

Data File : VW002529.D

Acq On : 14 May 2018 22:56

Operator : JC/SY

Sample : VSTDICC100

Misc : 5.00G/5ML/MSVOA_W/SOIL

ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: May 15 02:28:58 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M

Quant Title : SW846 8260

QLast Update : Tue May 15 02:22:37 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	245937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	367216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	342248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	191605	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	260410	100.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.94%	
35) Dibromofluoromethane	7.88	113	238363	101.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.90%	
50) Toluene-d8	10.33	98	930158	104.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.16%	
62) 4-Bromofluorobenzene	12.63	95	343854	106.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	97776	105.87	ug/l	99
3) Chloromethane	2.21	50	172287	92.71	ug/l	95
4) Vinyl Chloride	2.36	62	288399	94.62	ug/l	97
5) Bromomethane	2.76	94	226874	91.85	ug/l	95
6) Chloroethane	2.92	64	200222	96.44	ug/l	97
7) Trichlorofluoromethane	3.24	101	125890	99.14	ug/l	98
8) Diethyl Ether	3.67	74	165395	115.62	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.04	101	201871	91.01	ug/l	99
10) Methyl Iodide	4.26	142	319455	89.49	ug/l	100
11) Tert butyl alcohol	5.18	59	92260	475.77	ug/l	99
12) 1,1-Dichloroethene	4.03	96	196321	89.73	ug/l	95
13) Acrolein	3.89	56	89099	537.15	ug/l	99
14) Allyl chloride	4.65	41	309590	95.92	ug/l	100
15) Acrylonitrile	5.36	53	264366	472.63	ug/l	99
16) Acetone	4.12	43	238066	460.09	ug/l	99
17) Carbon Disulfide	4.37	76	539795	85.62	ug/l	100
18) Methyl Acetate	4.67	43	175089	113.18	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	379103	97.67	ug/l	100
20) Methylene Chloride	4.90	84	206899	85.15	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	213231	90.16	ug/l	98
22) Diisopropyl ether	6.31	45	683232	96.23	ug/l	99
23) Vinyl Acetate	6.25	43	2075251	486.00	ug/l	100
24) 1,1-Dichloroethane	6.21	63	399840	93.12	ug/l	99
25) 2-Butanone	7.17	43	370261	484.78	ug/l	99
26) 1,2-Dichloropropane	7.16	77	212042	97.44	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	247032	92.30	ug/l	100
28) Bromochloromethane	7.51	49	177982	91.10	ug/l	99
29) Tetrahydrofuran	7.53	42	241619	484.84	ug/l	99
30) Chloroform	7.67	83	425838	94.51	ug/l	97
31) Cyclohexane	7.95	56	327692	85.71	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	321942	94.68	ug/l	100
36) 1,1-Dichloropropene	8.08	75	313674	94.70	ug/l	99
37) Ethyl Acetate	7.26	43	157126	96.45	ug/l	99
38) Carbon Tetrachloride	8.07	117	317685	98.85	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	375194	97.38	ug/l	99
40) Benzene	8.32	78	914384	94.92	ug/l	99
41) Methacrylonitrile	7.48	41	92916	101.59	ug/l	98
42) 1,2-Dichloroethane	8.40	62	287617	95.17	ug/l	100
43) Isopropyl Acetate	8.43	43	310756	100.57	ug/l	99
44) Trichloroethene	9.09	130	251387	95.45	ug/l	96
45) 1,2-Dichloropropane	9.37	63	233338	96.17	ug/l	100
46) Dibromomethane	9.46	93	131858	96.95	ug/l	98
47) Bromodichloromethane	9.65	83	319185	99.64	ug/l	99
48) Methyl methacrylate	9.44	41	154848	103.38	ug/l	99
49) 1,4-Dioxane	9.45	88	45460	2071.38	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	871086	508.90	ug/l	100
52) Toluene	10.40	92	589662	96.38	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	332634	104.77	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	365601	101.37	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	184225	96.09	ug/l	97
56) Ethyl methacrylate	10.65	69	244210	102.89	ug/l	99
57) 1,3-Dichloropropane	10.94	76	315033	96.83	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	609182	527.99	ug/l	99
59) 2-Hexanone	10.98	43	608410	518.74	ug/l	99
60) Dibromochloromethane	11.13	129	229614	101.36	ug/l	98
61) 1,2-Dibromoethane	11.24	107	183382	98.18	ug/l	99
64) Tetrachloroethene	10.87	164	234405	90.22	ug/l	98
65) Chlorobenzene	11.66	112	669824	96.31	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	251658	101.26	ug/l	99
67) Ethyl Benzene	11.74	91	1200776	100.22	ug/l	97
68) m/p-Xylenes	11.85	106	922185	199.63	ug/l	100
69) o-Xylene	12.18	106	443802	100.97	ug/l	100
70) Styrene	12.19	104	751945	103.13	ug/l	100
71) Bromoform	12.36	173	150671	104.90	ug/l #	99
73) Isopropylbenzene	12.48	105	1227128	98.96	ug/l	99
74) N-amyl acetate	12.28	43	313202	100.08	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	232020	95.74	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	309842	174.99	ug/l #	100
77) Bromobenzene	12.76	156	296186	94.65	ug/l	99
78) n-propylbenzene	12.82	91	1469395	99.95	ug/l	100
79) 2-Chlorotoluene	12.90	91	828961	98.10	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	1040426	99.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	71088	109.10	ug/l	98
82) 4-Chlorotoluene	13.00	91	883965	98.20	ug/l	99
83) tert-Butylbenzene	13.22	119	901131	100.42	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1081536	99.88	ug/l	100
85) sec-Butylbenzene	13.40	105	1286806	100.15	ug/l	100
86) p-Isopropyltoluene	13.51	119	1173745	101.95	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	603456	97.46	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	589002	95.21	ug/l	100
89) n-Butylbenzene	13.83	91	1095995	101.79	ug/l	100
90) Hexachloroethane	14.10	117	207203	100.73	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	535323	94.95	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.50	75	41337	98.59	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW051518\
Quantitation Report (Not Reviewed)

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Quant Title : SW846 8260
QLast Update : Tue May 15 02:22:37 2018
Response via : Initial Calibration

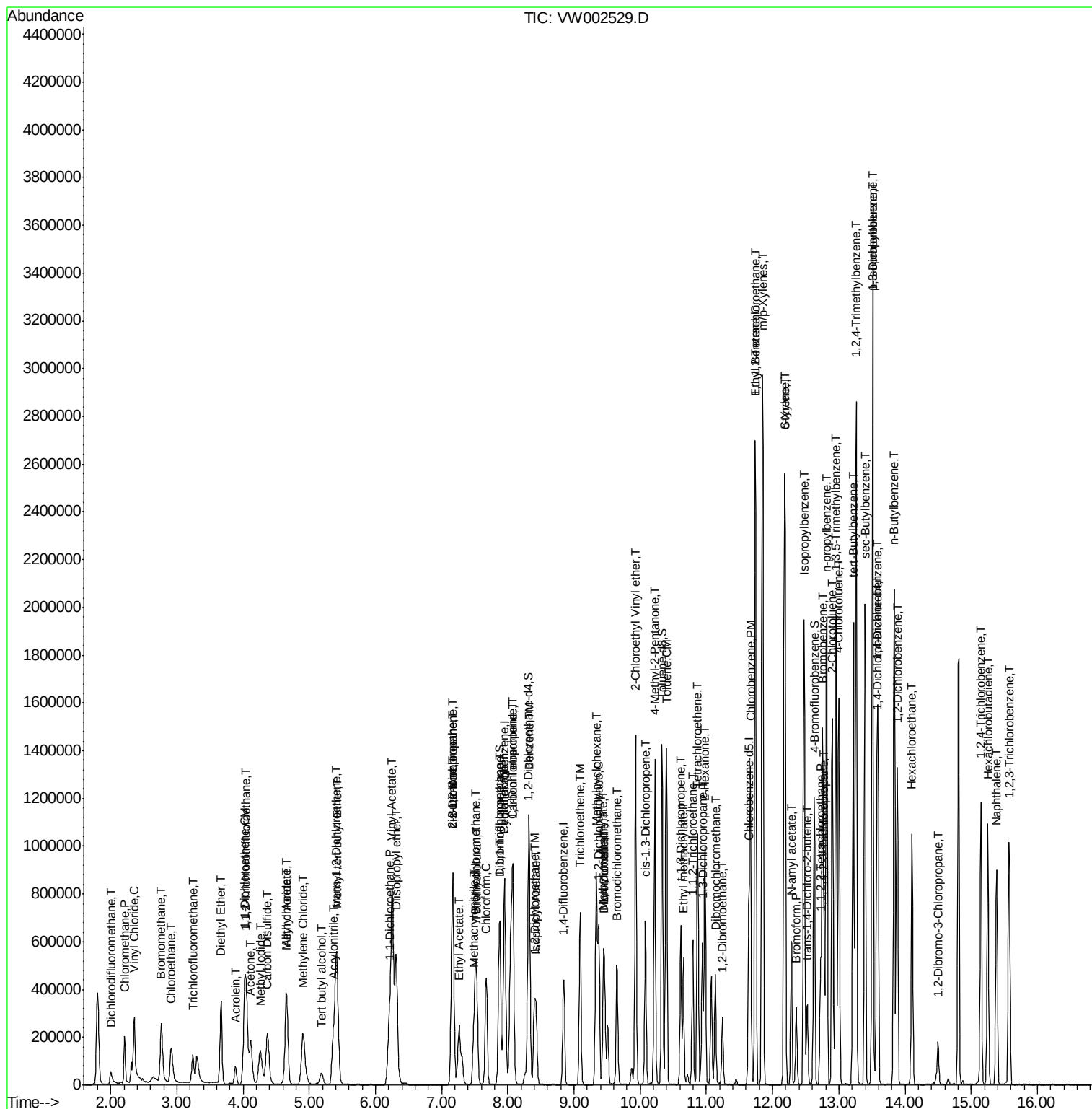
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	392241	97.05	ug/l	99
94) Hexachlorobutadiene	15.26	225	214471	95.31	ug/l	100
95) Naphthalene	15.38	128	749476	100.45	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	344418	94.97	ug/l	98

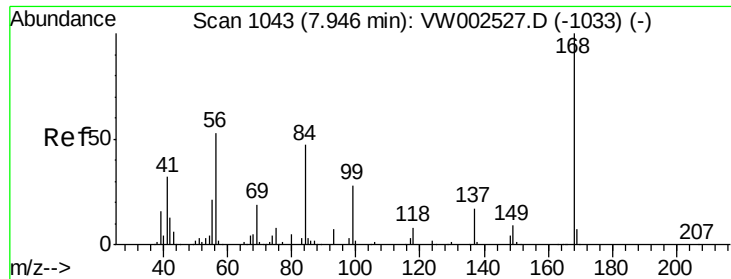
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW002529.D
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

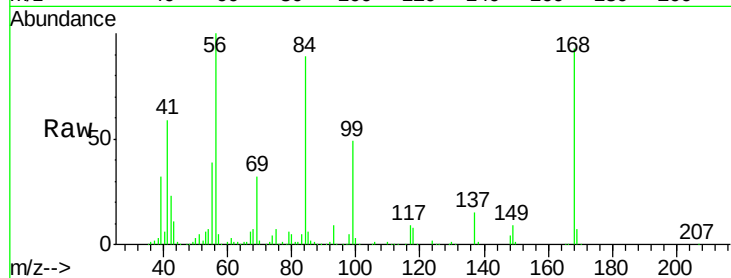
VSTDICC100

Tgt Ion:168 Resp: 245937

Ion Ratio Lower Upper

168 100

99 53.1 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

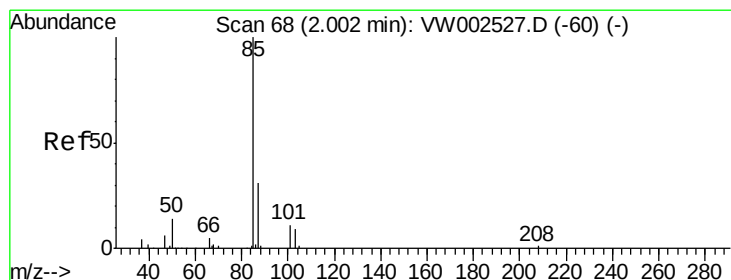
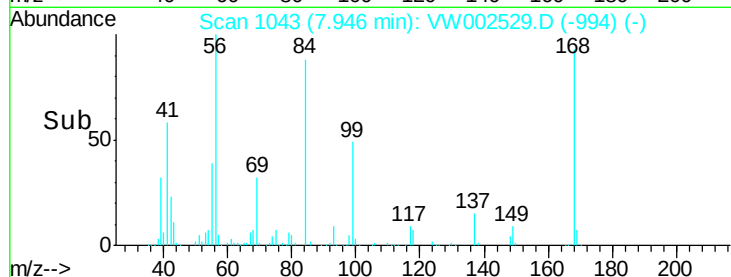
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 105.87 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW002529.D

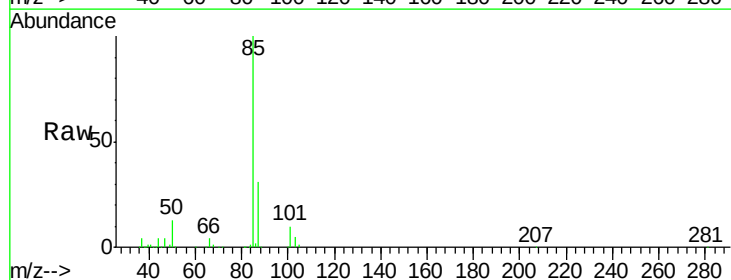
Acq: 14 May 2018 22:56

Tgt Ion: 85 Resp: 97776

Ion Ratio Lower Upper

85 100

87 31.5 15.4 46.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

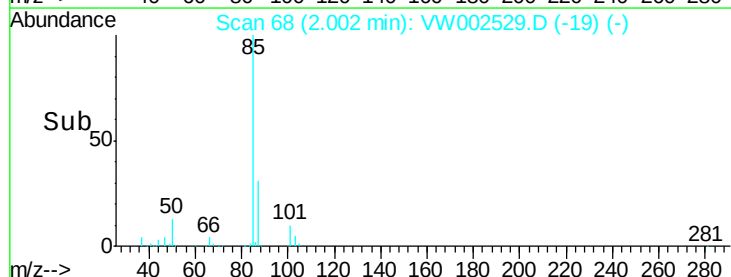
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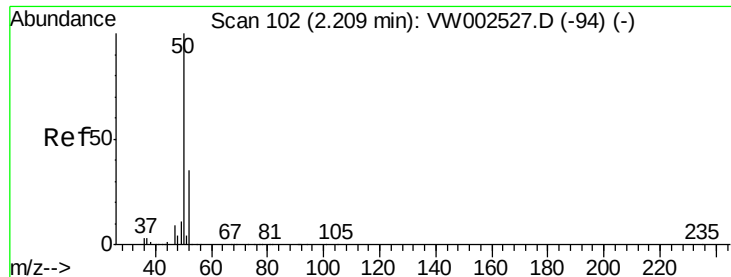
20000

10000

0

Time-->





#3

Chloromethane

Concen: 92.71 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

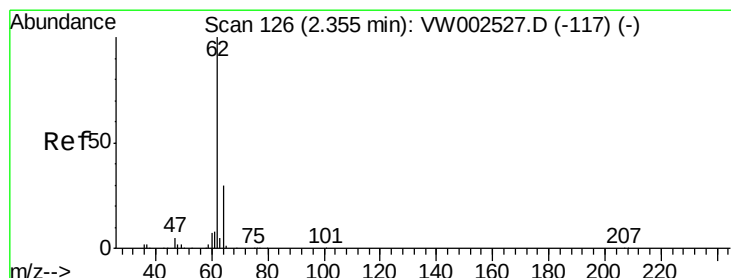
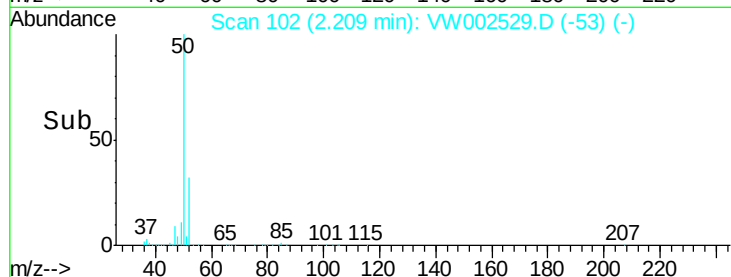
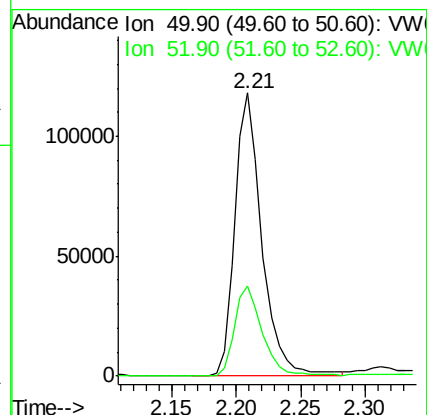
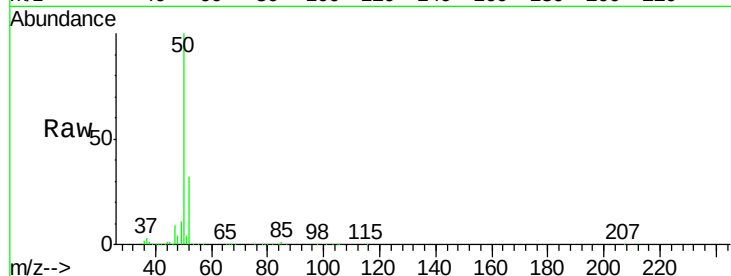
VSTDIC100

