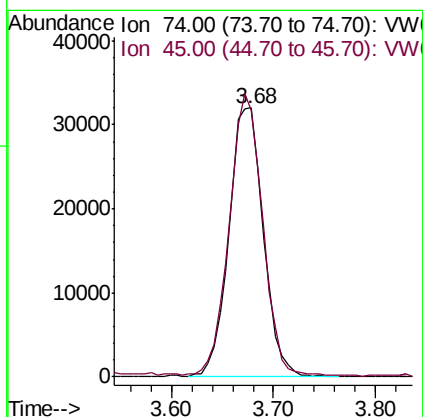
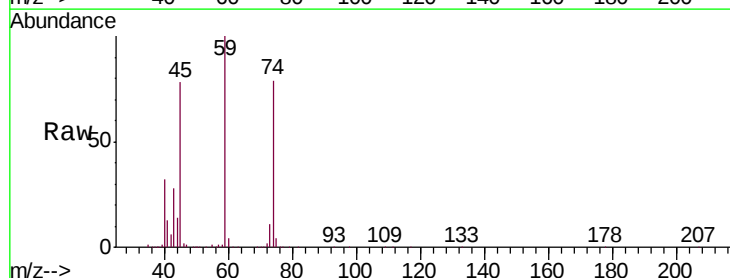
Tgt Ion:101 Resp: 106044
Ion Ratio Lower Upper
101 100
103 63.1 50.5 75.7

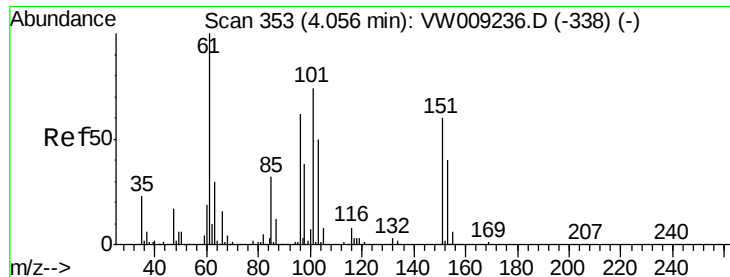


#8

Diethyl Ether
Concen: 47.408 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW009236.D
Acq: 19 Mar 2019 12:18

Tgt Ion: 74 Resp: 74941
Ion Ratio Lower Upper
74 100
45 101.3 50.6 151.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.224 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW009236.D

Acq: 19 Mar 2019 12:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

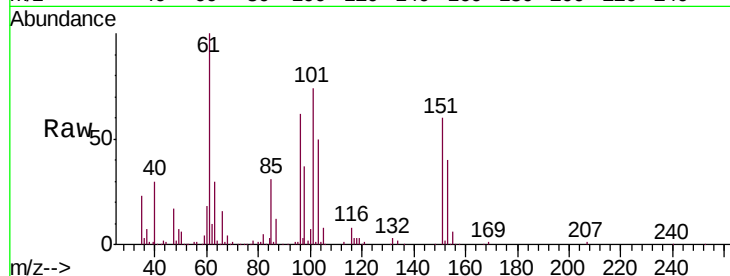
Tgt Ion:101 Resp: 149942

Ion Ratio Lower Upper

101 100

85 43.9 35.1 52.7

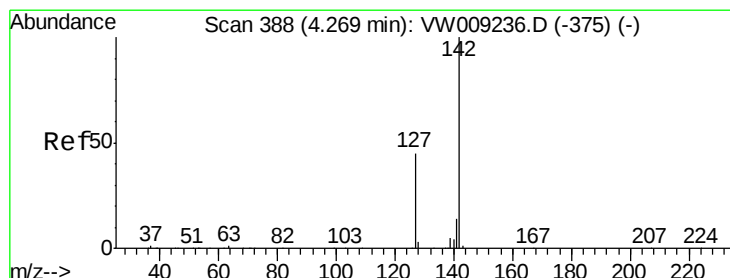
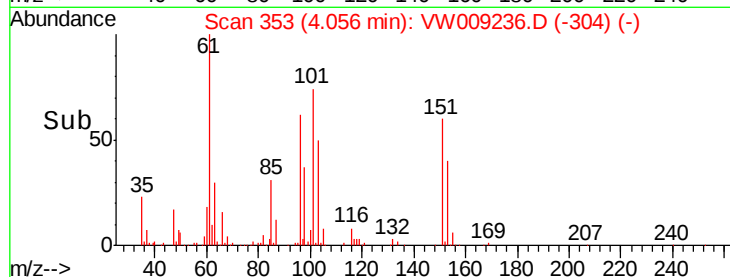
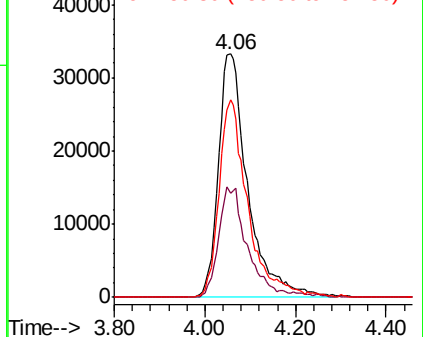
151 78.6 62.9 94.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.990 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW009236.D

Acq: 19 Mar 2019 12:18

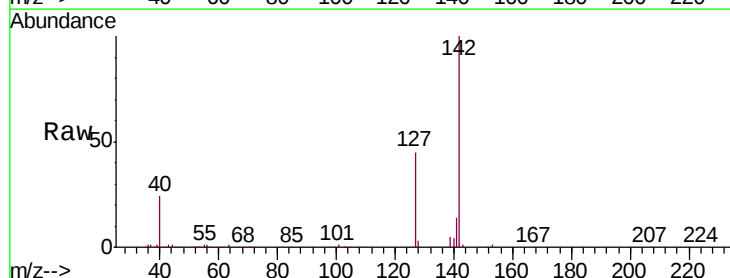
Tgt Ion:142 Resp: 219655

Ion Ratio Lower Upper

142 100

127 44.9 35.9 53.9

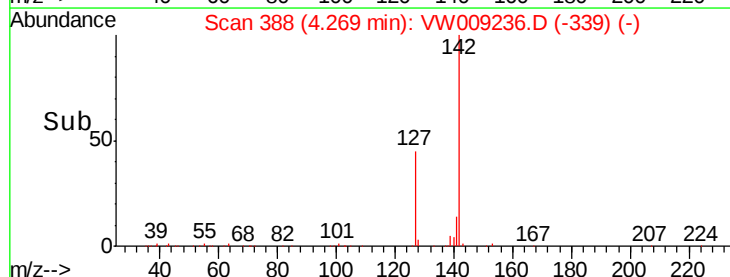
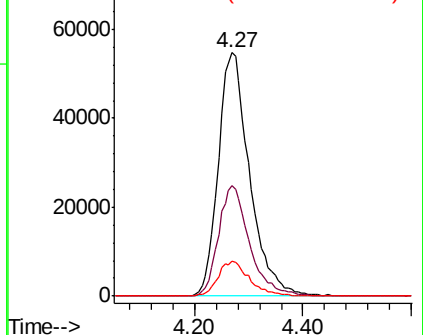
141 14.3 11.4 17.2