Tgt Ion: 50 Resp: 172287

Ion Ratio Lower Upper

50 100

52 32.0 27.8 41.8



#4

Vinyl Chloride

Concen: 94.62 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002529.D

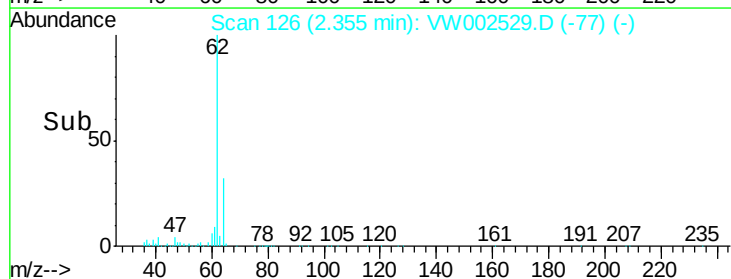
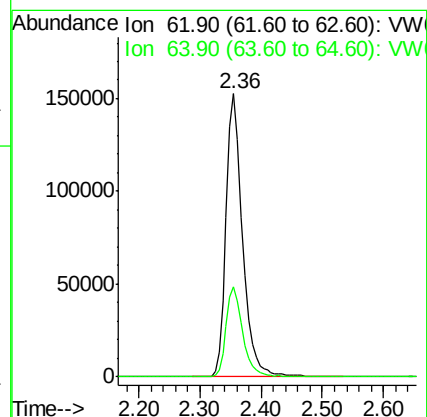
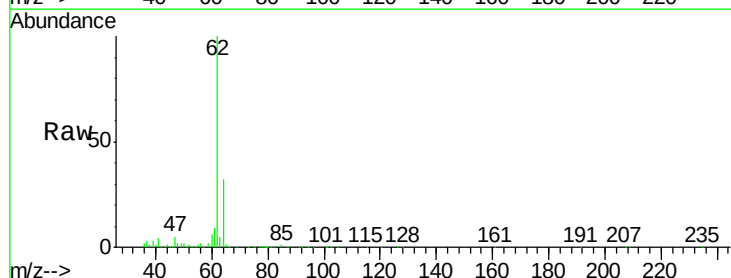
Acq: 14 May 2018 22:56

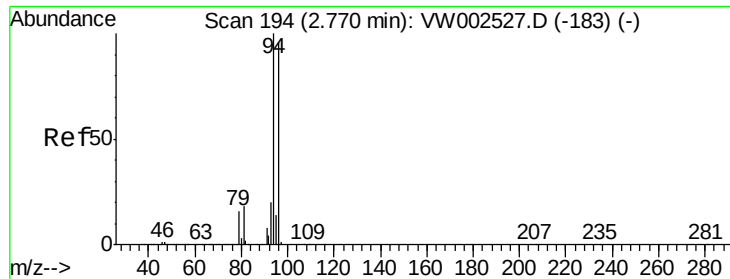
Tgt Ion: 62 Resp: 288399

Ion Ratio Lower Upper

62 100

64 31.7 24.0 36.0





#5

Bromomethane

Concen: 91.85 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

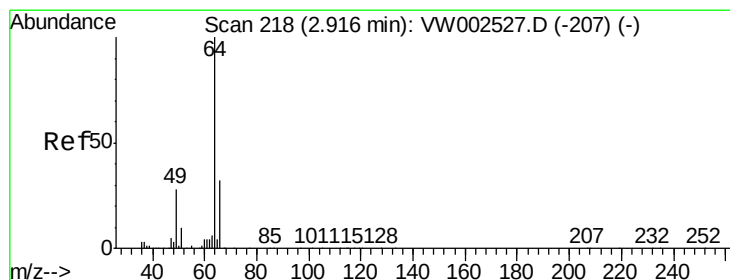
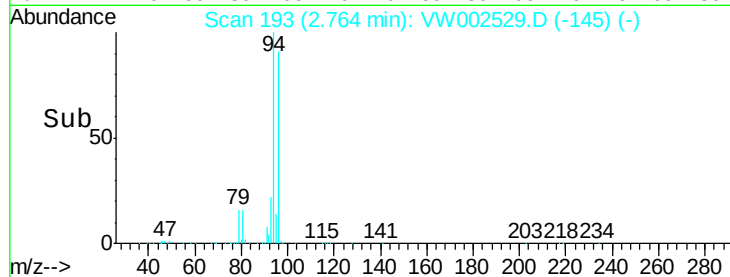
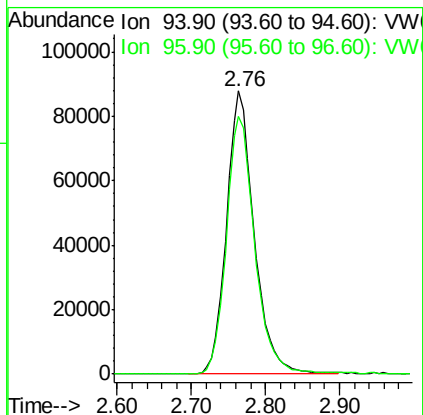
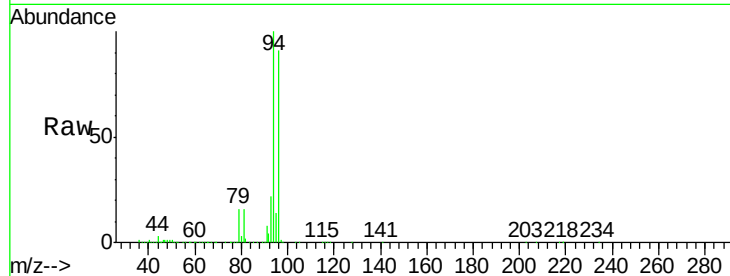
VSTDIC100

Tgt Ion: 94 Resp: 226874

Ion Ratio Lower Upper

94 100

96 91.0 77.0 115.4



#6

Chloroethane

Concen: 96.44 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.00 min

Lab File: VW002529.D

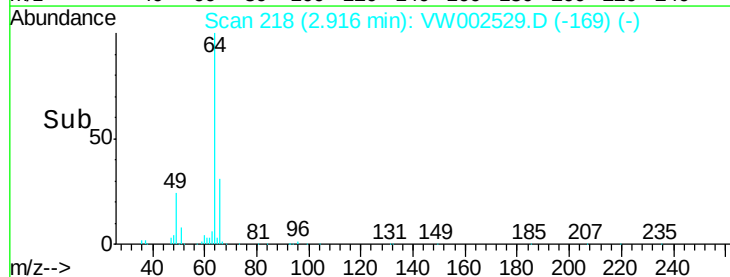
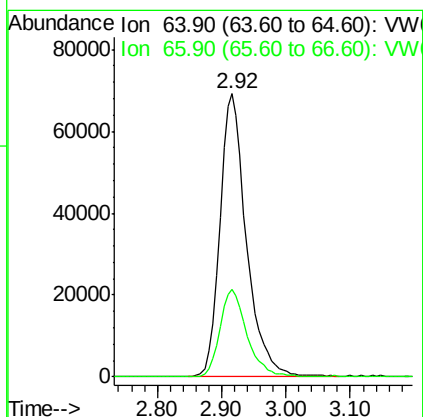
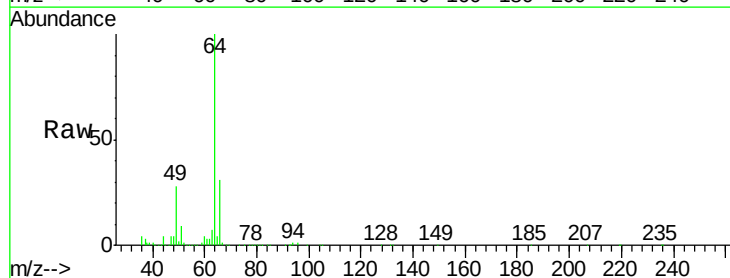
Acq: 14 May 2018 22:56

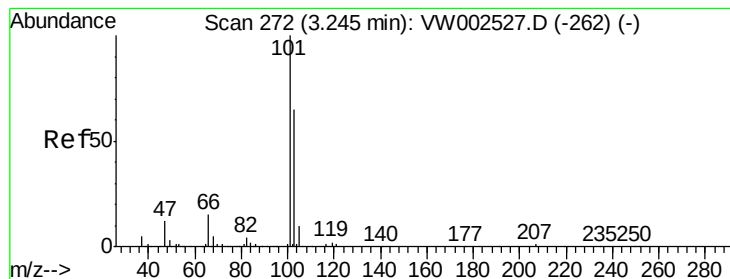
Tgt Ion: 64 Resp: 200222

Ion Ratio Lower Upper

64 100

66 30.9 25.8 38.8



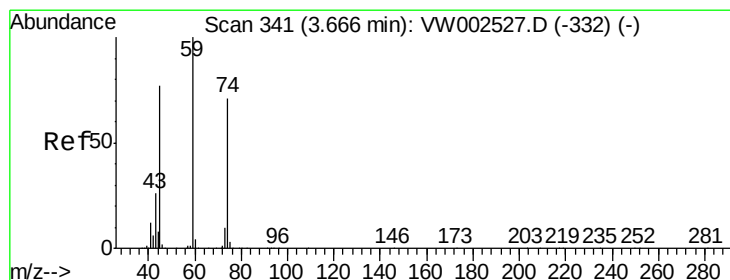
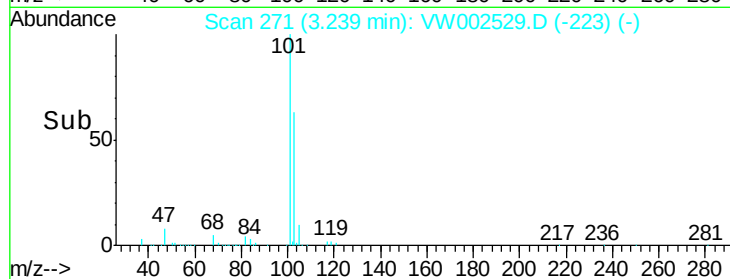
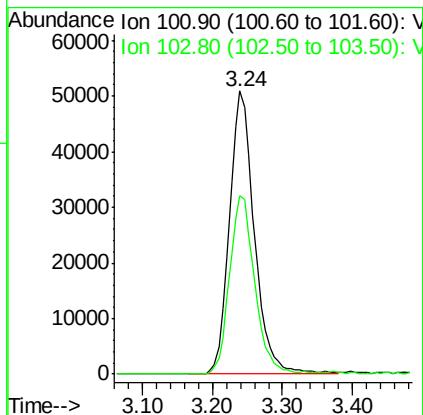
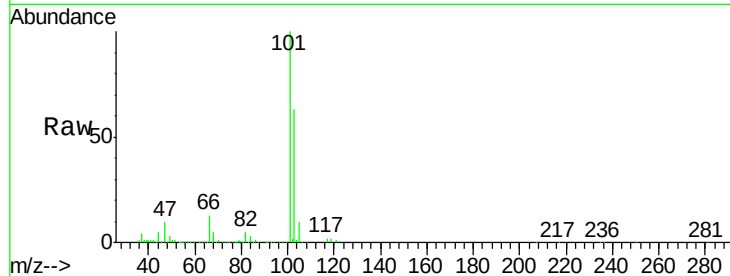


#7

Trichlorofluoromethane
 Concen: 99.14 ug/l
 RT: 3.24 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: VW002529.D
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Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

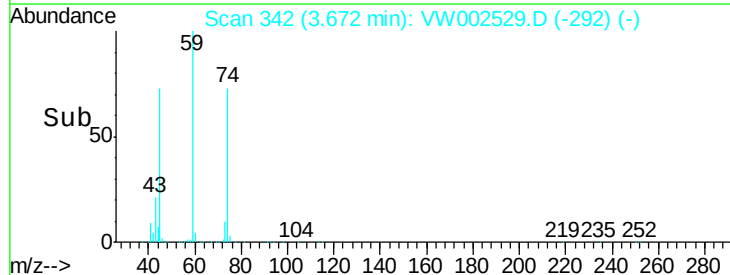
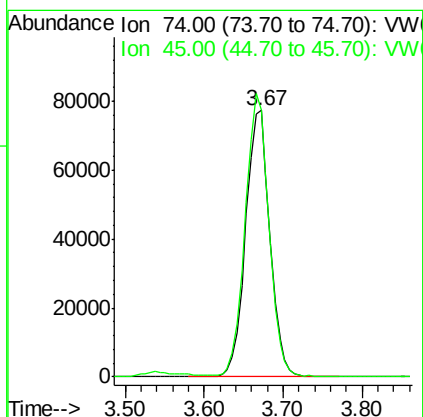
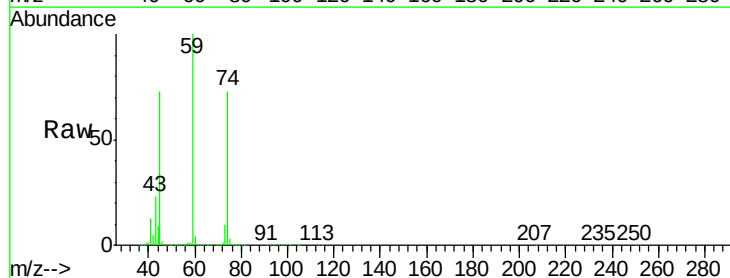
Tgt Ion:101 Resp: 125890
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.8 77.8

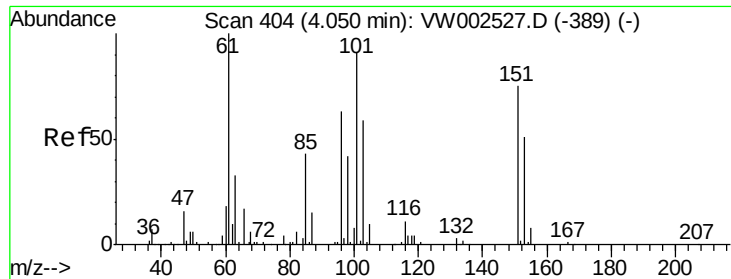


#8

Diethyl Ether
 Concen: 115.62 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

Tgt Ion: 74 Resp: 165395
 Ion Ratio Lower Upper
 74 100
 45 103.7 52.3 156.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 91.01 ug/l

RT: 4.04 min Scan# 403

Delta R.T. -0.01 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

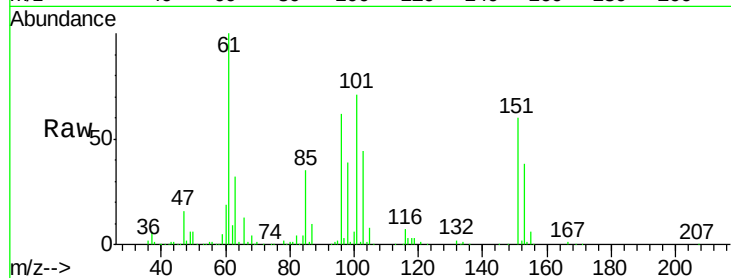
Tgt Ion:101 Resp: 201871

Ion Ratio Lower Upper

101 100

85 45.6 36.5 54.7

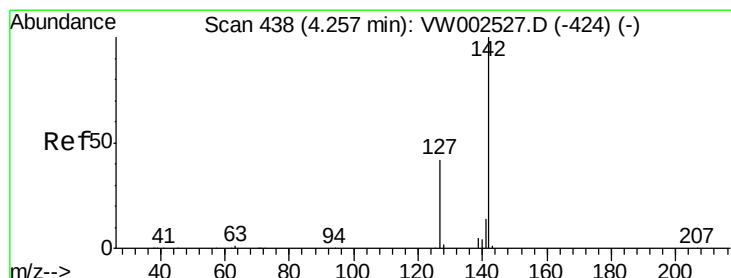
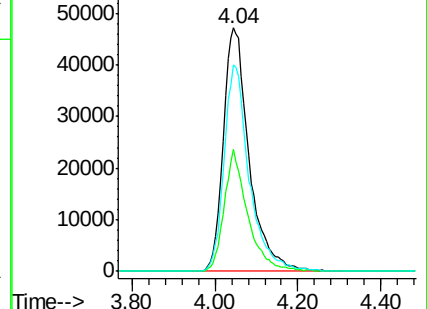
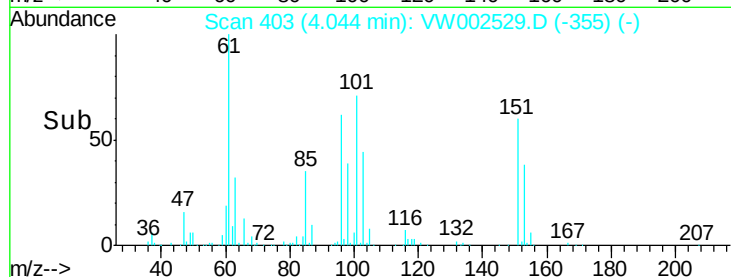
151 82.6 66.7 100.1



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: 89.49 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

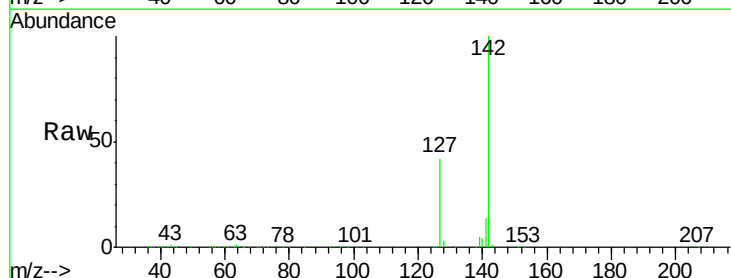
Tgt Ion:142 Resp: 319455

Ion Ratio Lower Upper

142 100

127 43.7 34.6 52.0

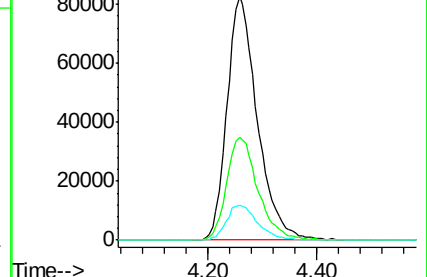
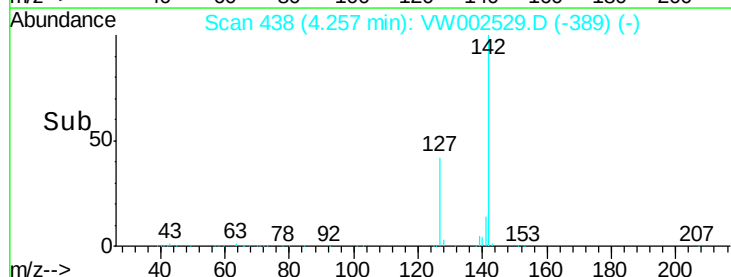
141 14.8 11.8 17.8

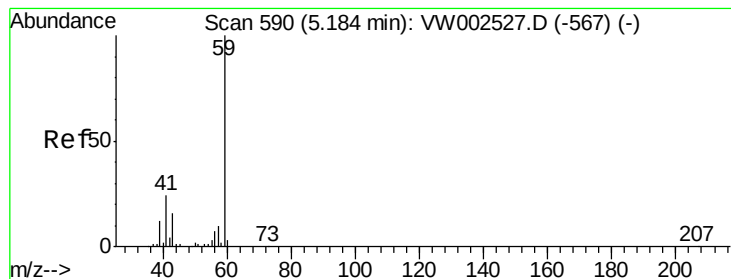


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 475.77 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

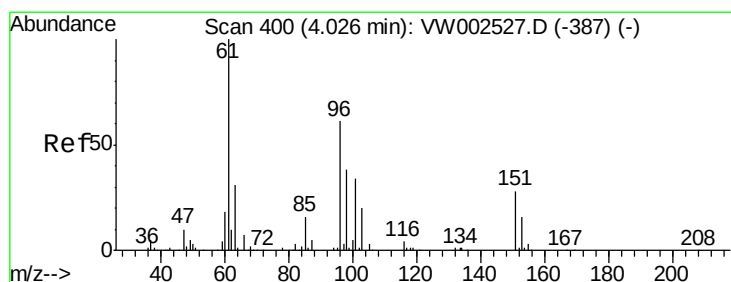
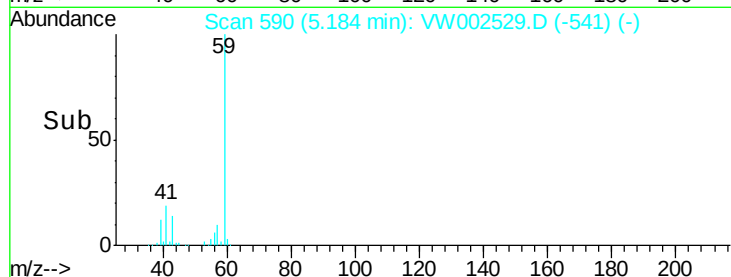
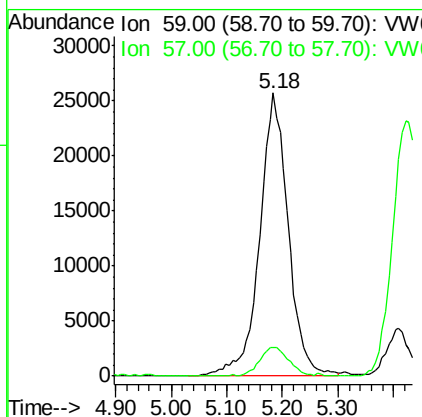
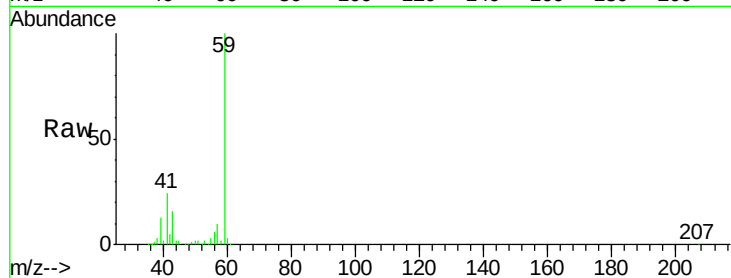
VSTDIC100

Tgt Ion: 59 Resp: 92260

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.4



#12

1,1-Dichloroethene

Concen: 89.73 ug/l

RT: 4.03 min Scan# 400

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

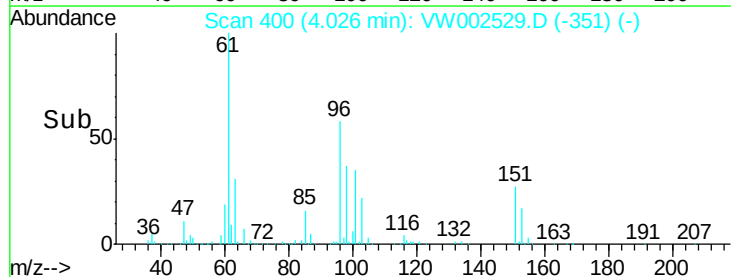
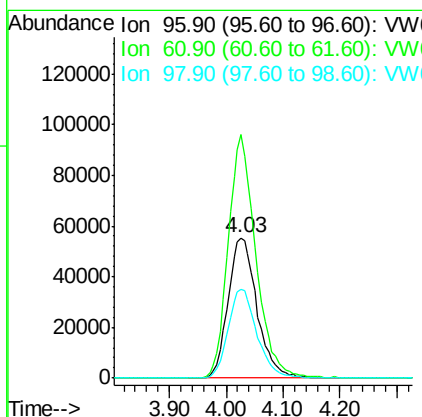
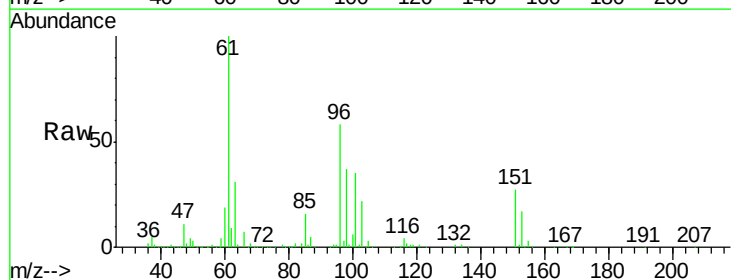
Tgt Ion: 96 Resp: 196321

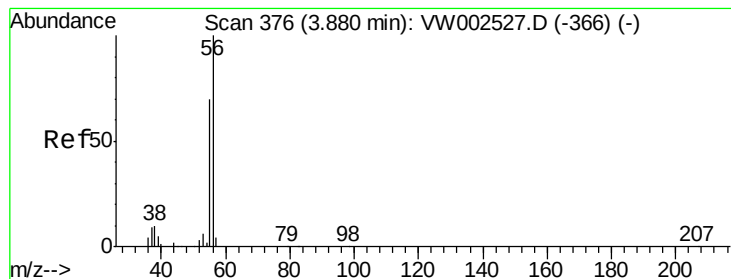
Ion Ratio Lower Upper

96 100

61 173.6 132.2 198.2

98 63.5 50.6 76.0





#13

Acrolein

Concen: 537.15 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.01 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

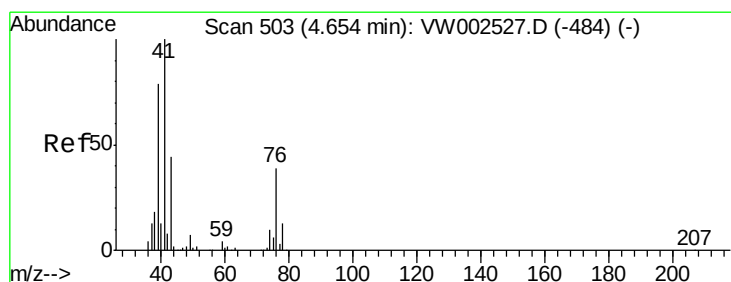
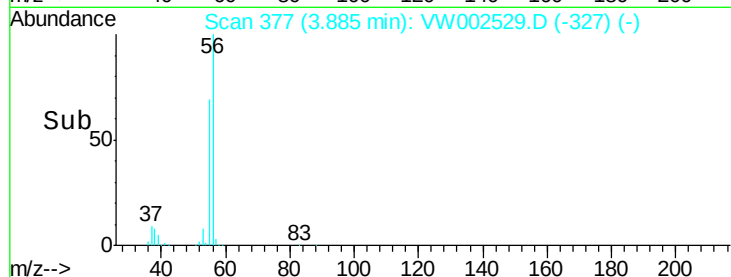
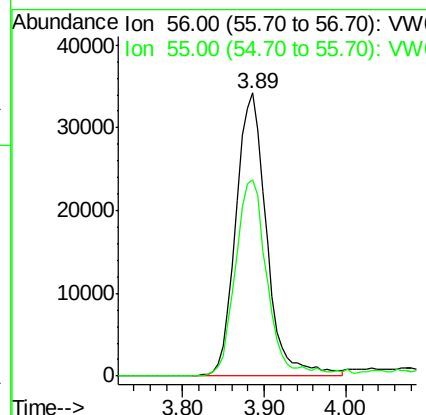
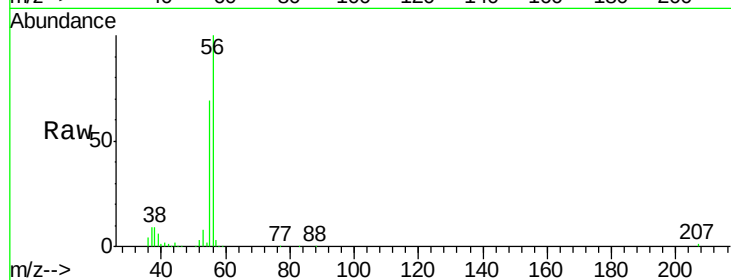
VSTDIC100

Tgt Ion: 56 Resp: 89099

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.4



#14

Allyl chloride

Concen: 95.92 ug/l

RT: 4.65 min Scan# 503

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

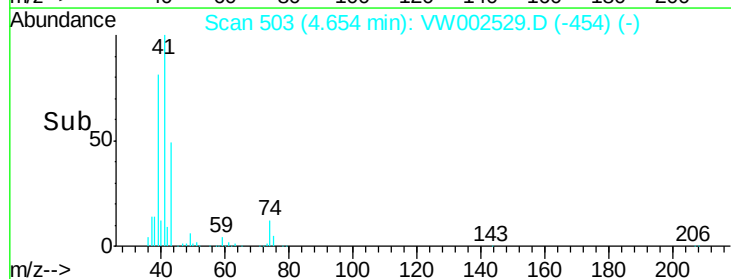
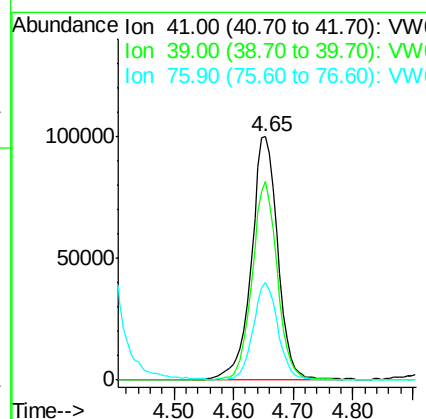
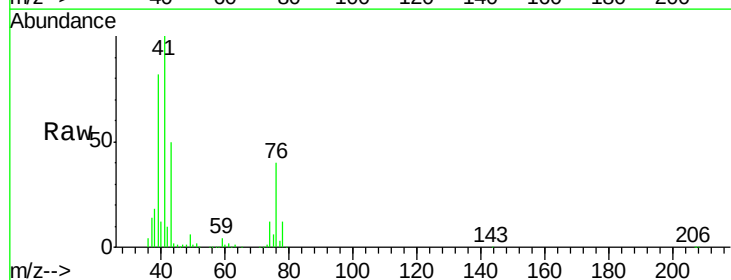
Tgt Ion: 41 Resp: 309590

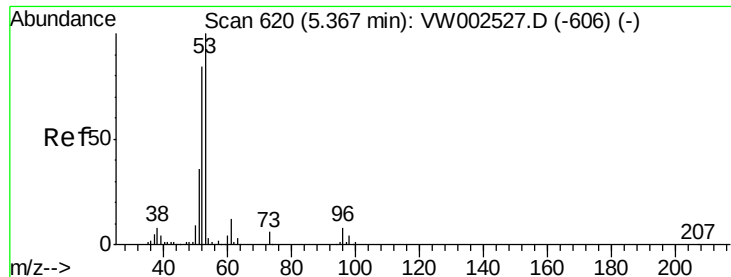
Ion Ratio Lower Upper

41 100

39 77.0 61.4 92.2

76 37.2 29.6 44.4





#15

Acrylonitrile

Concen: 472.63 ug/l

RT: 5.36 min Scan# 619

Delta R.T. -0.01 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

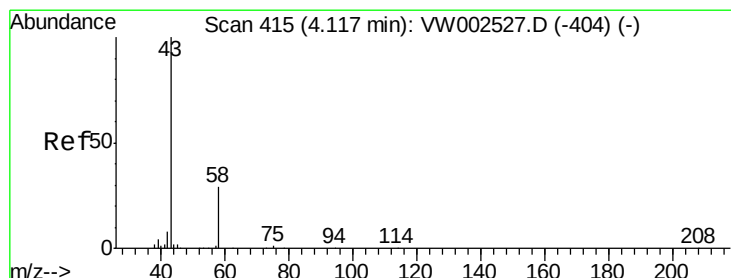
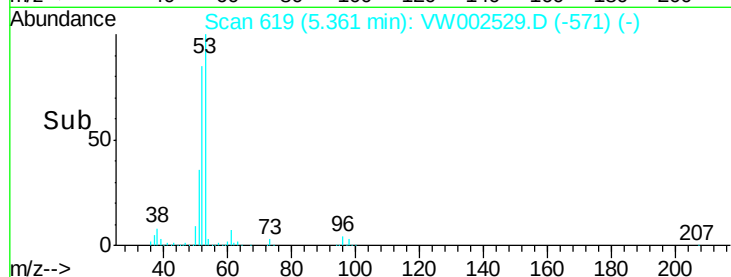
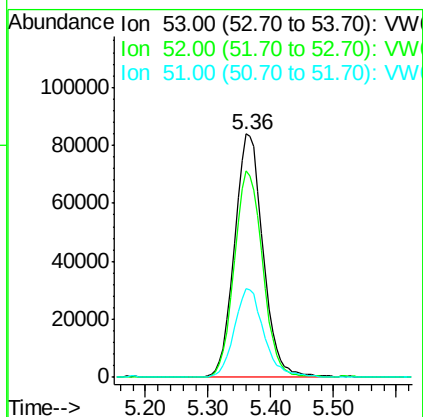
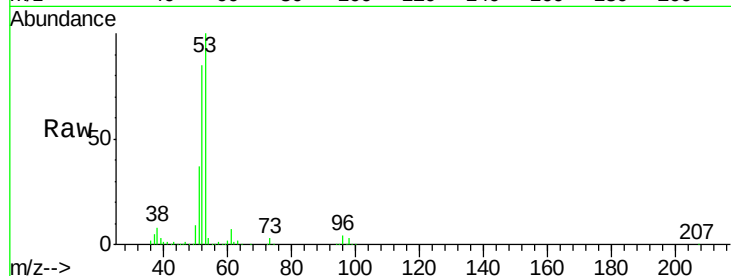
Tgt Ion: 53 Resp: 264366

Ion Ratio Lower Upper

53 100

52 84.5 66.6 100.0

51 37.9 30.6 46.0



#16

Acetone

Concen: 460.09 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.00 min

Lab File: VW002529.D

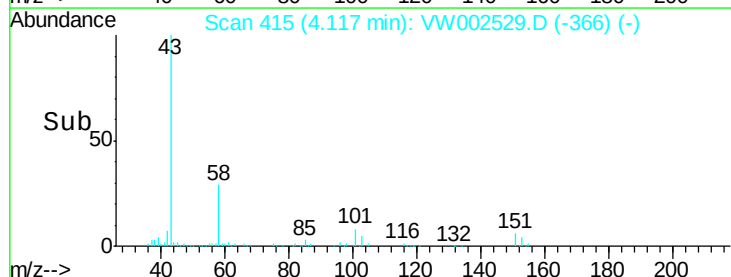
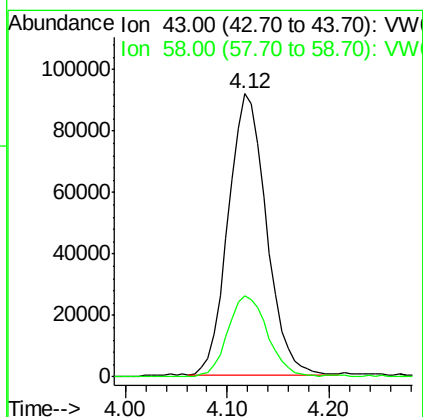
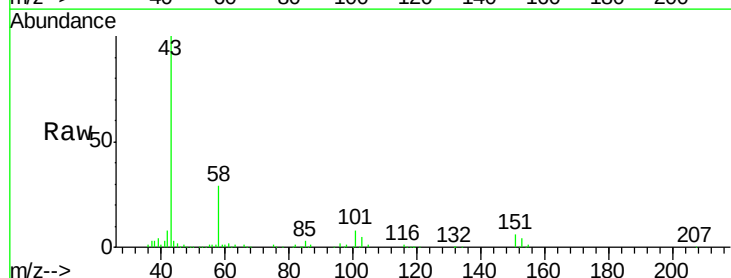
Acq: 14 May 2018 22:56

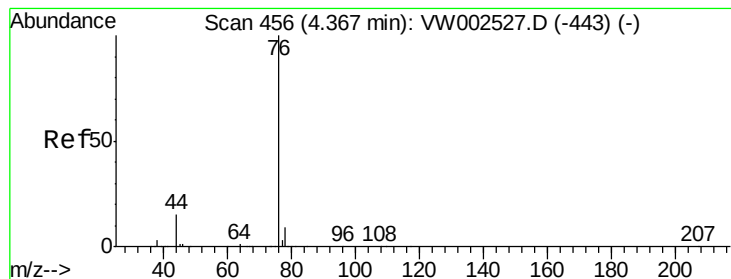
Tgt Ion: 43 Resp: 238066

Ion Ratio Lower Upper

43 100

58 28.7 23.4 35.0





#17

Carbon Disulfide

Concen: 85.62 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

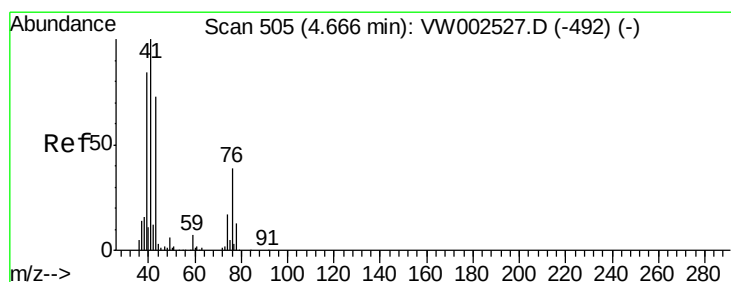
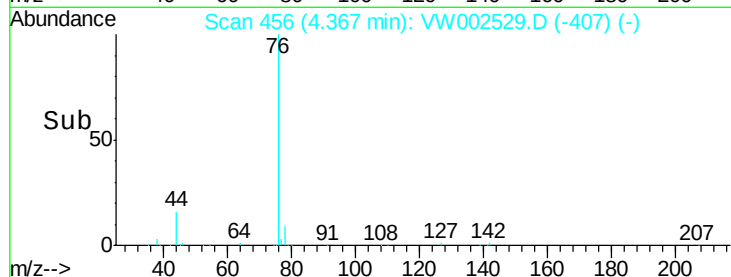
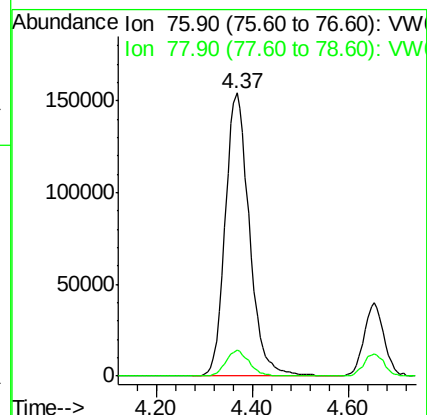
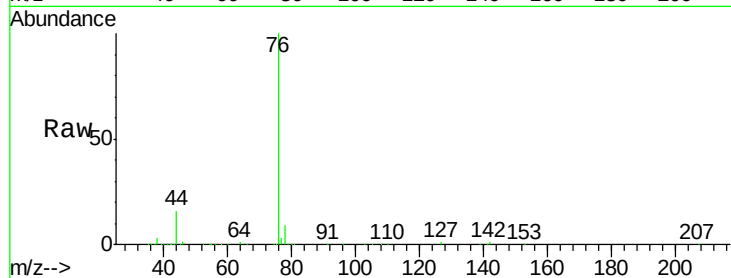
VSTDIC100