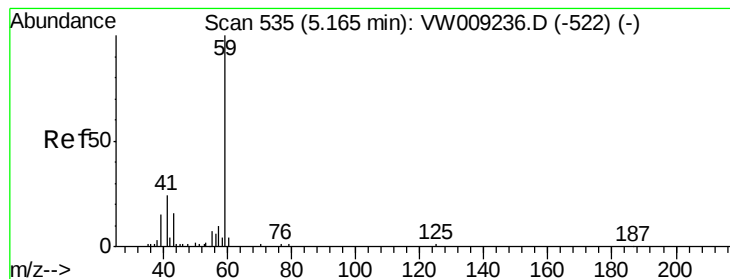


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



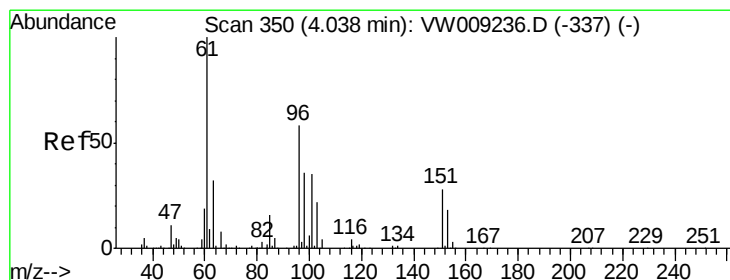
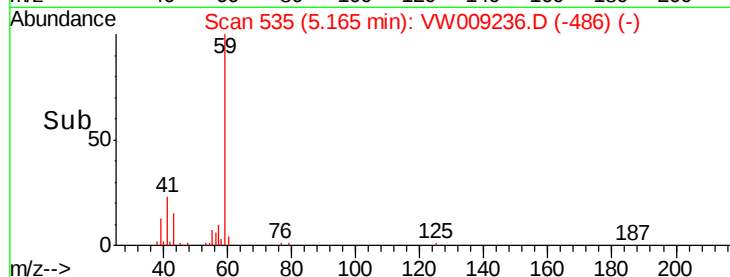
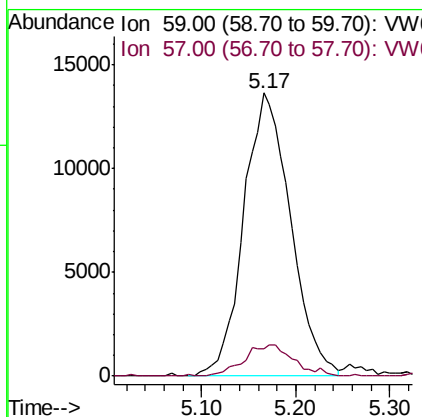
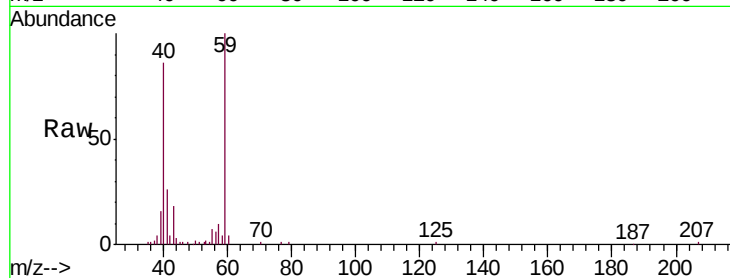


#11

Tert butyl alcohol
Concen: 244.474 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW009236.D
Acq: 19 Mar 2019 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

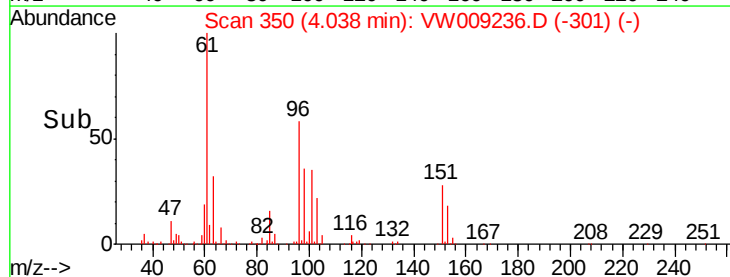
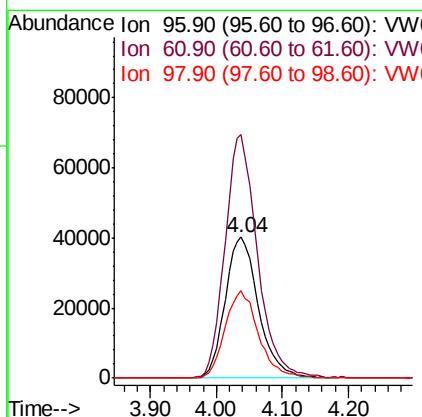
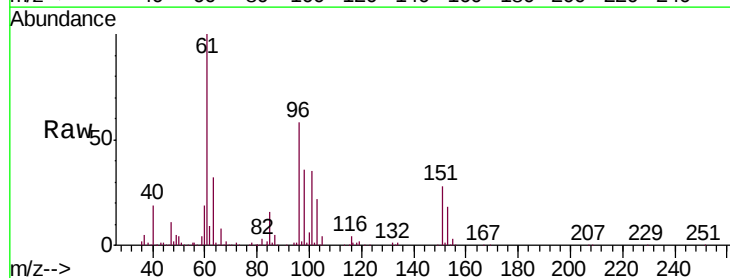
Tgt Ion: 59 Resp: 47454
Ion Ratio Lower Upper
59 100
57 11.7 9.4 14.0

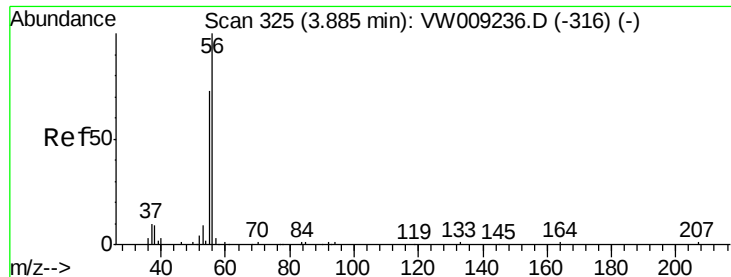


#12

1,1-Dichloroethene
Concen: 46.683 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW009236.D
Acq: 19 Mar 2019 12:18

Tgt Ion: 96 Resp: 140115
Ion Ratio Lower Upper
96 100
61 172.5 138.0 207.0
98 62.3 49.8 74.8





#13

Acrolein

Concen: 253.633 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW009236.D

Acq: 19 Mar 2019 12:18

Instrument :

MSVOA_W

ClientSampleId :

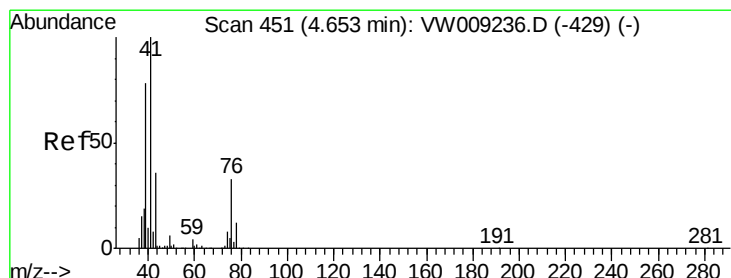
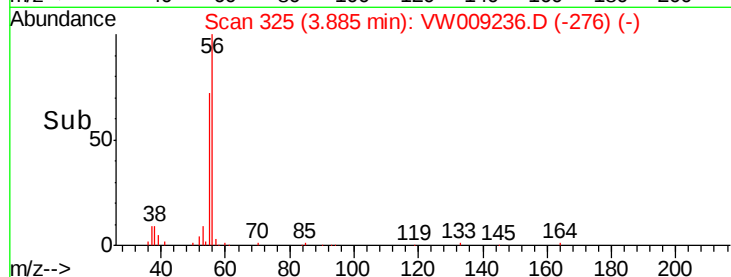
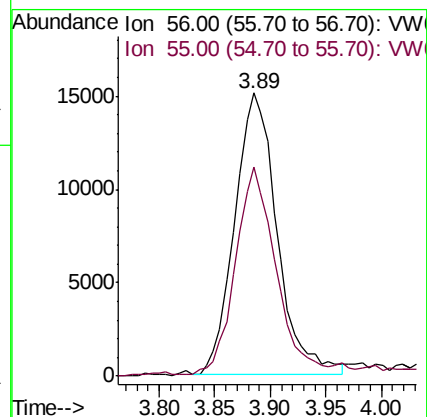
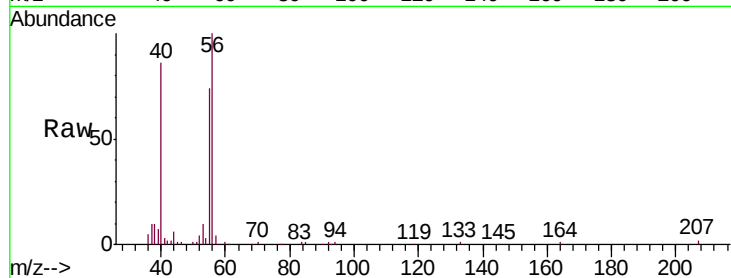
VSTDICCC050