Tgt Ion: 76 Resp: 539795

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3



#18

Methyl Acetate

Concen: 113.18 ug/l

RT: 4.67 min Scan# 505

Delta R.T. -0.00 min

Lab File: VW002529.D

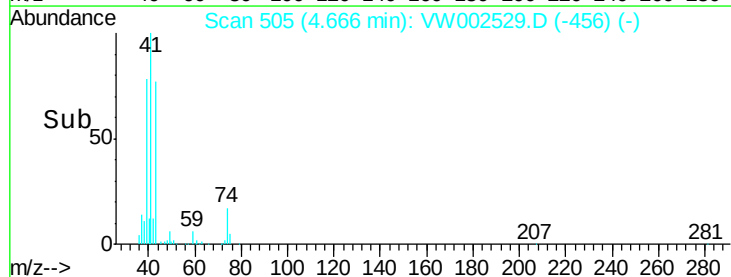
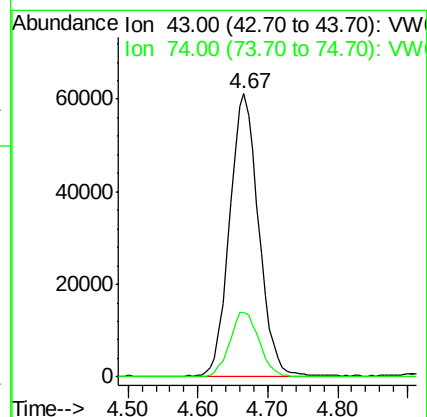
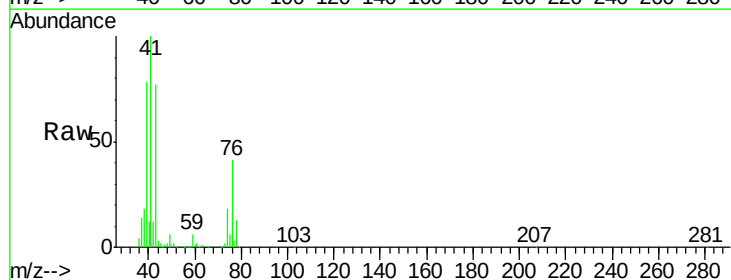
Acq: 14 May 2018 22:56

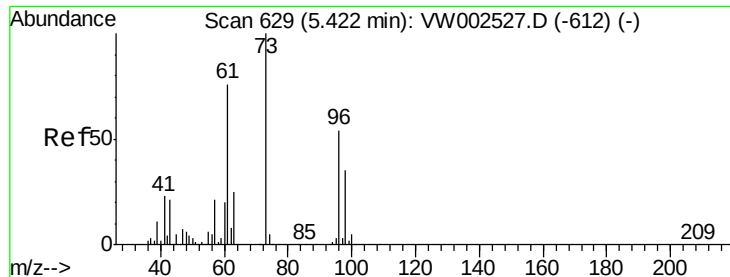
Tgt Ion: 43 Resp: 175089

Ion Ratio Lower Upper

43 100

74 23.4 19.2 28.8

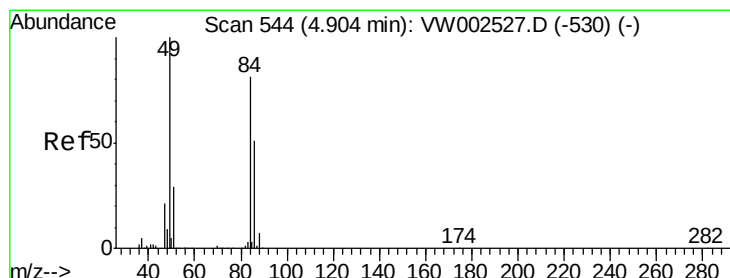
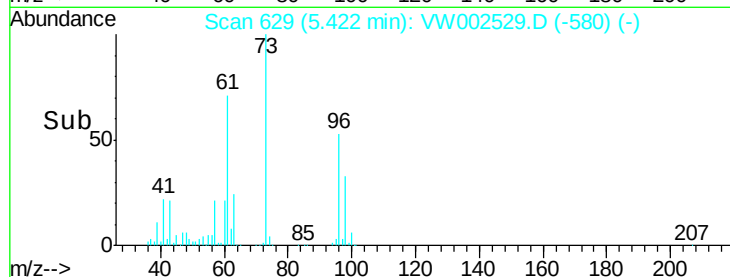
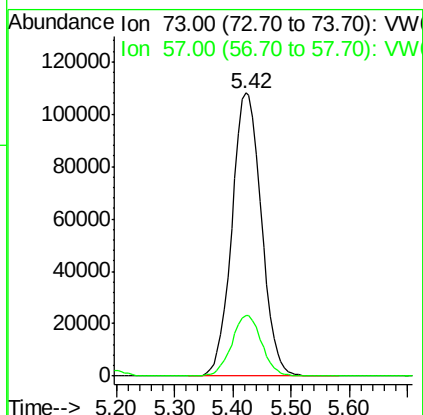
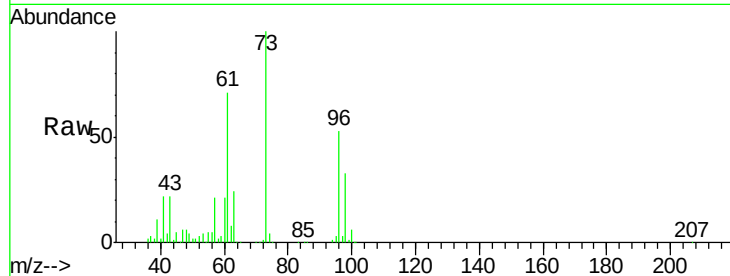




#19
Methyl tert-butyl Ether
Concen: 97.67 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

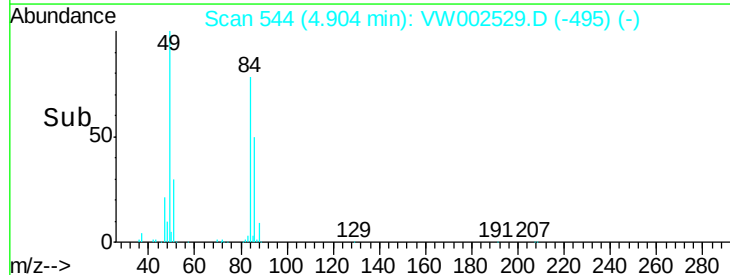
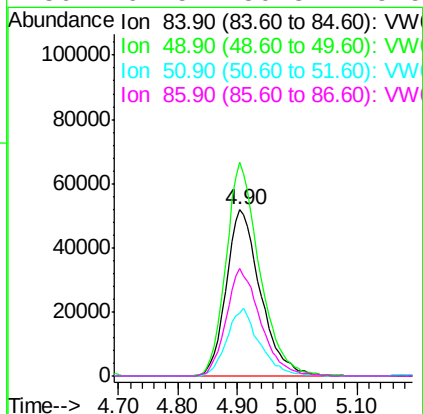
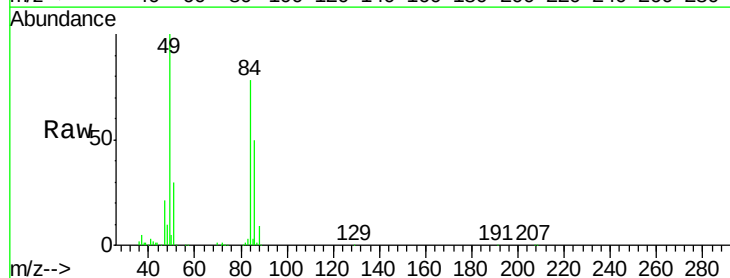
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

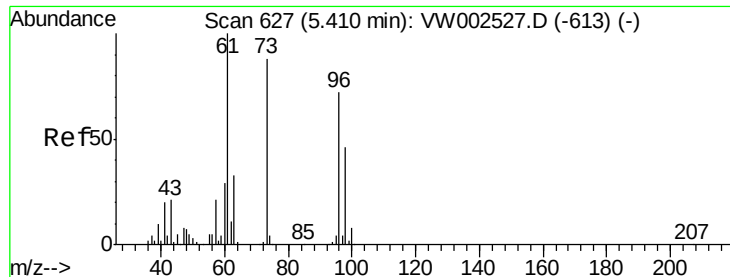
Tgt Ion: 73 Resp: 379103
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.6



#20
Methylene Chloride
Concen: 85.15 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

Tgt Ion: 84 Resp: 206899
Ion Ratio Lower Upper
84 100
49 128.5 99.4 149.0
51 37.9 29.0 43.6
86 64.5 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 90.16 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

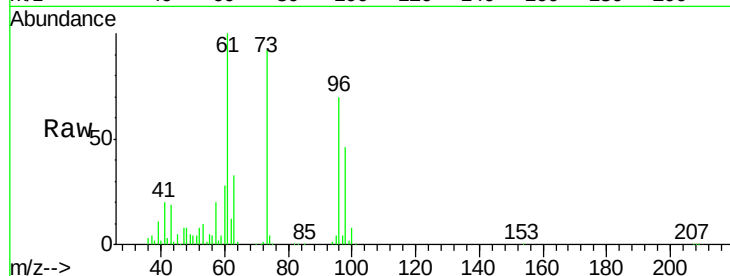
Tgt Ion: 96 Resp: 213231

Ion Ratio Lower Upper

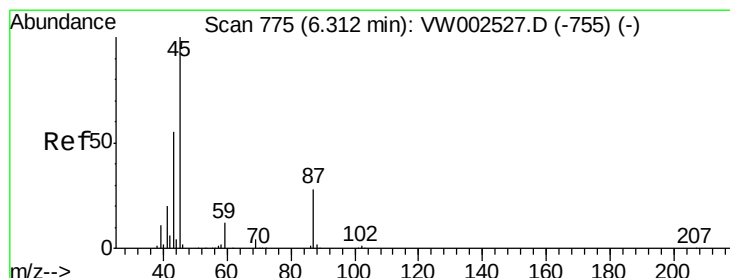
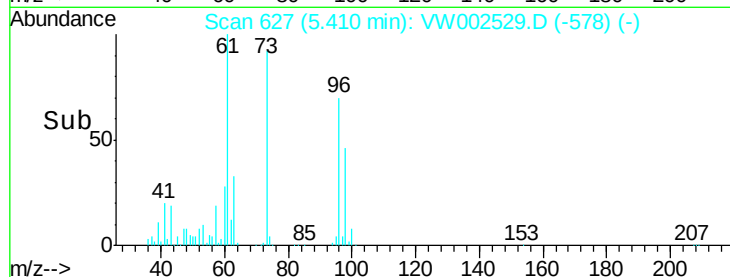
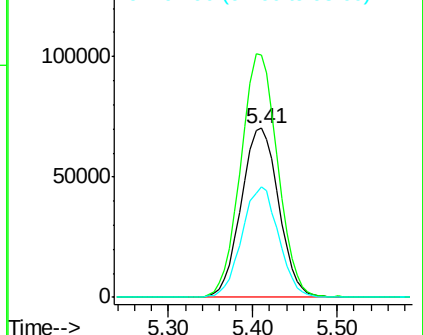
96 100

61 143.3 111.6 167.4

98 65.4 51.7 77.5



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



#22

Diisopropyl ether

Concen: 96.23 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Tgt Ion: 45 Resp: 683232

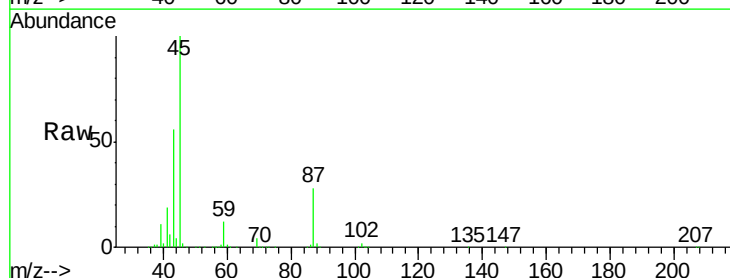
Ion Ratio Lower Upper

45 100

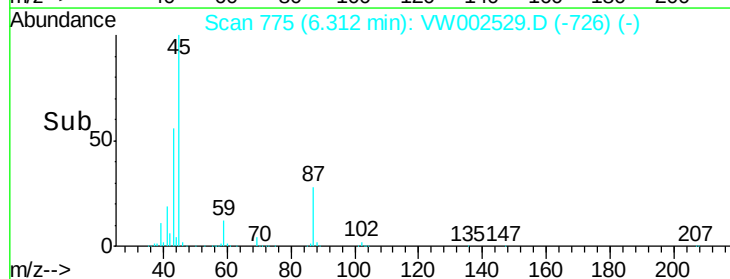
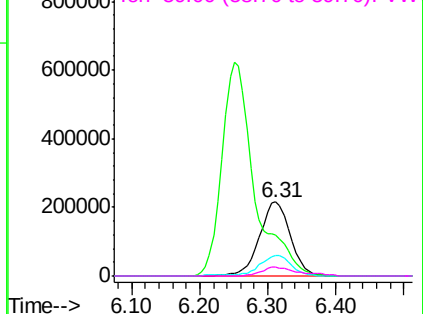
43 55.5 44.4 66.6

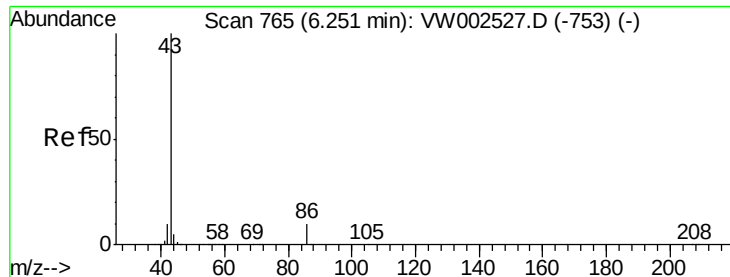
87 27.6 23.0 34.4

59 11.5 9.4 14.2



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: 486.00 ug/l

RT: 6.25 min Scan# 765

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

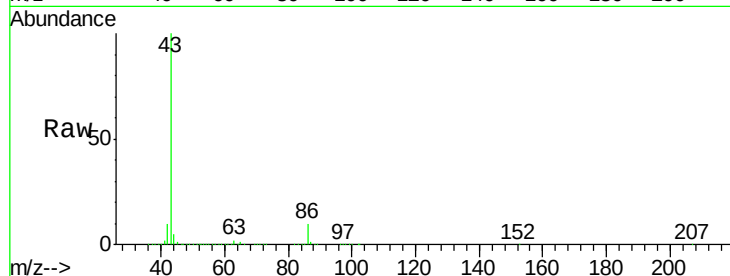
VSTDIC100

Tgt Ion: 43 Resp: 2075251

Ion Ratio Lower Upper

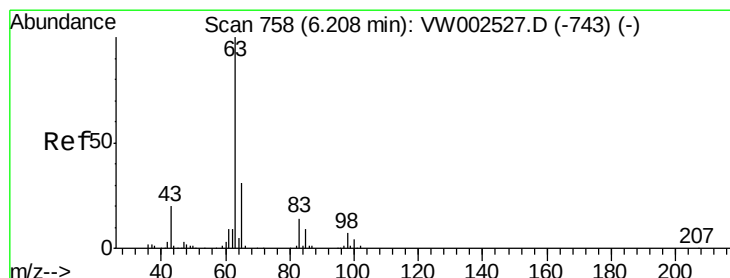
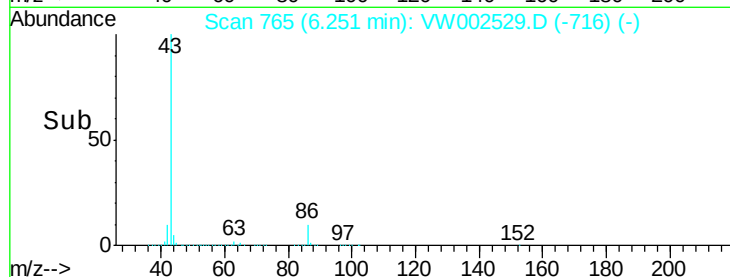
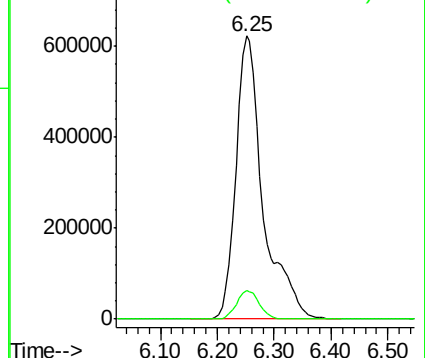
43 100

86 10.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 93.12 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

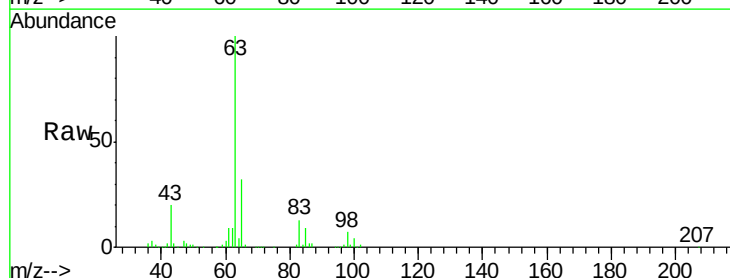
Tgt Ion: 63 Resp: 399840

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

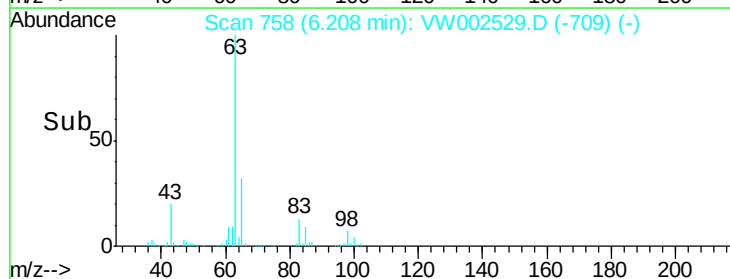
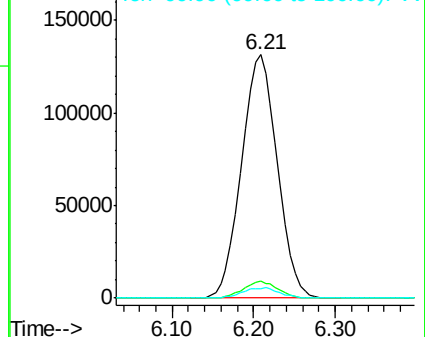
100 4.0 2.1 6.5

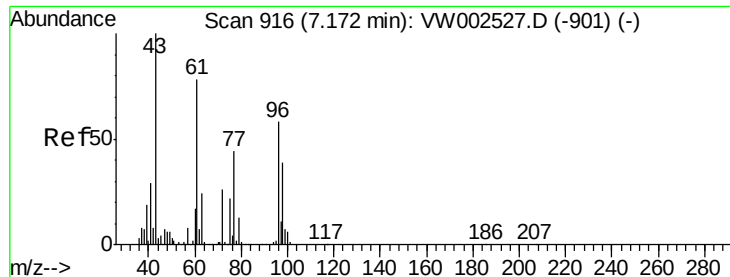


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

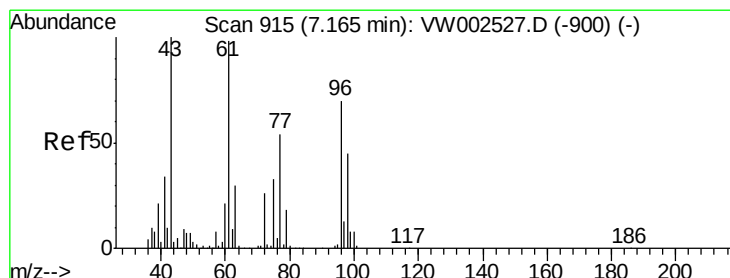
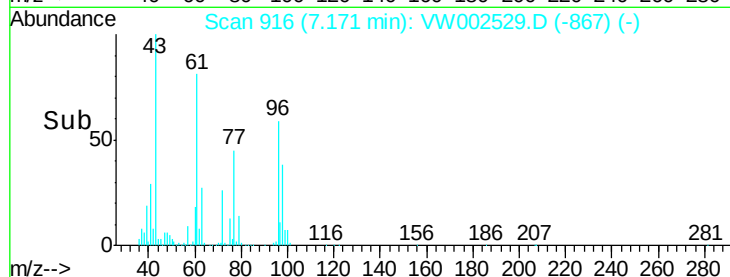
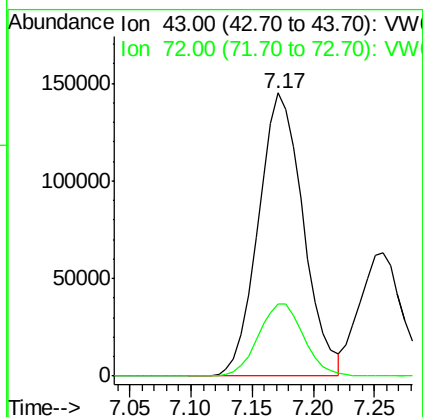
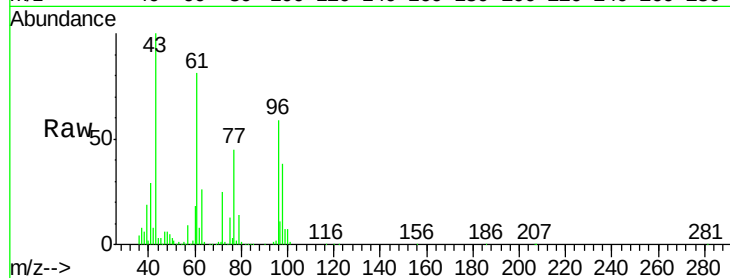




#25
2-Butanone
Concen: 484.78 ug/l
RT: 7.17 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

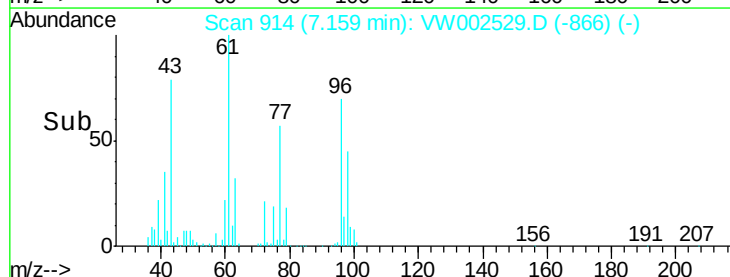
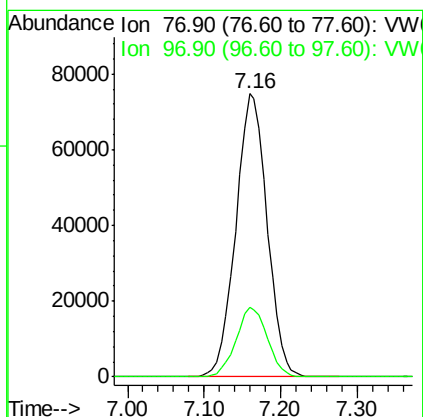
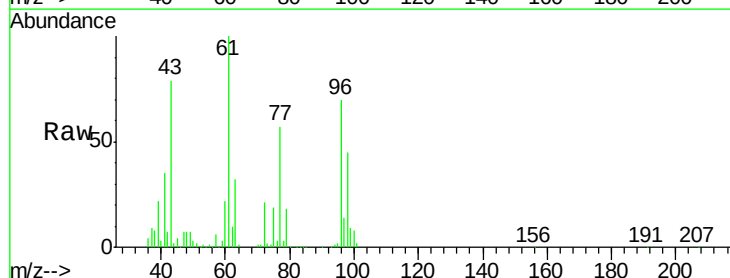
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

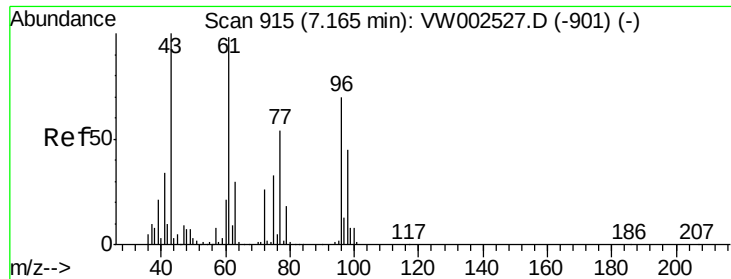
Tgt Ion: 43 Resp: 370261
Ion Ratio Lower Upper
43 100
72 25.5 20.9 31.3



#26
2,2-Dichloropropane
Concen: 97.44 ug/l
RT: 7.16 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

Tgt Ion: 77 Resp: 212042
Ion Ratio Lower Upper
77 100
97 24.4 12.1 36.3



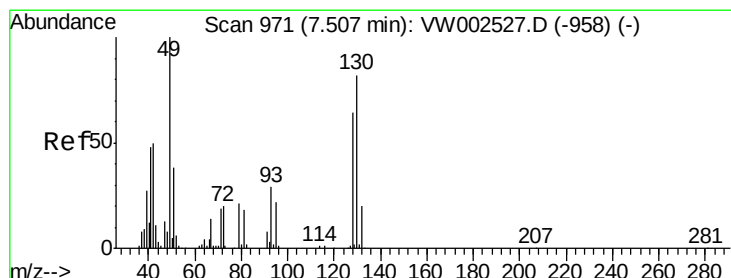
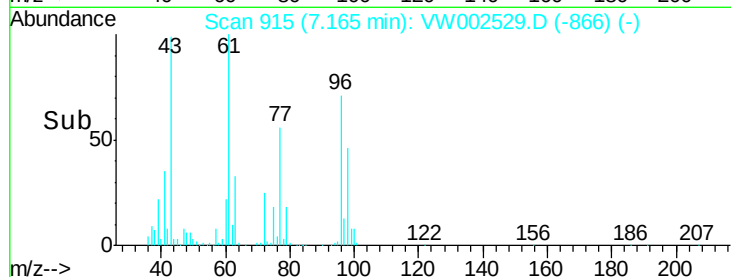
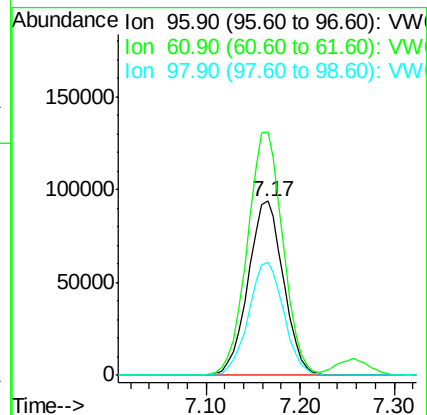
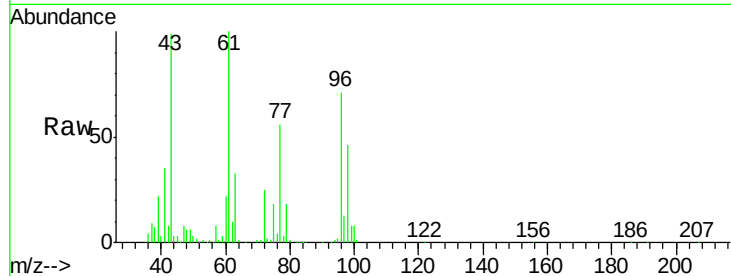


#27

cis-1,2-Dichloroethene
 Concen: 92.30 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

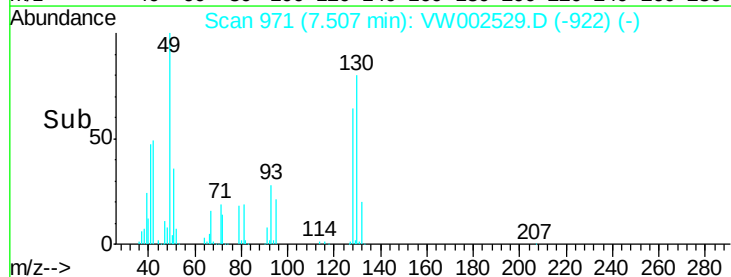
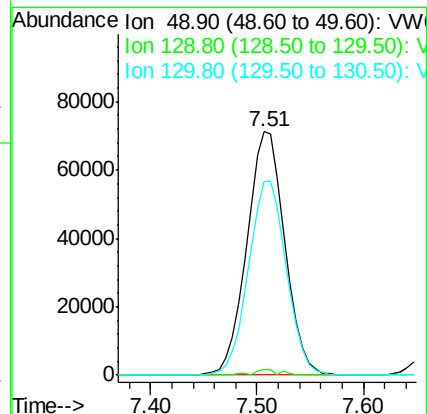
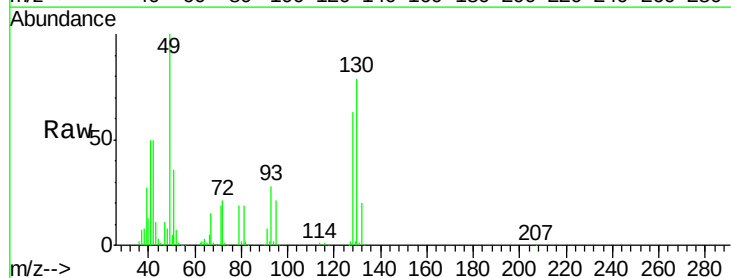
Tgt Ion: 96 Resp: 247032
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 281.6
 98 64.7 0.0 130.8

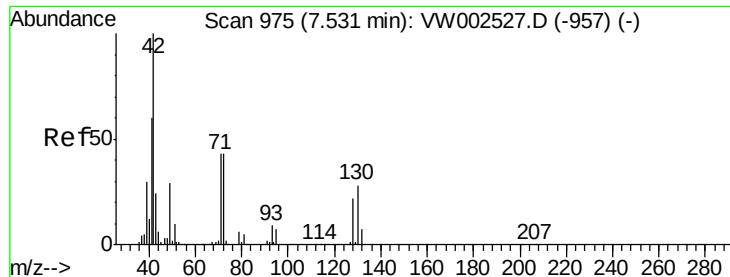


#28

Bromochloromethane
 Concen: 91.10 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

Tgt Ion: 49 Resp: 177982
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.4
 130 79.8 64.7 97.1





#29

Tetrahydrofuran

Concen: 484.84 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

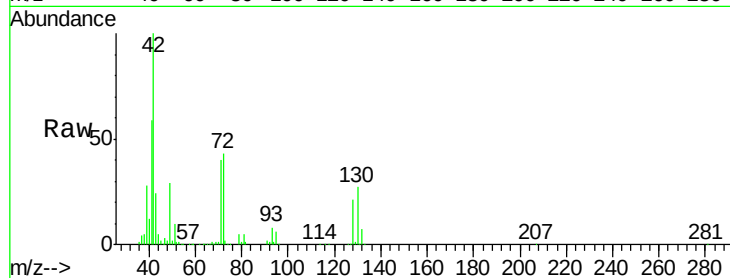
Tgt Ion: 42 Resp: 241619

Ion Ratio Lower Upper

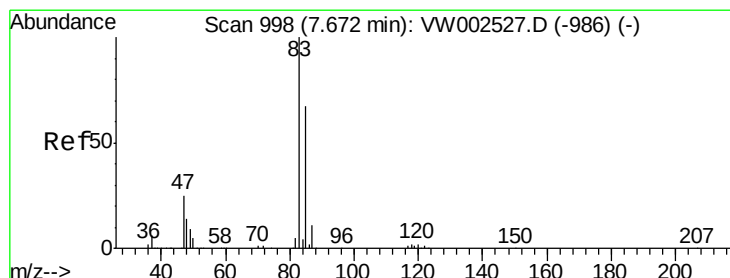
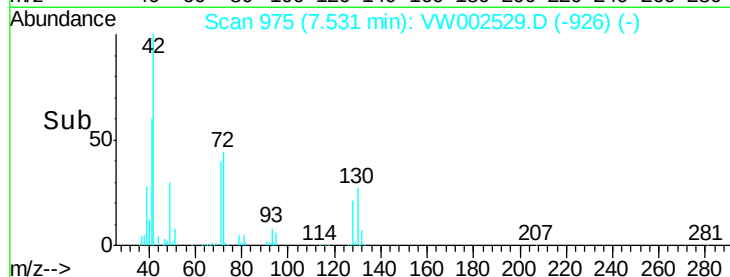
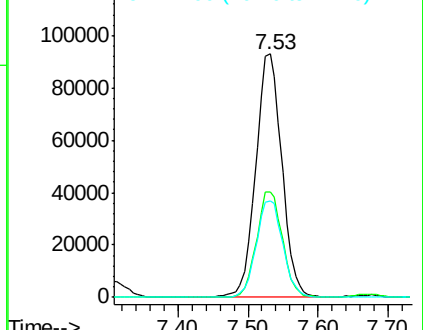
42 100

72 42.9 35.0 52.4

71 40.2 33.0 49.6



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: 94.51 ug/l

RT: 7.67 min Scan# 998

Delta R.T. -0.00 min

Lab File: VW002529.D

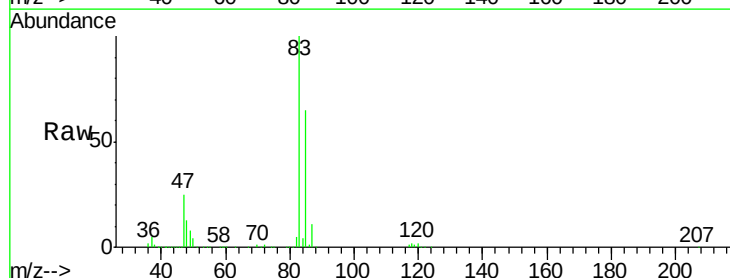
Acq: 14 May 2018 22:56

Tgt Ion: 83 Resp: 425838

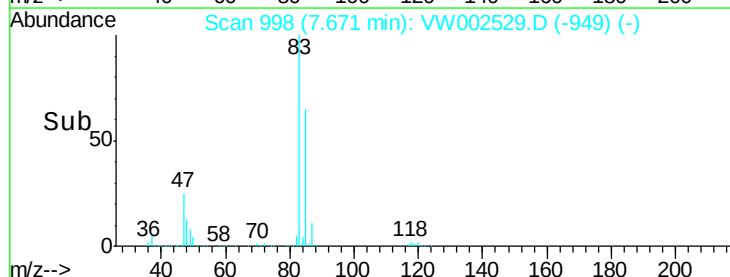
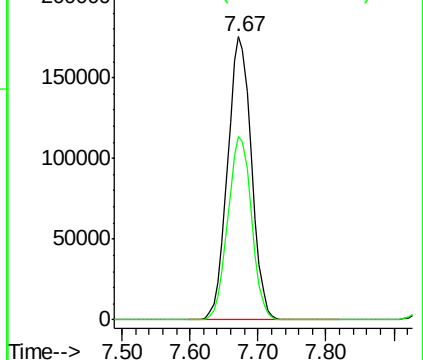
Ion Ratio Lower Upper

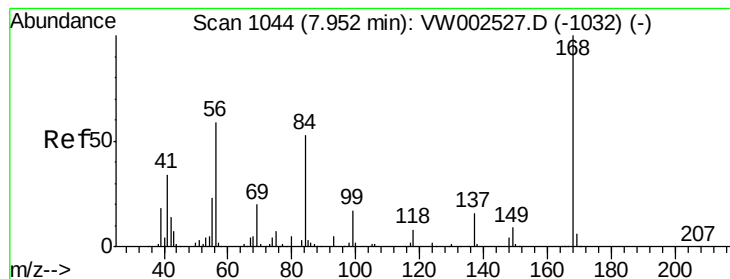
83 100

85 64.8 53.9 80.9



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





#31

Cyclohexane

Concen: 85.71 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

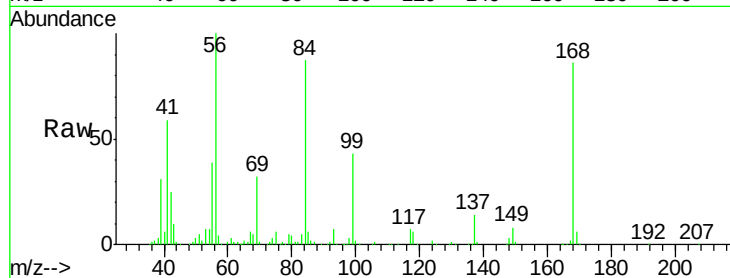
Tgt Ion: 56 Resp: 327692

Ion Ratio Lower Upper

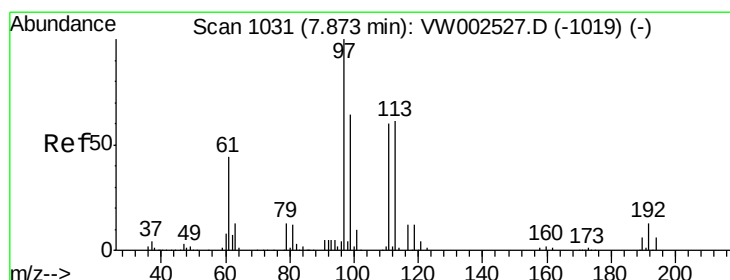
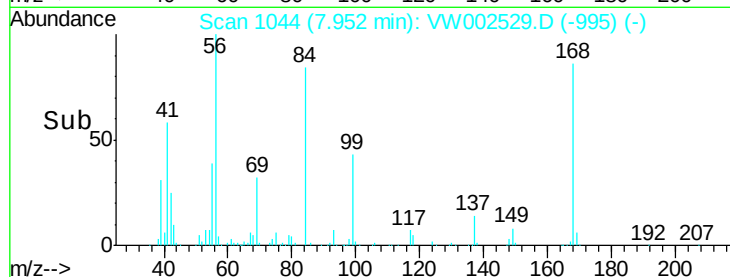
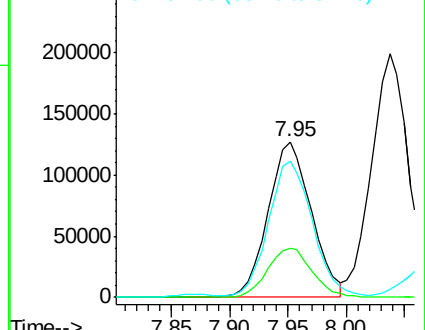
56 100