Tgt Ion: 56 Resp: 40205

Ion Ratio Lower Upper

56 100

55 69.0 55.2 82.8



#14

Allyl chloride

Concen: 48.384 ug/l

RT: 4.65 min Scan# 451

Delta R.T. 0.00 min

Lab File: VW009236.D

Acq: 19 Mar 2019 12:18

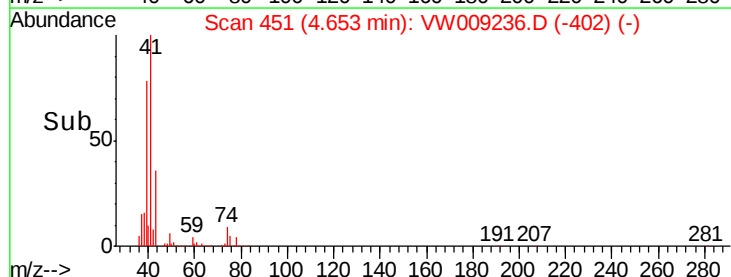
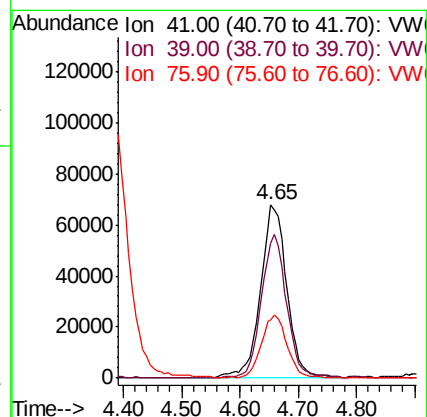
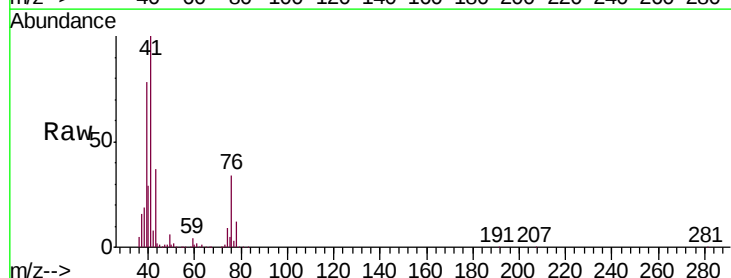
Tgt Ion: 41 Resp: 214085

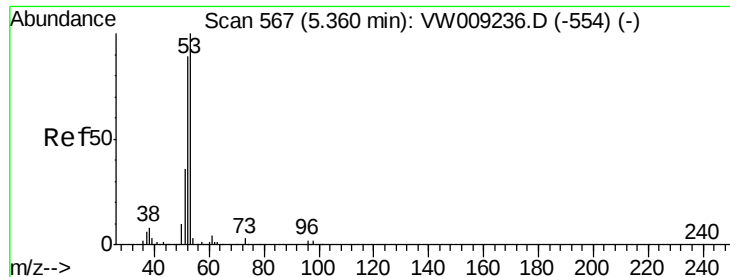
Ion Ratio Lower Upper

41 100

39 79.7 63.8 95.6

76 34.7 27.8 41.6





#15

Acrylonitrile

Concen: 249.877 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW009236.D

Acq: 19 Mar 2019 12:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

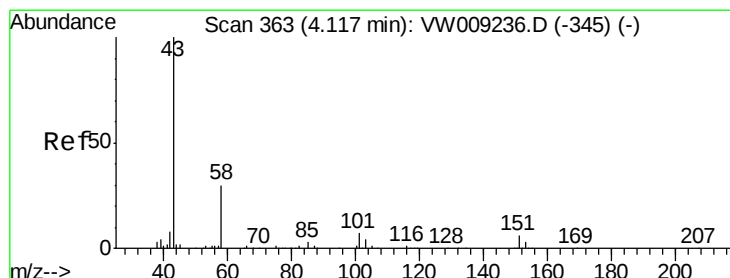
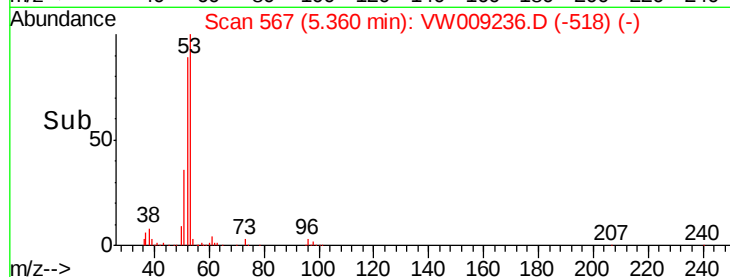
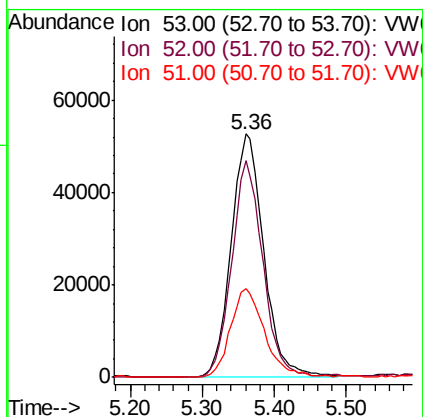
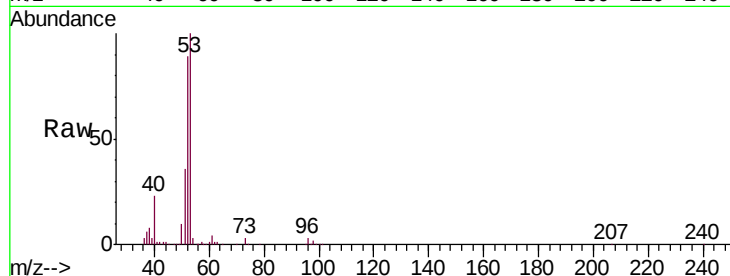
Tgt Ion: 53 Resp: 166002

Ion Ratio Lower Upper

53 100

52 84.5 67.6 101.4

51 38.2 30.6 45.8



#16

Acetone

Concen: 250.892 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW009236.D

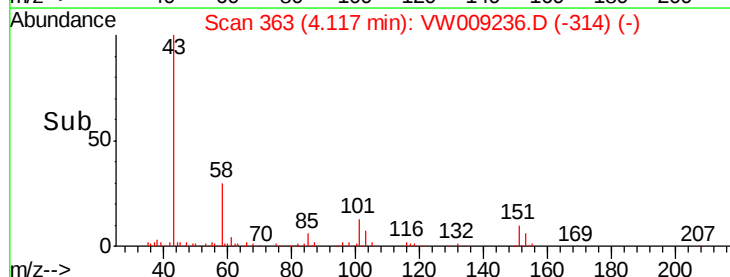
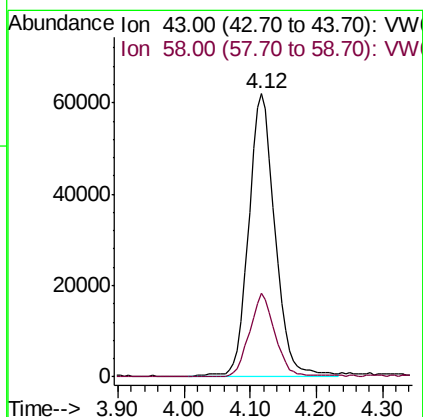
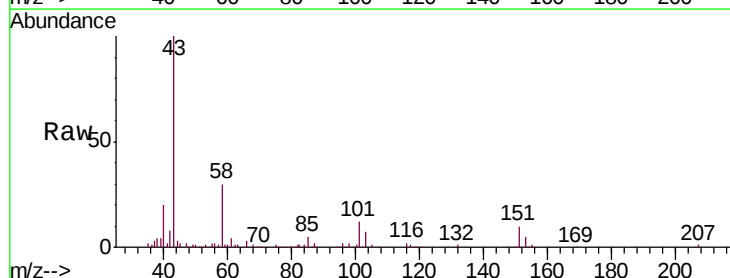
Acq: 19 Mar 2019 12:18

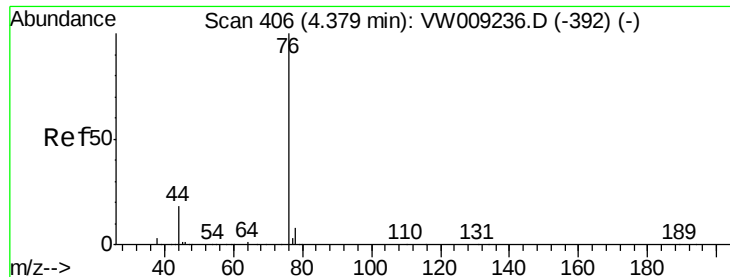
Tgt Ion: 43 Resp: 172189

Ion Ratio Lower Upper

43 100

58 29.5 23.6 35.4

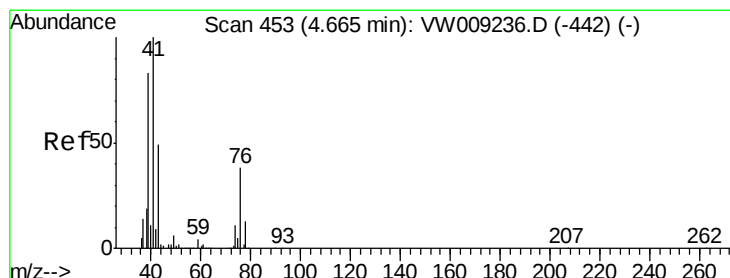
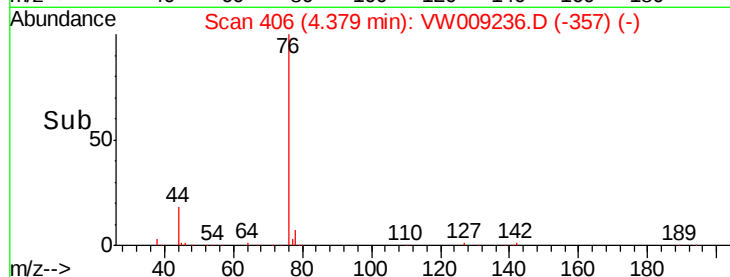
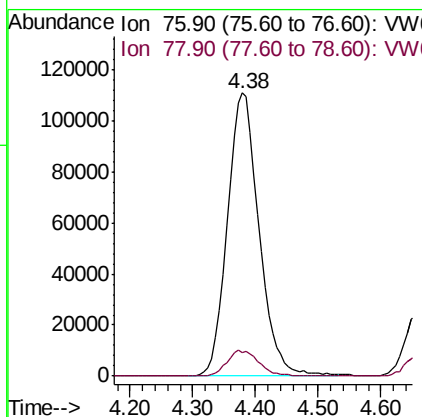
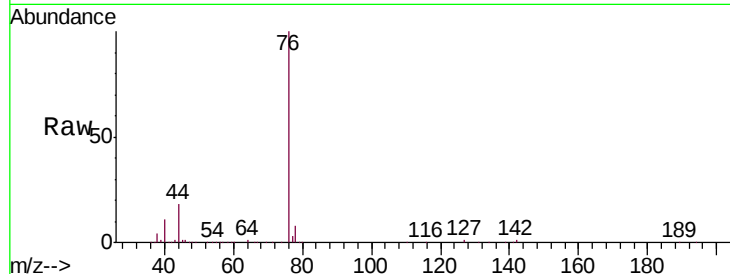




#17
Carbon Disulfide
Concen: 46.306 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW009236.D
Acq: 19 Mar 2019 12:18

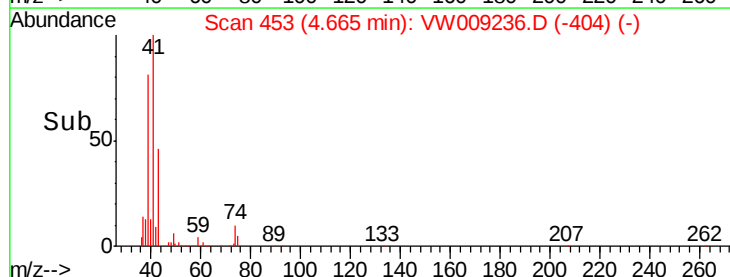
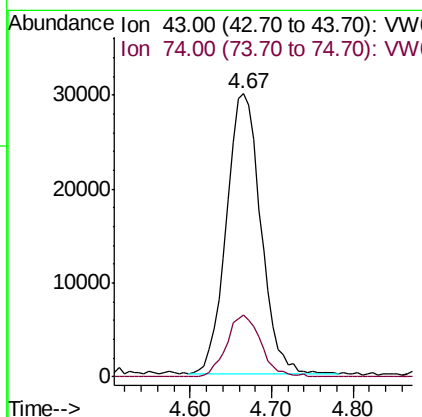
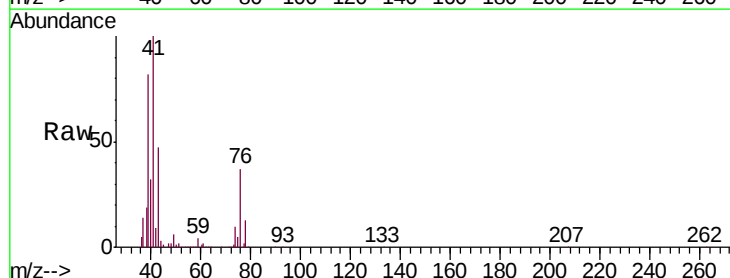
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

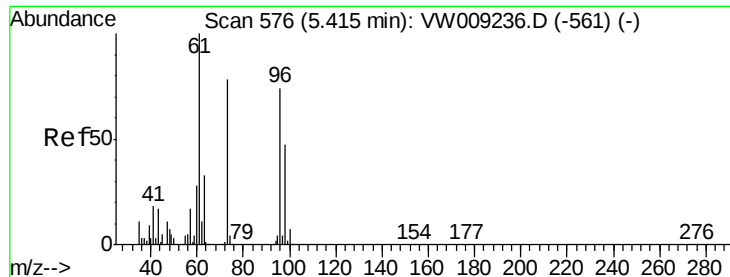
Tgt Ion: 76 Resp: 387450
Ion Ratio Lower Upper
76 100
78 8.2 6.6 9.8



#18
Methyl Acetate
Concen: 49.386 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW009236.D
Acq: 19 Mar 2019 12:18

Tgt Ion: 43 Resp: 86988
Ion Ratio Lower Upper
43 100
74 22.1 17.7 26.5



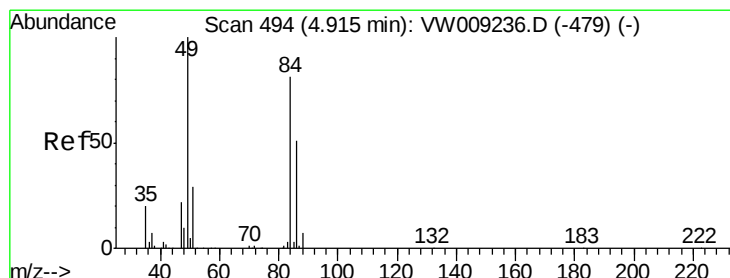
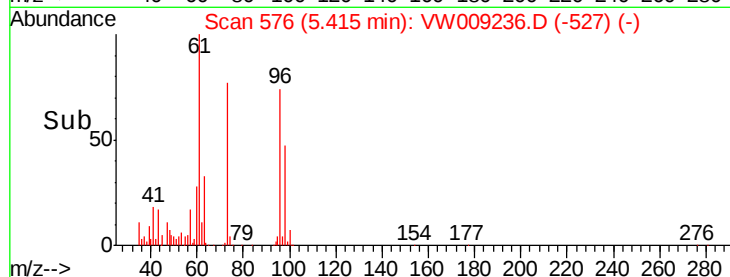
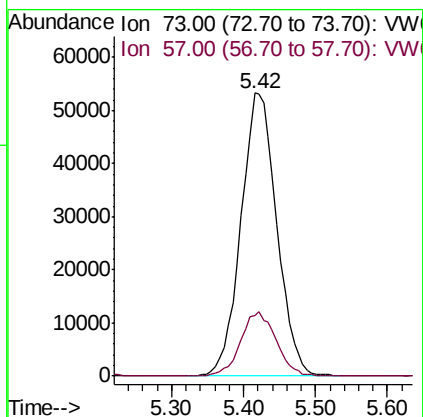
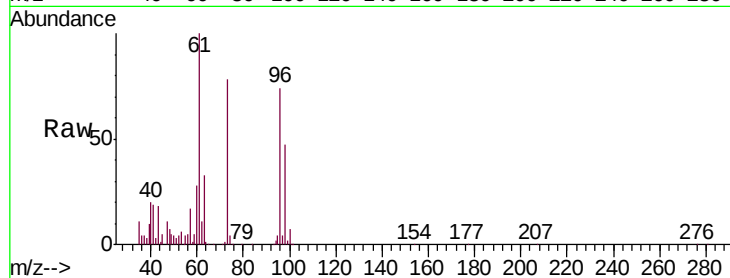


#19

Methyl tert-butyl Ether
 Concen: 49.880 ug/l
 RT: 5.42 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: VW009236.D
 Acq: 19 Mar 2019 12:18