69 32.0 27.0 40.4

84 85.6 72.2 108.2



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: 94.68 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

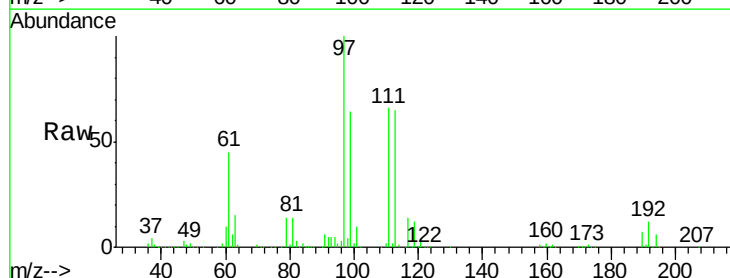
Tgt Ion: 97 Resp: 321942

Ion Ratio Lower Upper

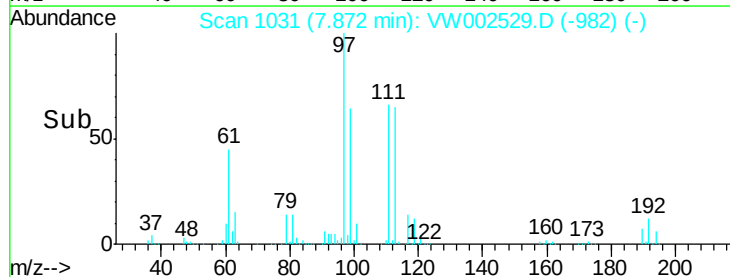
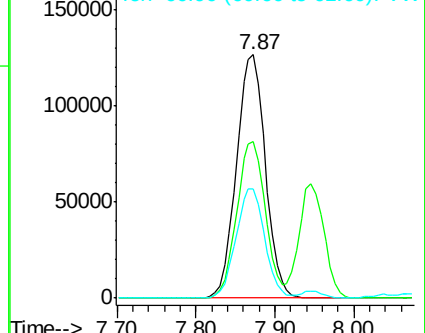
97 100

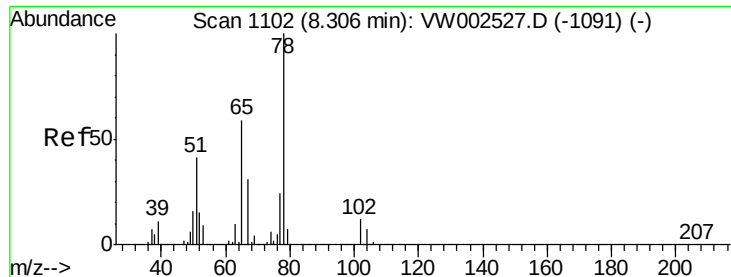
99 63.8 51.1 76.7

61 45.1 35.9 53.9



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

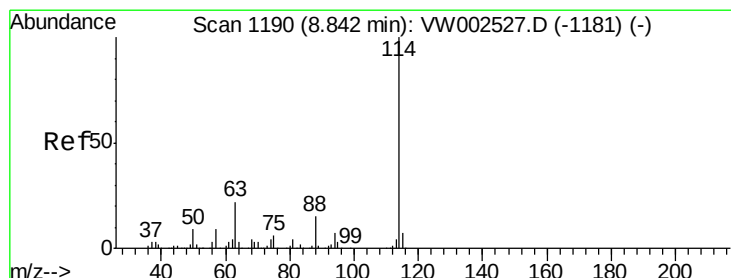
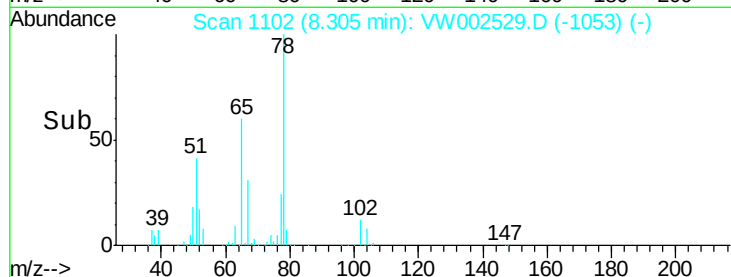
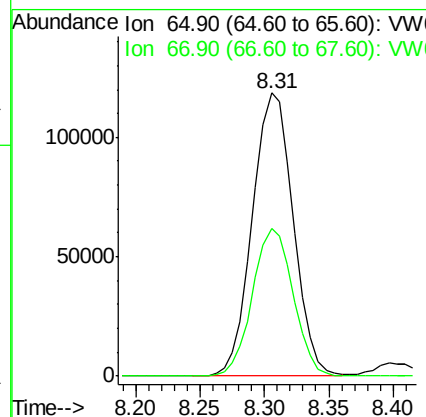
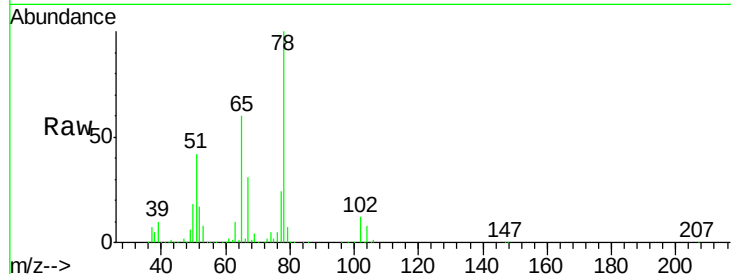




#33
 1,2-Dichloroethane-d4
 Concen: 100.47 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

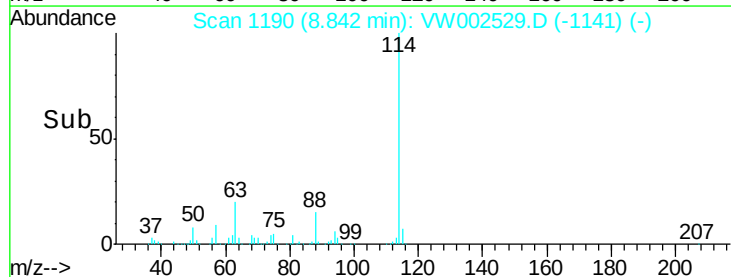
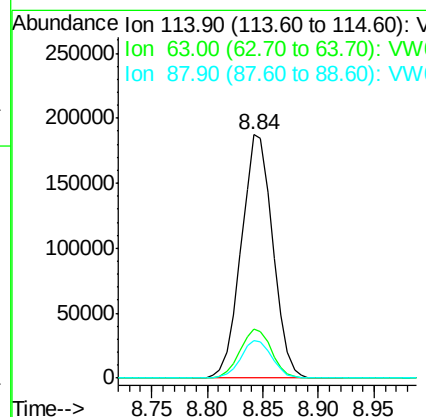
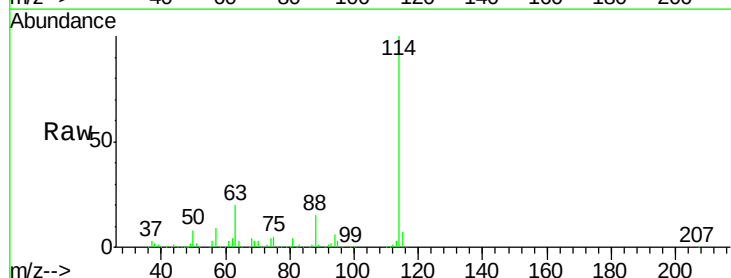
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

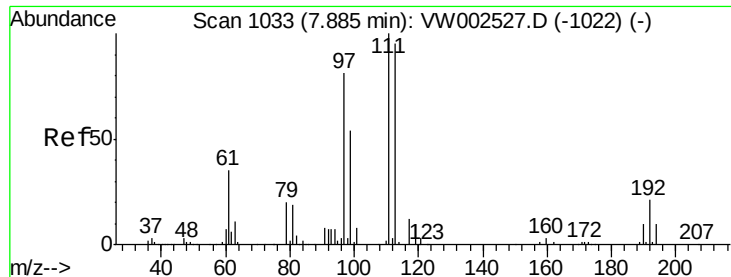
Tgt Ion: 65 Resp: 260410
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

Tgt Ion: 114 Resp: 367216
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 43.2
 88 15.3 0.0 29.2

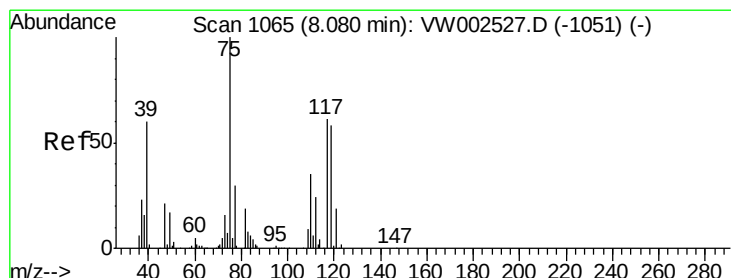
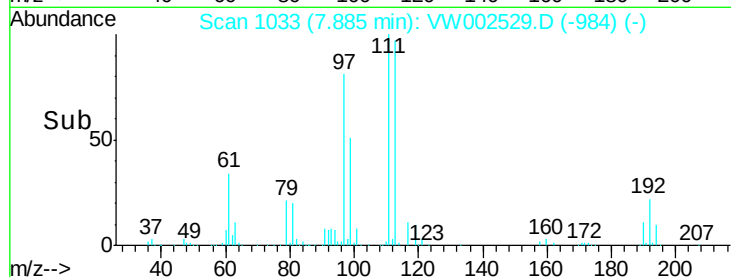
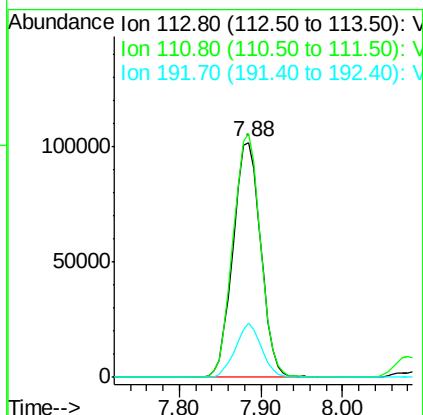
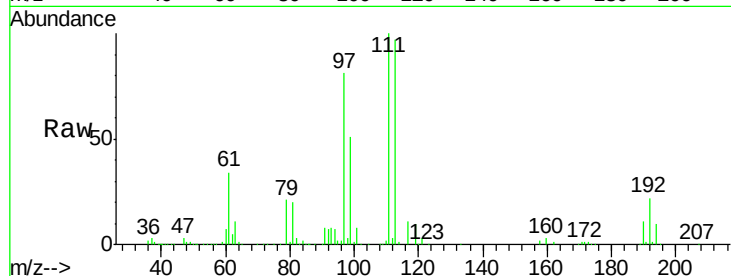




#35
 Dibromofluoromethane
 Concen: 101.95 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

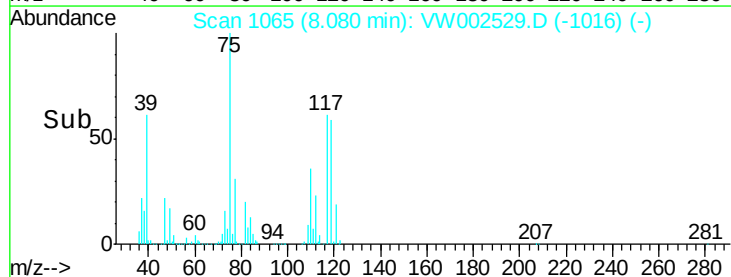
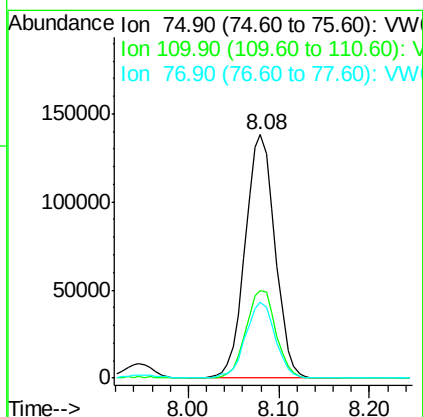
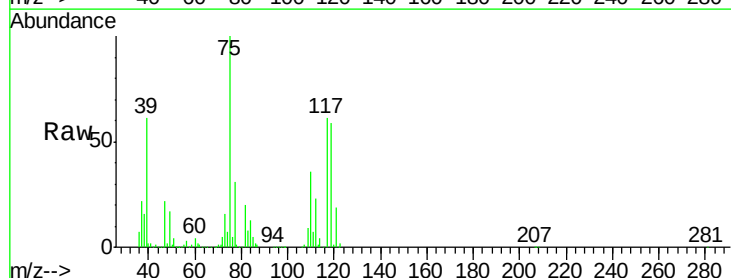
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

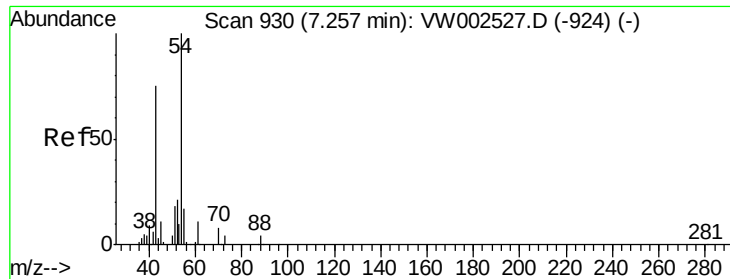
Tgt Ion: 113 Resp: 238363
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.8 122.8
 192 21.5 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 94.70 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

Tgt Ion: 75 Resp: 313674
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.8 53.5
 77 31.5 24.5 36.7

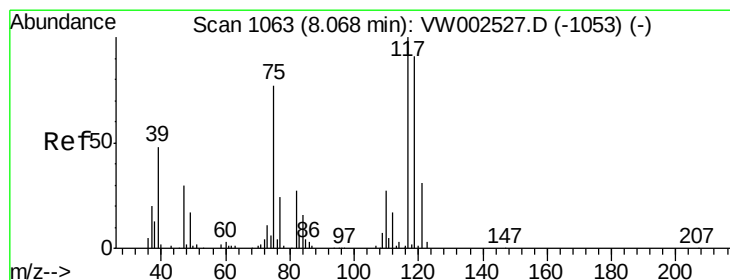
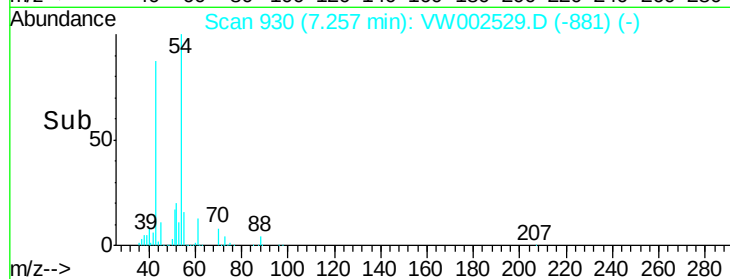
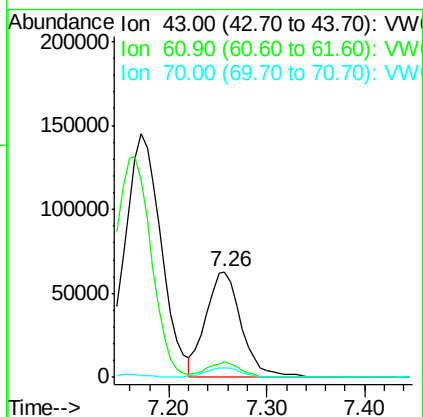
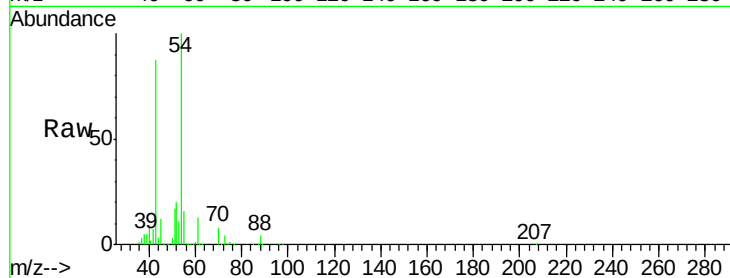




#37
Ethyl Acetate
Concen: 96.45 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