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

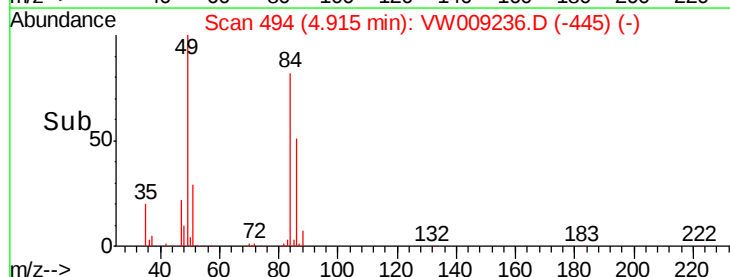
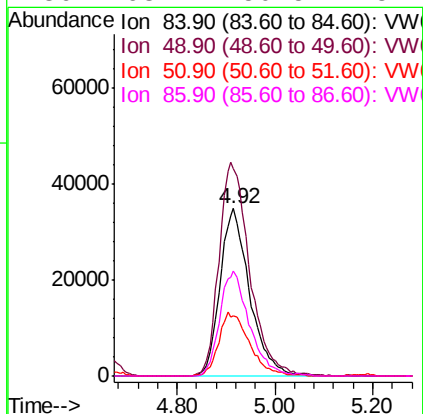
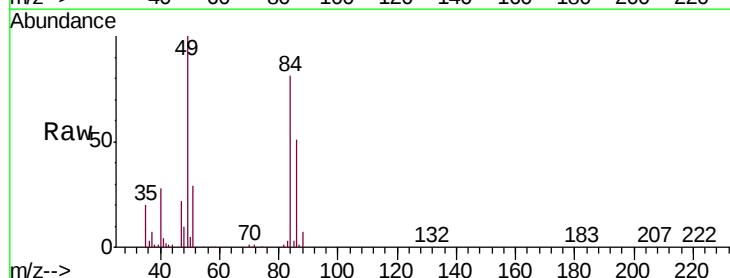
Tgt Ion: 73 Resp: 183739
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.0 25.6

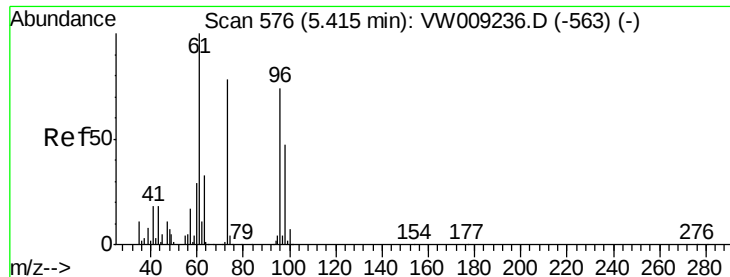


#20

Methylene Chloride
 Concen: 45.480 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW009236.D
 Acq: 19 Mar 2019 12:18

Tgt Ion: 84 Resp: 145742
 Ion Ratio Lower Upper
 84 100
 49 123.9 99.1 148.7
 51 35.9 28.7 43.1
 86 63.1 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 47.529 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW009236.D

Acq: 19 Mar 2019 12:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

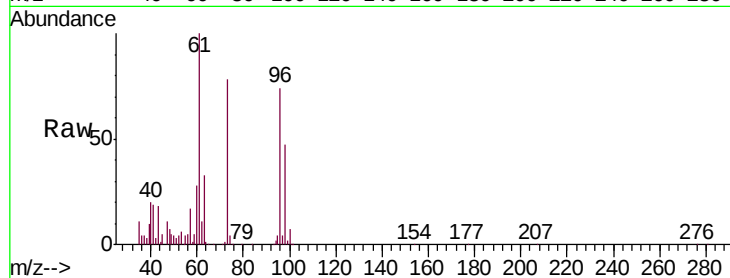
Tgt Ion: 96 Resp: 146767

Ion Ratio Lower Upper

96 100

61 135.3 108.2 162.4

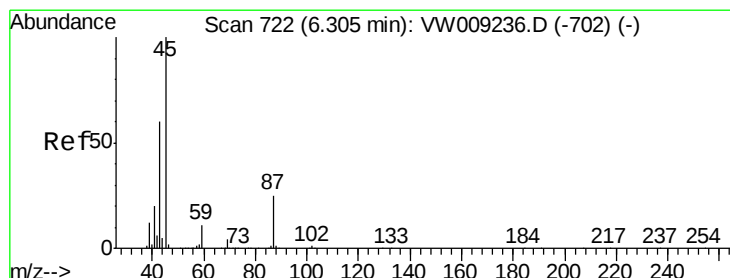
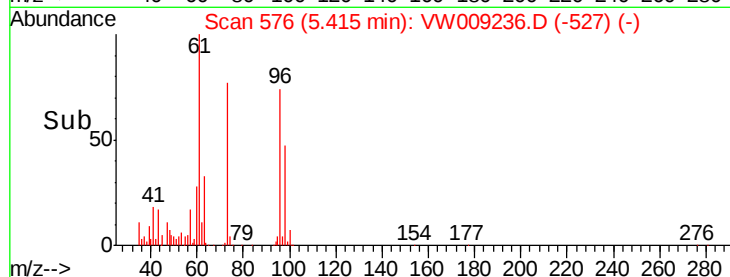
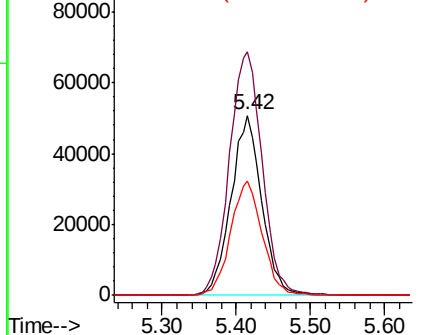
98 63.6 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 49.458 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW009236.D

Acq: 19 Mar 2019 12:18

Tgt Ion: 45 Resp: 471780

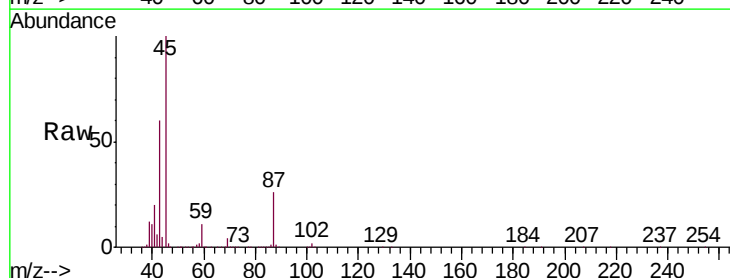
Ion Ratio Lower Upper

45 100

43 59.9 47.9 71.9

87 25.7 20.6 30.8

59 11.2 9.0 13.4

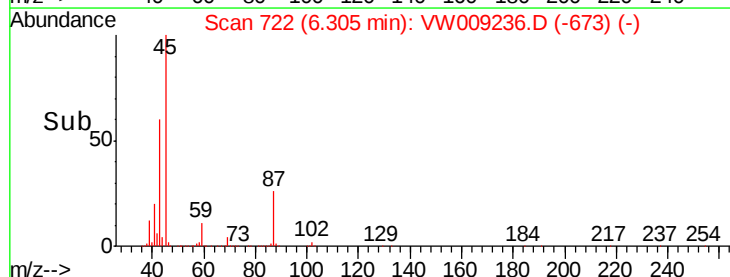
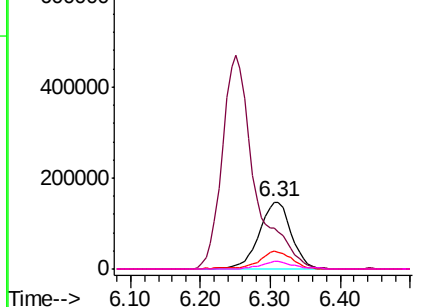


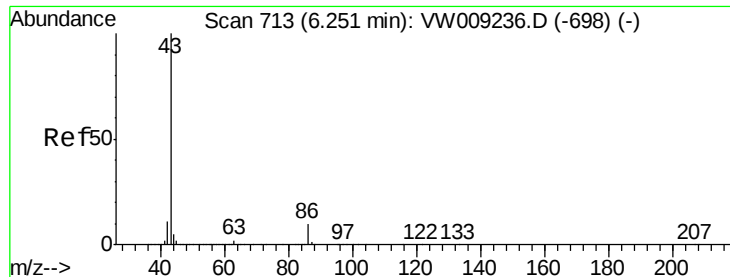
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 253.440 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW009236.D

Acq: 19 Mar 2019 12:18

Instrument :

MSVOA_W

ClientSampleId :

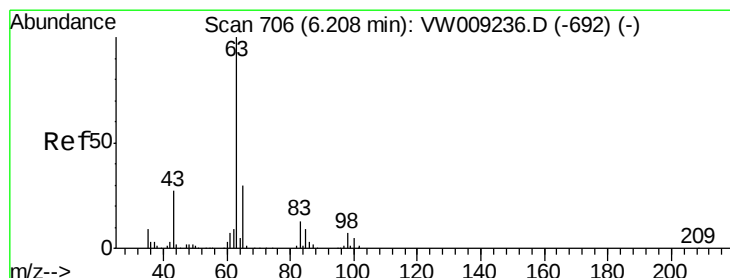
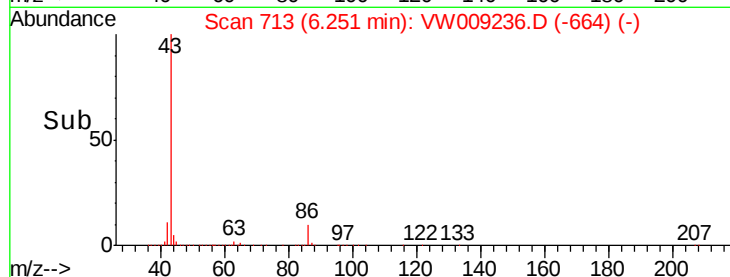
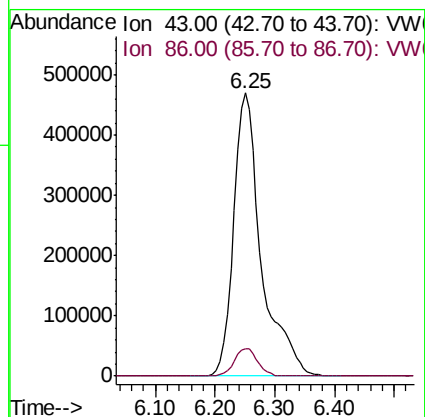
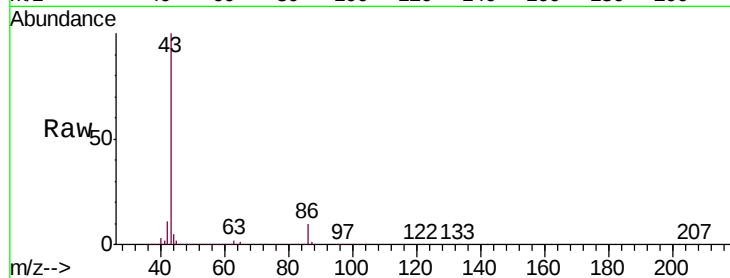
VSTDICCC050

Tgt Ion: 43 Resp: 1516872

Ion Ratio Lower Upper

43 100

86 9.6 7.7 11.5



#24

1,1-Dichloroethane

Concen: 47.590 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW009236.D

Acq: 19 Mar 2019 12:18

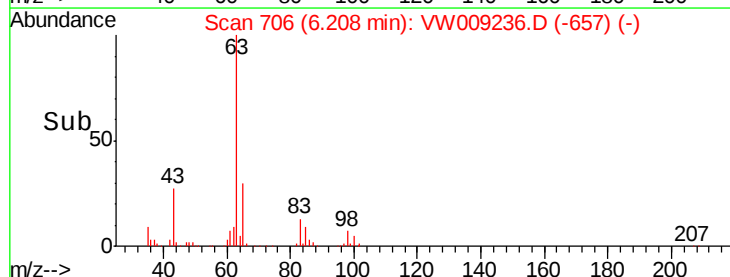
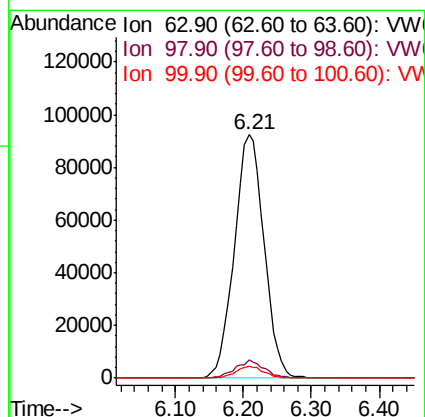
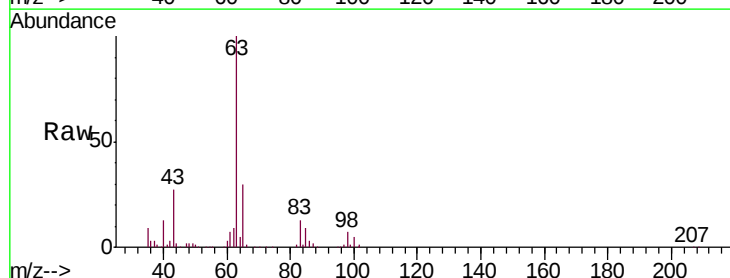
Tgt Ion: 63 Resp: 280163

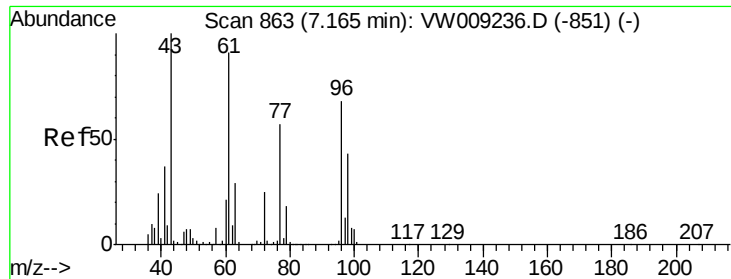
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 251.413 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009236.D

Acq: 19 Mar 2019 12:18

Instrument :

MSVOA_W

ClientSampled :

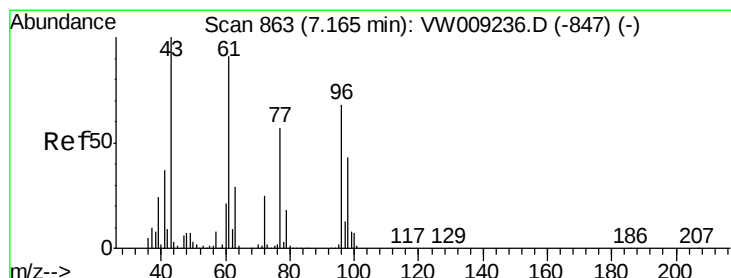
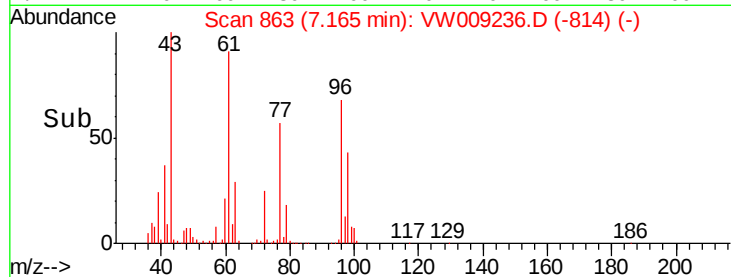
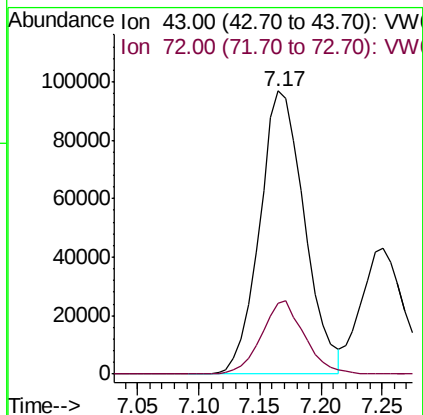
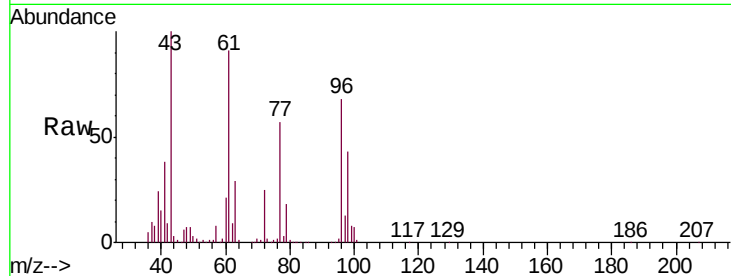
VSTDICCC050