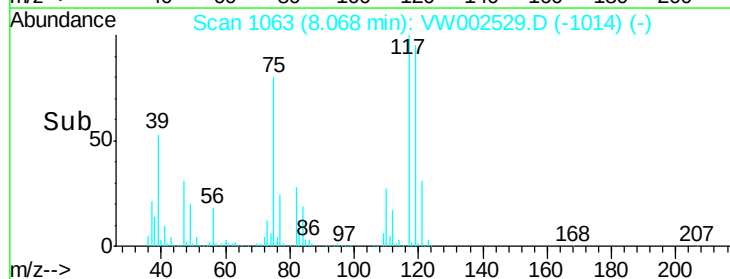
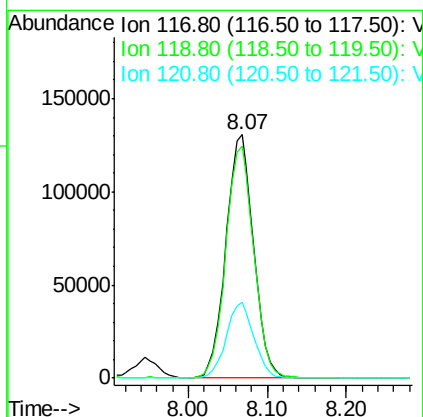
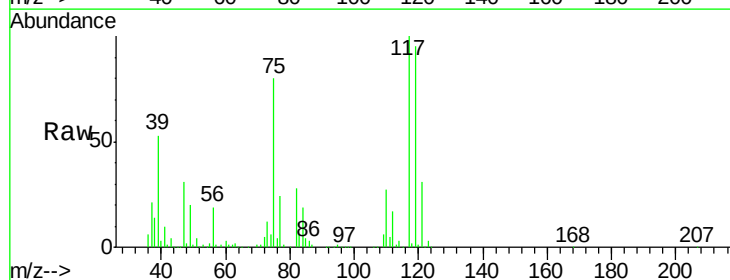
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

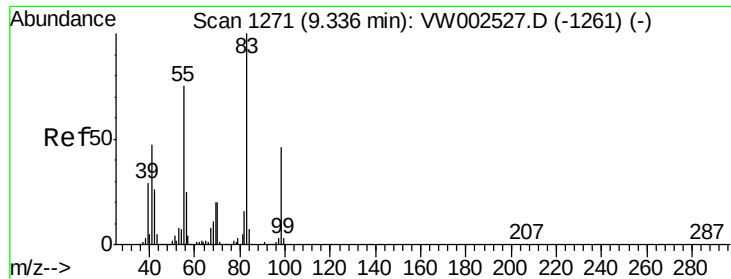
Tgt Ion: 43 Resp: 157126
Ion Ratio Lower Upper
43 100
61 13.5 11.1 16.7
70 9.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 98.85 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

Tgt Ion: 117 Resp: 317685
Ion Ratio Lower Upper
117 100
119 95.3 73.1 109.7
121 31.3 24.4 36.6

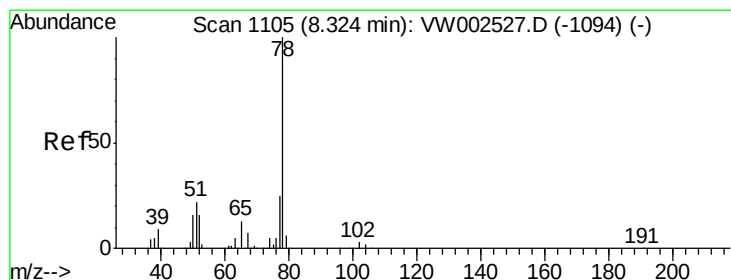
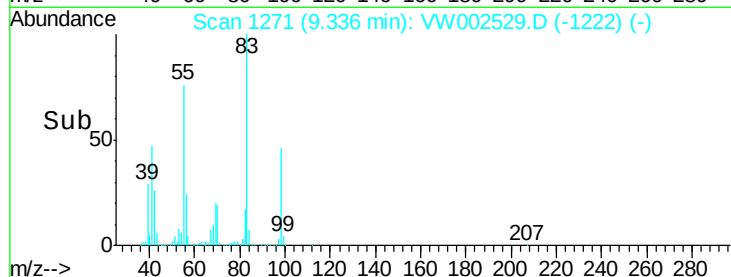
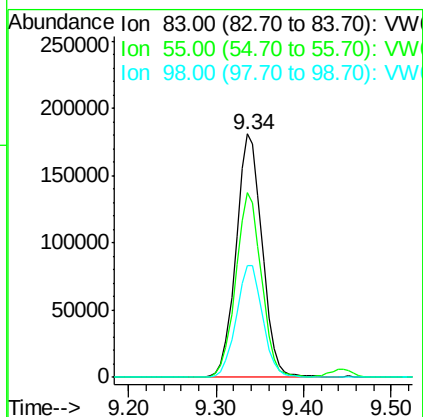
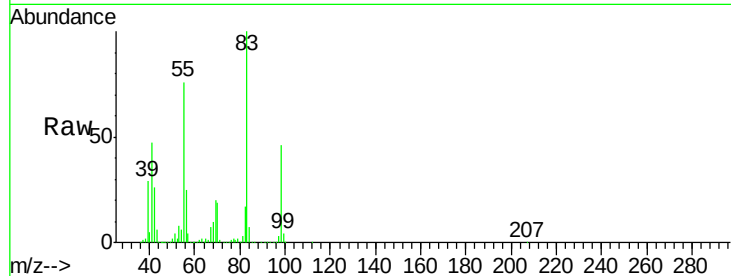




#39
Methylcyclohexane
Concen: 97.38 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

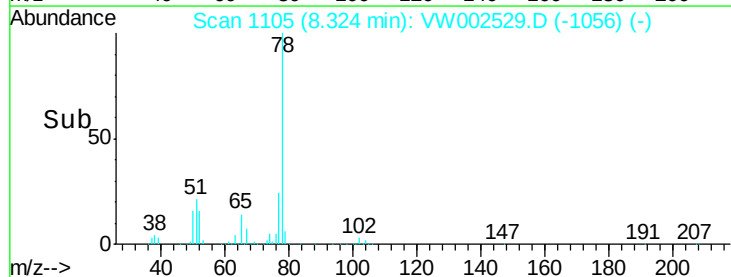
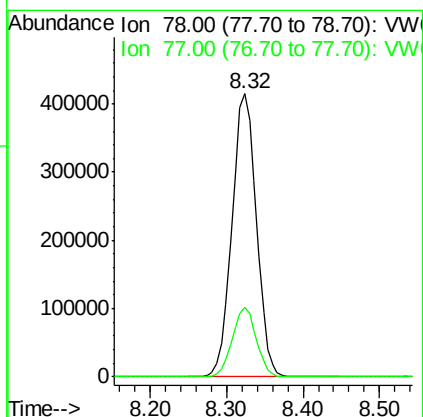
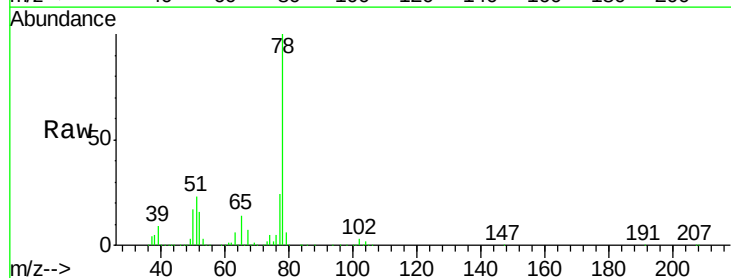
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

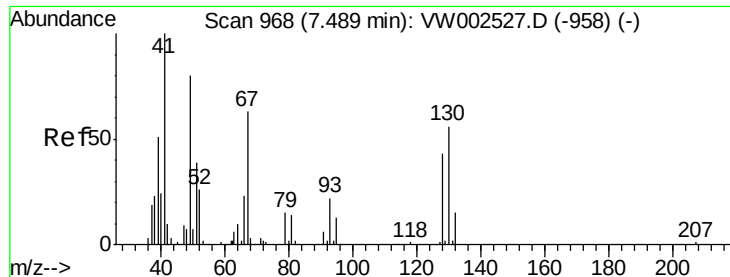
Tgt Ion: 83 Resp: 375194
Ion Ratio Lower Upper
83 100
55 75.9 60.0 90.0
98 45.9 37.0 55.4



#40
Benzene
Concen: 94.92 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

Tgt Ion: 78 Resp: 914384
Ion Ratio Lower Upper
78 100
77 24.4 19.9 29.9

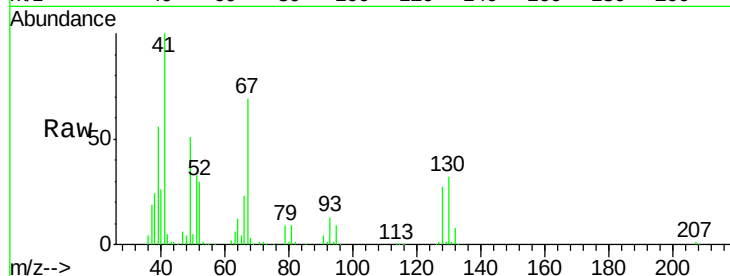




#41
Methacrylonitrile
Concen: 101.59 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	92916
Ion	Ratio	Lower	Upper
41	100		
39	63.2	51.8	77.8
67	73.1	59.9	89.9
52	33.0	26.6	39.8



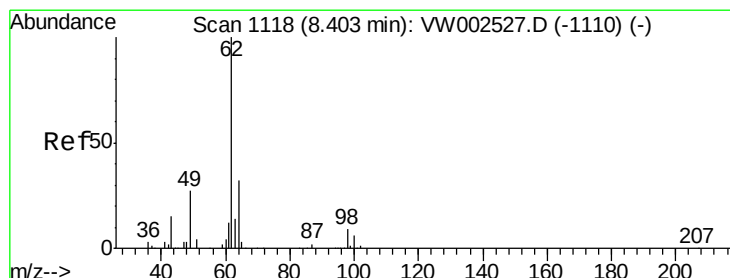
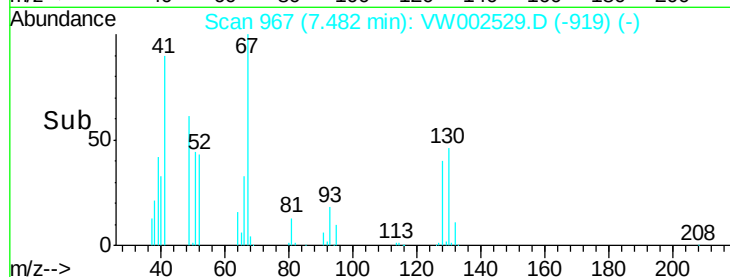
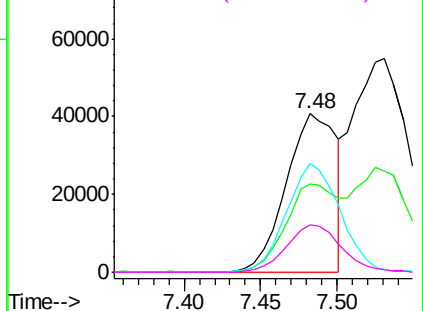
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

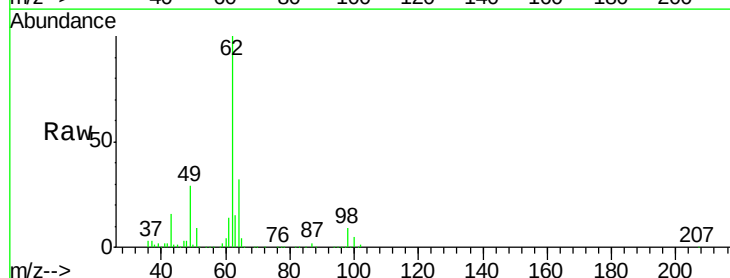
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 95.17 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

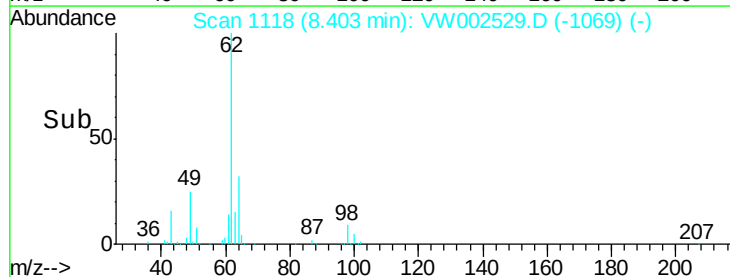
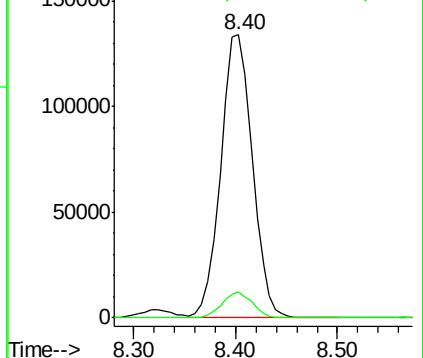
Tgt Ion:	62	Resp:	287617
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8

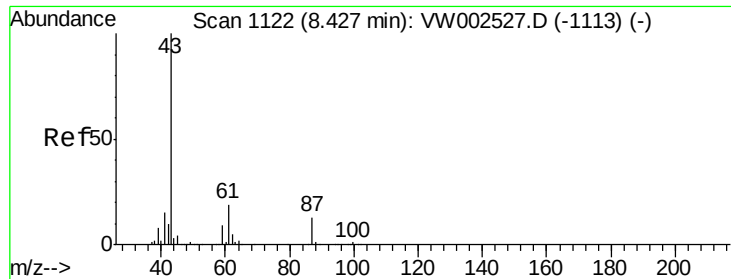


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 100.57 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

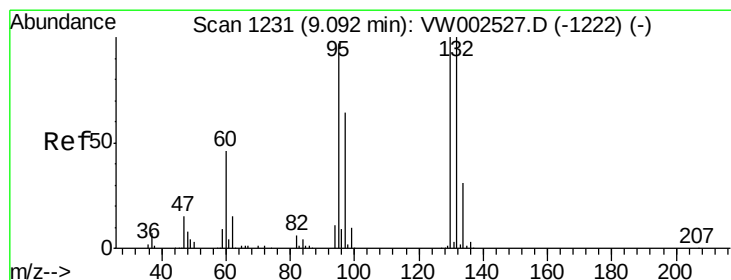
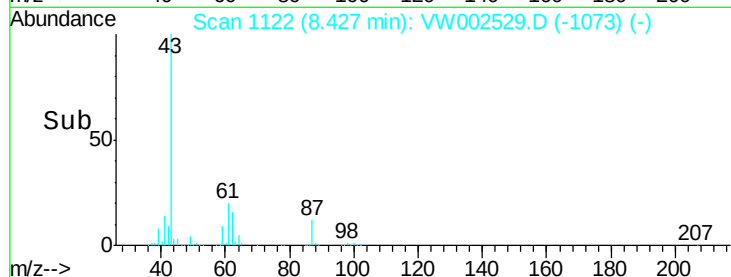
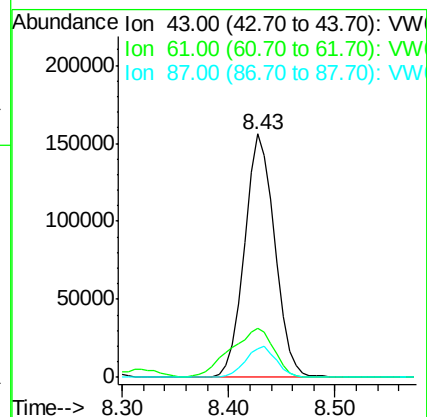
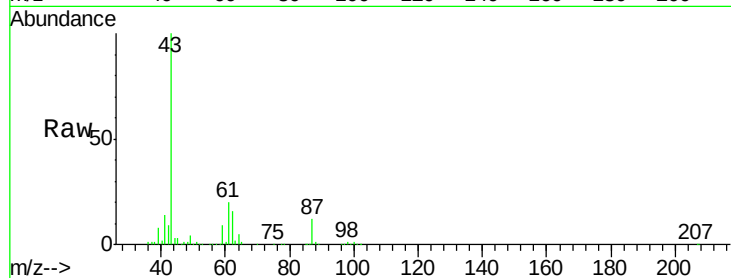
Tgt Ion: 43 Resp: 310756

Ion Ratio Lower Upper

43 100

61 29.0 23.0 34.6

87 12.9 10.6 15.8



#44

Trichloroethene

Concen: 95.45 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW002529.D

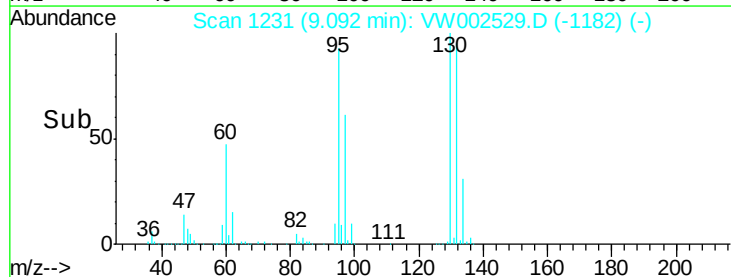
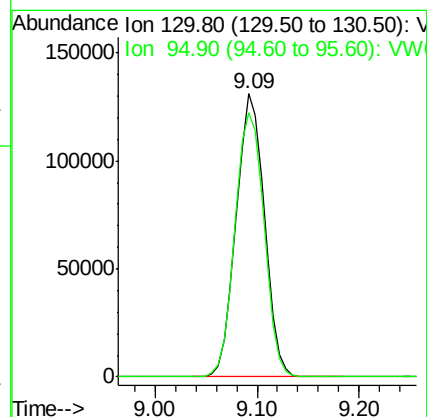
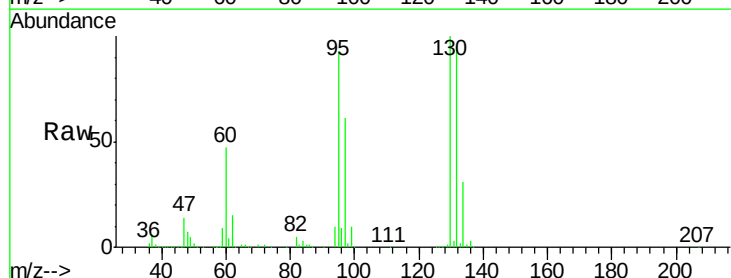
Acq: 14 May 2018 22:56