Tgt Ion: 43 Resp: 247240

Ion Ratio Lower Upper

43 100

72 25.0 20.0 30.0



#26

2,2-Dichloropropane

Concen: 47.900 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009236.D

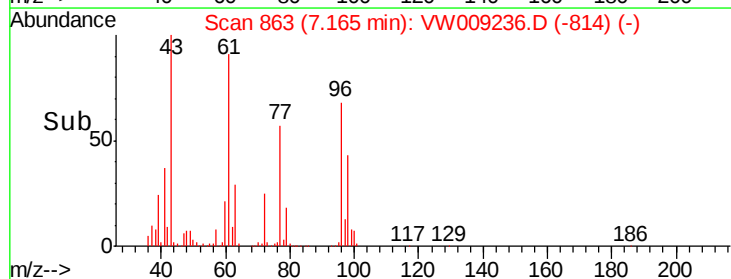
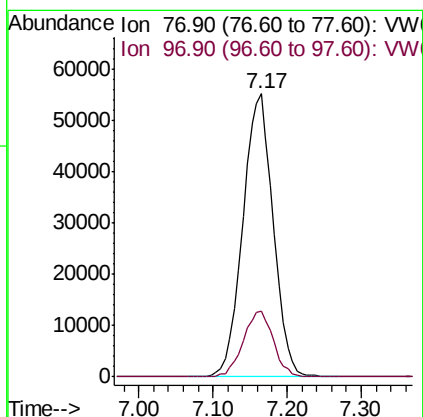
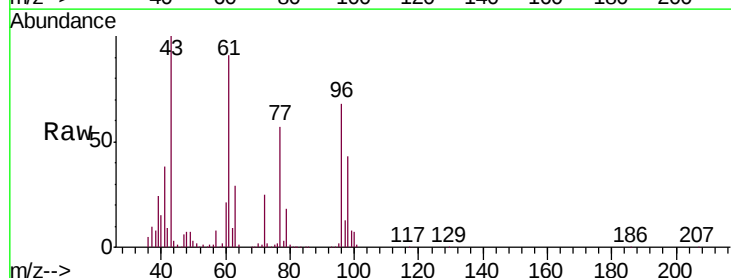
Acq: 19 Mar 2019 12:18

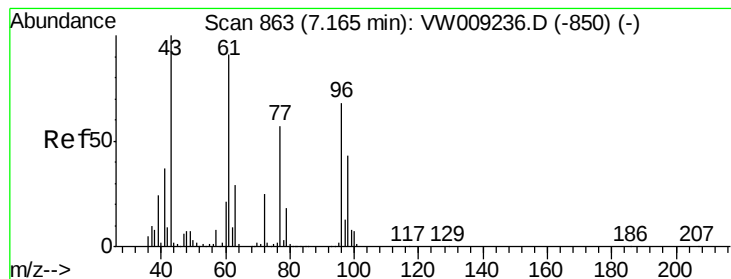
Tgt Ion: 77 Resp: 157561

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7



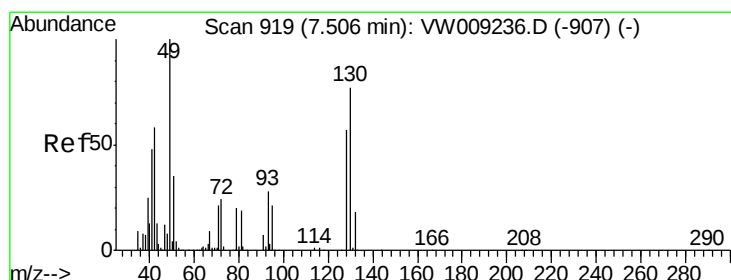
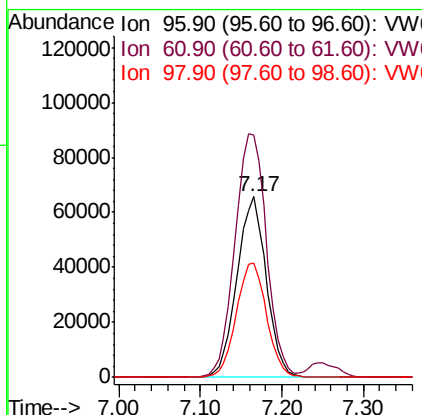
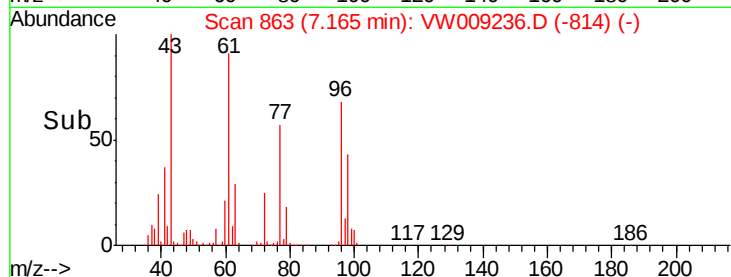
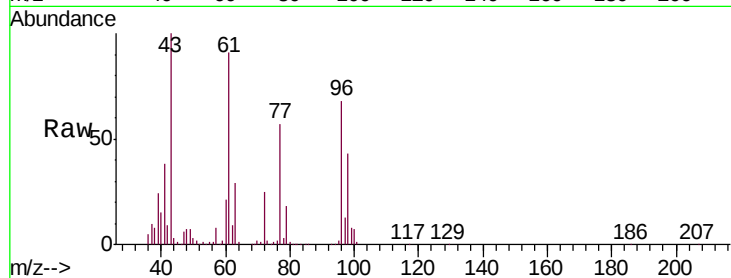


#27

cis-1,2-Dichloroethene
Concen: 48.974 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009236.D
Acq: 19 Mar 2019 12:18

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

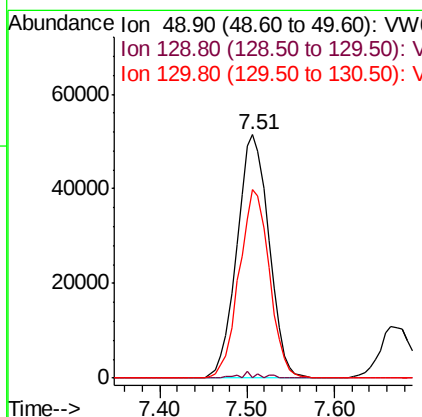
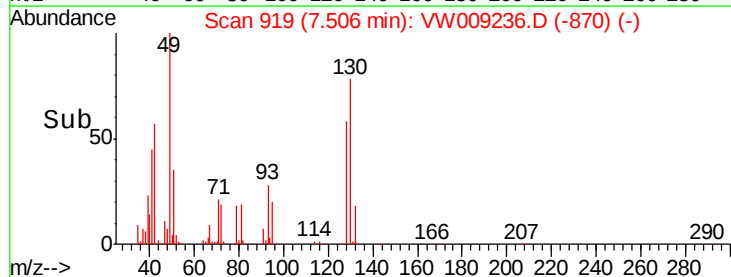
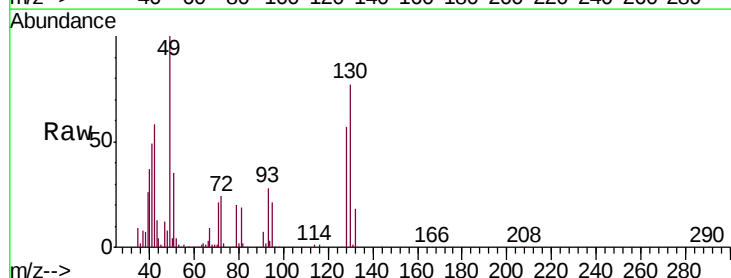
Tgt Ion: 96 Resp: 163835
Ion Ratio Lower Upper
96 100
61 144.9 0.0 289.8
98 65.4 0.0 130.8

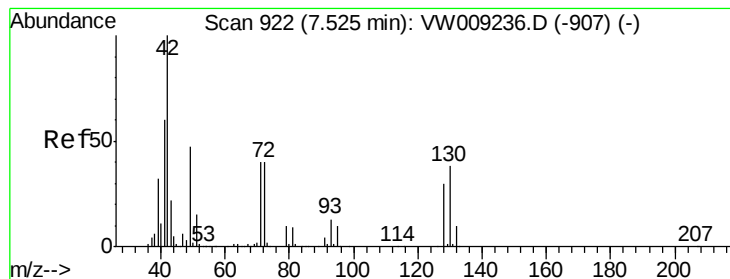


#28

Bromochloromethane
Concen: 50.730 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW009236.D
Acq: 19 Mar 2019 12:18

Tgt Ion: 49 Resp: 130994
Ion Ratio Lower Upper
49 100
129 0.7 0.0 1.4
130 73.3 58.6 88.0





#29

Tetrahydrofuran

Concen: 251.883 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.00 min

Lab File: VW009236.D

Acq: 19 Mar 2019 12:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

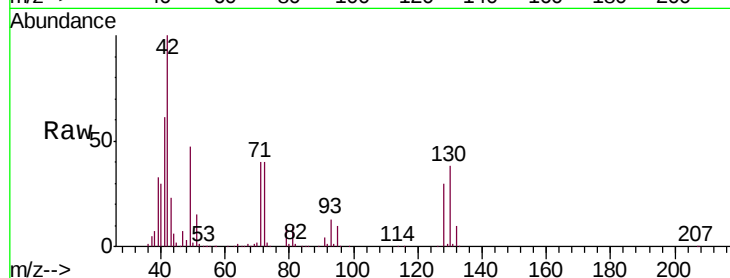
Tgt Ion: 42 Resp: 157445

Ion Ratio Lower Upper

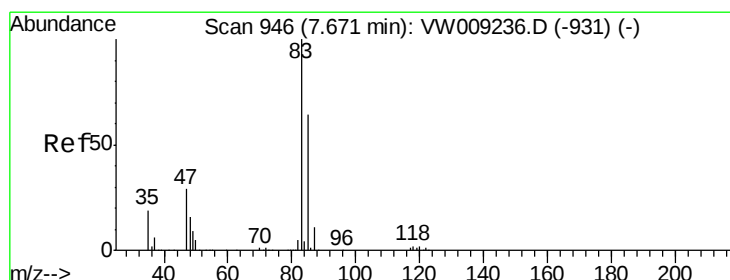
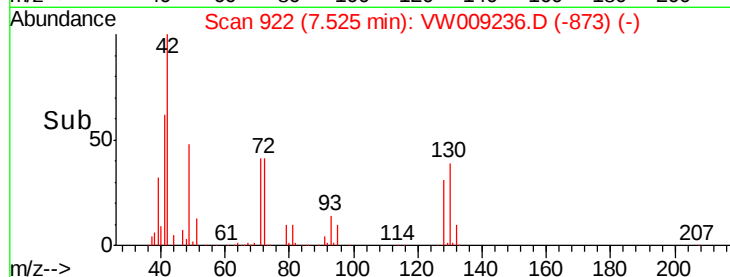
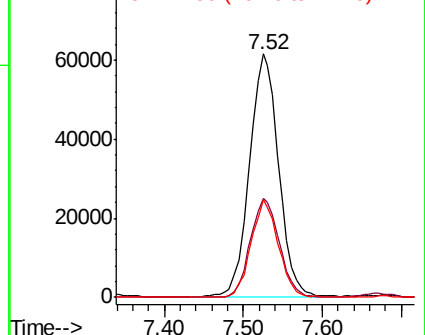
42 100

72 40.5 32.4 48.6

71 37.6 30.1 45.1



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: 48.062 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW009236.D

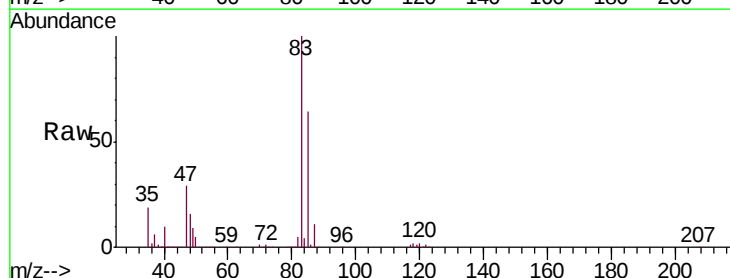
Acq: 19 Mar 2019 12:18

Tgt Ion: 83 Resp: 294395

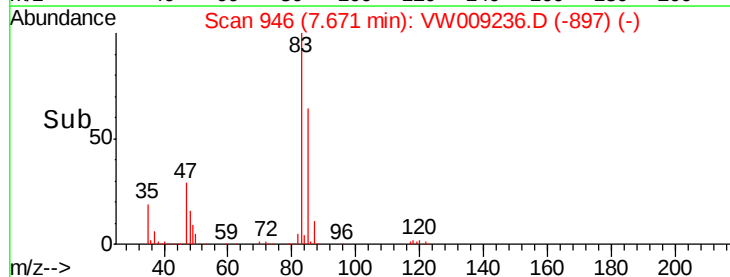
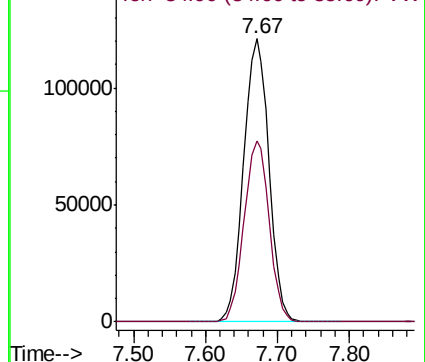
Ion Ratio Lower Upper

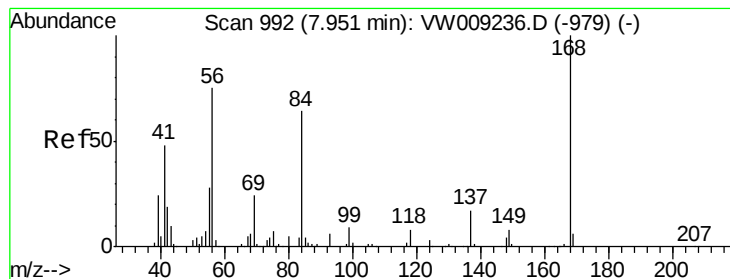
83 100

85 63.8 51.0 76.6



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





#31

Cyclohexane

Concen: 45.905 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009236.D

Acq: 19 Mar 2019 12:18

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

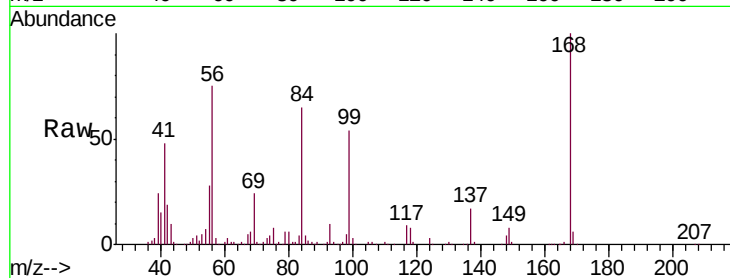
Tgt Ion: 56 Resp: 251948

Ion Ratio Lower Upper

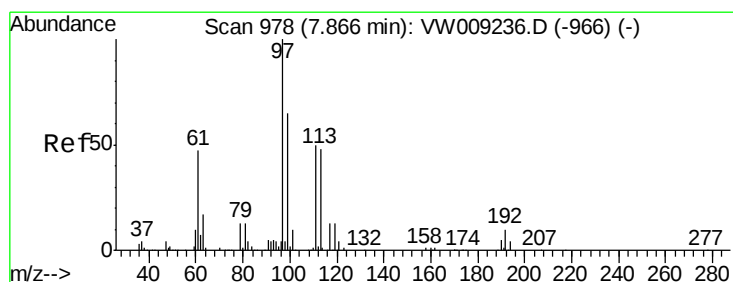
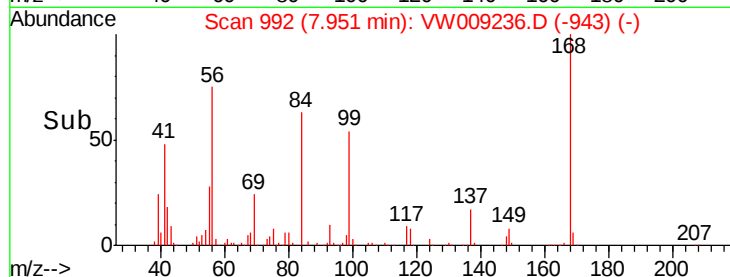
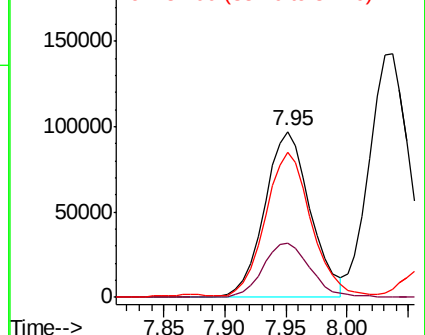
56 100

69 32.6 26.1 39.1

84 85.8 68.6 103.0



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



#32

1,1,1-Trichloroethane

Concen: 47.684 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW009236.D

Acq: 19 Mar 2019 12:18

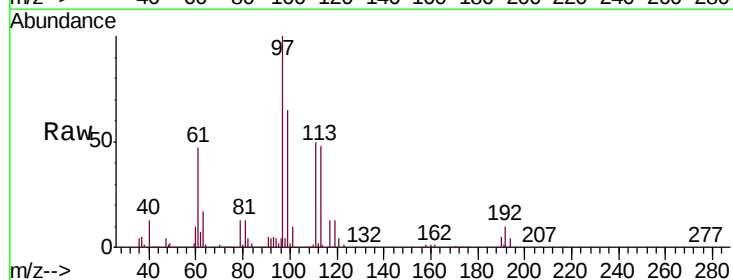
Tgt Ion: 97 Resp: 233140

Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

61 46.0 36.8 55.2



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