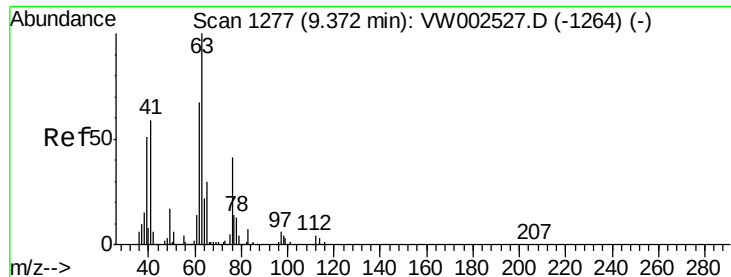
Tgt Ion: 130 Resp: 251387

Ion Ratio Lower Upper

130 100

95 93.4 0.0 194.6

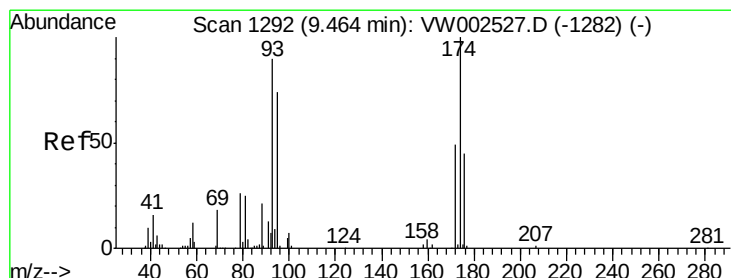
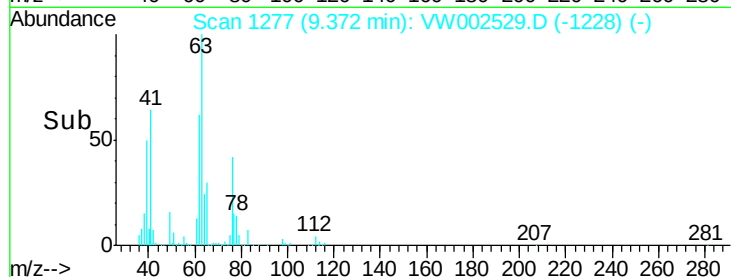
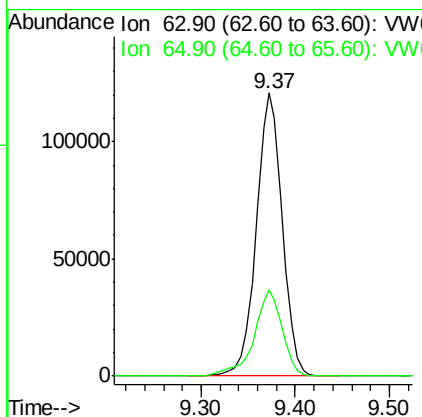
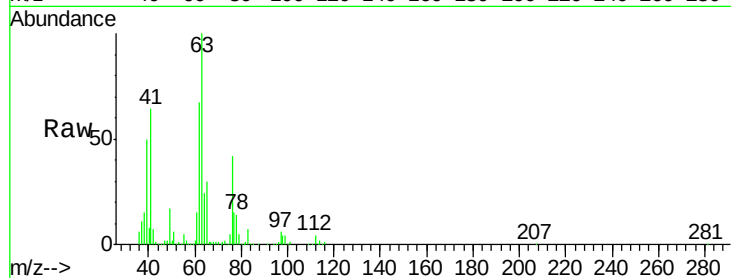




#45
 1,2-Dichloropropane
 Concen: 96.17 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

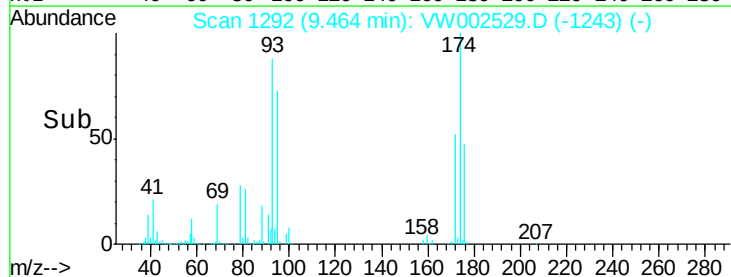
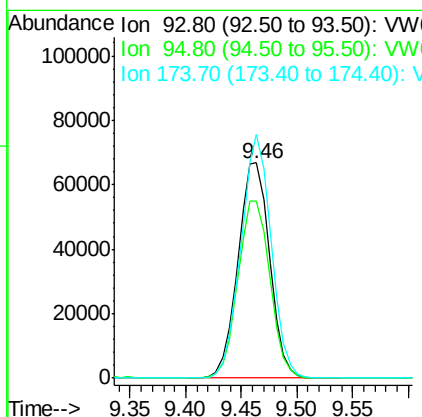
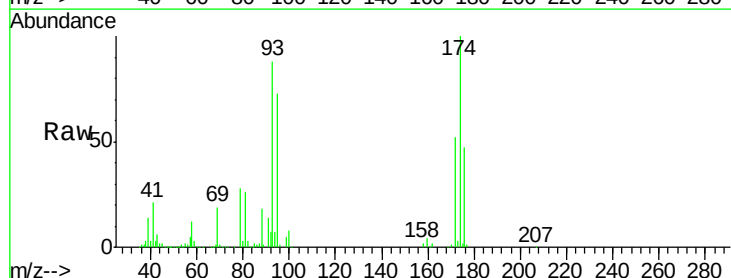
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

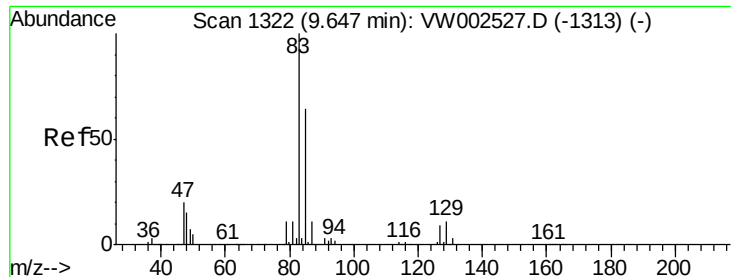
Tgt Ion: 63 Resp: 233338
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.4 36.6



#46
 Dibromomethane
 Concen: 96.95 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

Tgt Ion: 93 Resp: 131858
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 100.0
 174 108.1 84.0 126.0





#47

Bromodichloromethane

Concen: 99.64 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

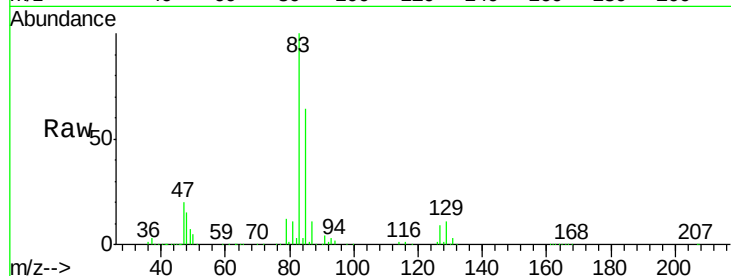
Tgt Ion: 83 Resp: 319185

Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.2

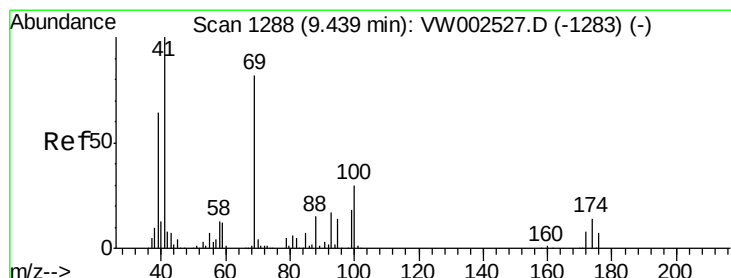
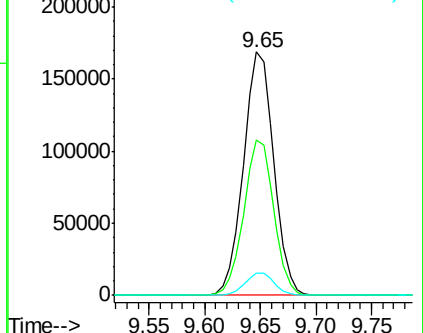
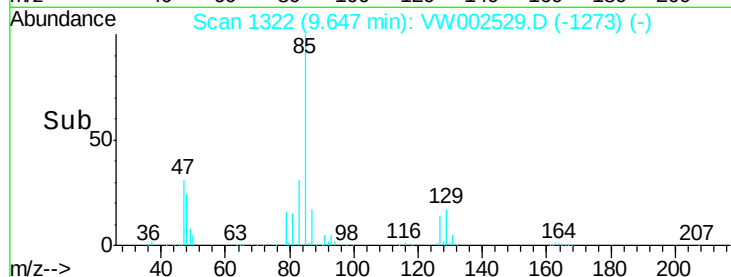
127 9.0 7.0 10.4



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): V



#48

Methyl methacrylate

Concen: 103.38 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

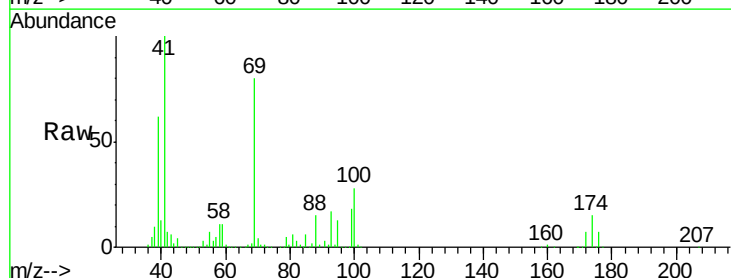
Tgt Ion: 41 Resp: 154848

Ion Ratio Lower Upper

41 100

69 86.4 69.7 104.5

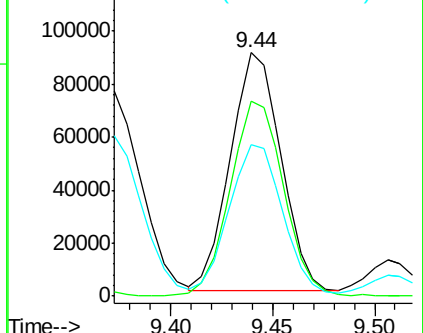
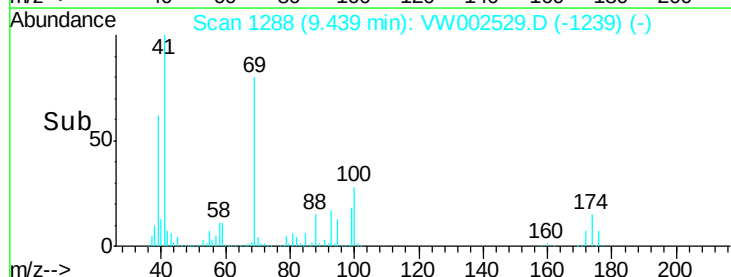
39 68.0 55.0 82.4

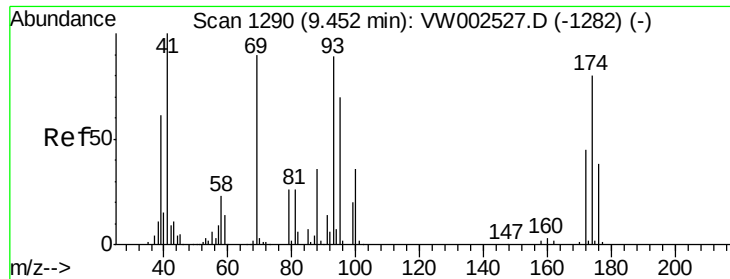


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

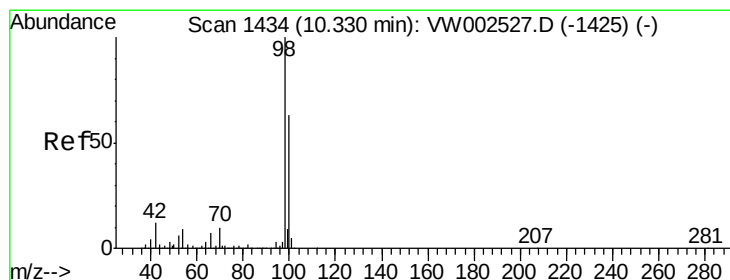
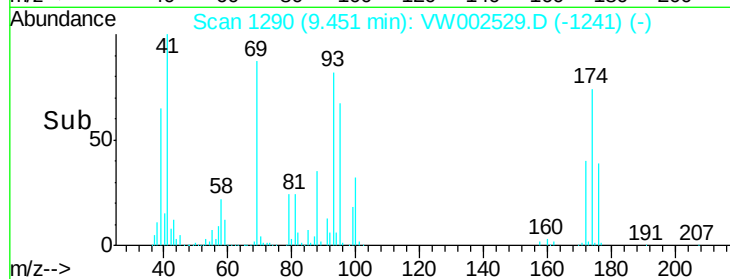
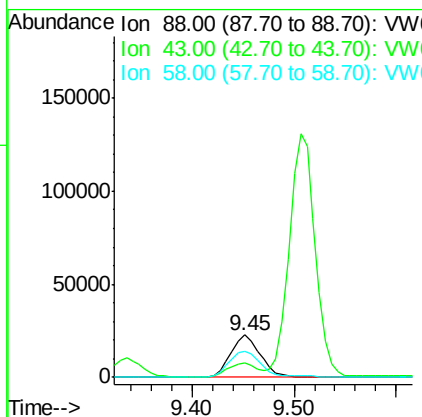
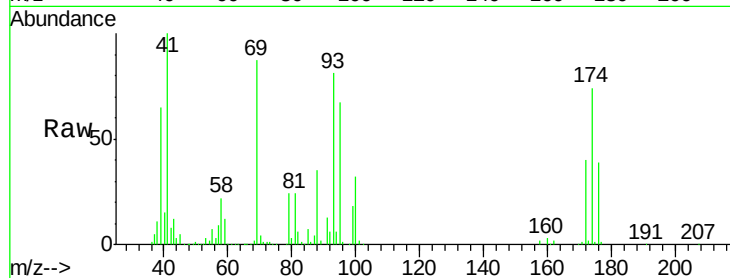




#49
 1,4-Dioxane
 Concen: 2071.38 ug/l
 RT: 9.45 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

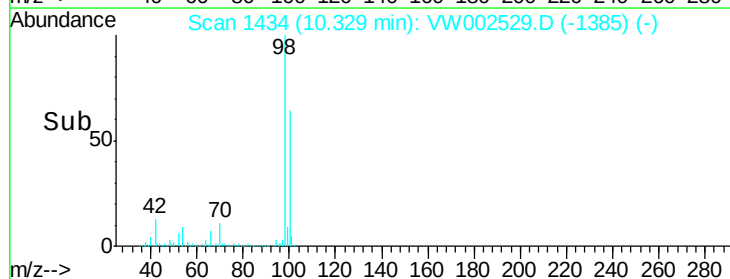
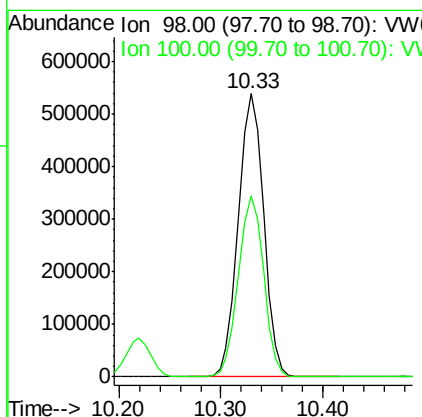
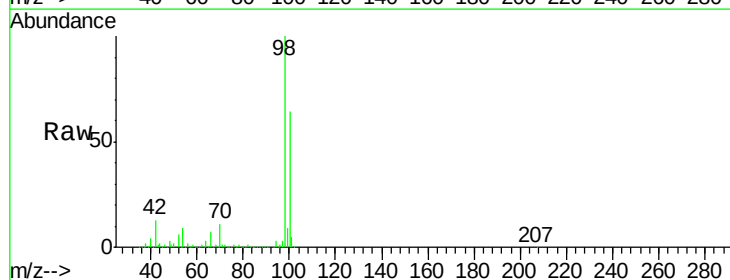
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

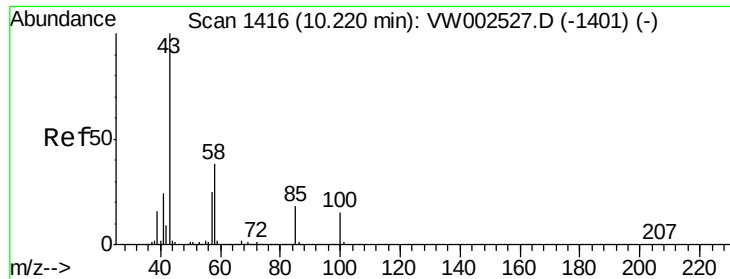
Tgt Ion: 88 Resp: 45460
 Ion Ratio Lower Upper
 88 100
 43 33.6 27.0 40.4
 58 67.1 56.9 85.3



#50
 Toluene-d8
 Concen: 104.08 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

Tgt Ion: 98 Resp: 930158
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.0 76.4

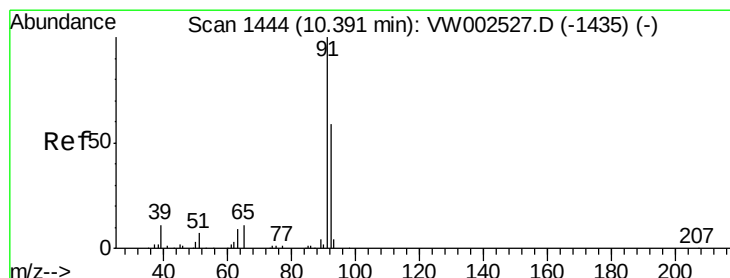
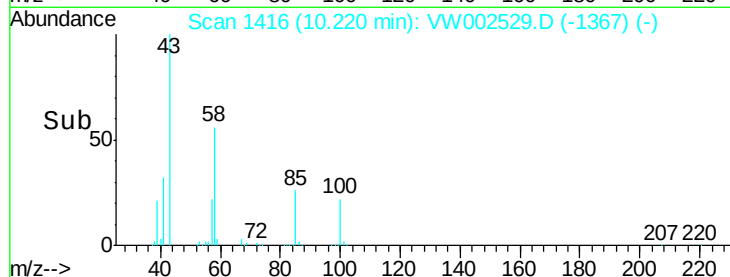
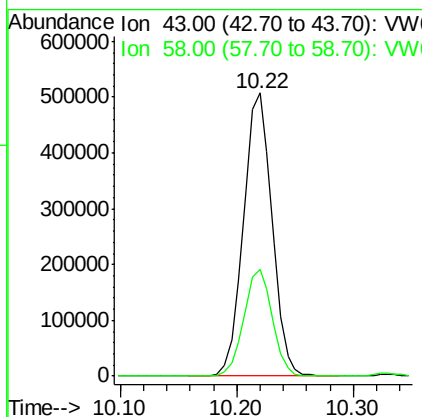
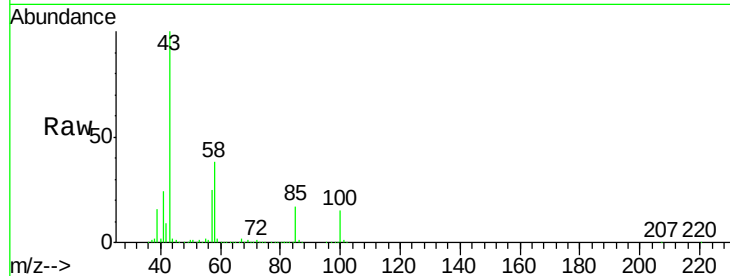




#51
 4-Methyl-2-Pentanone
 Concen: 508.90 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

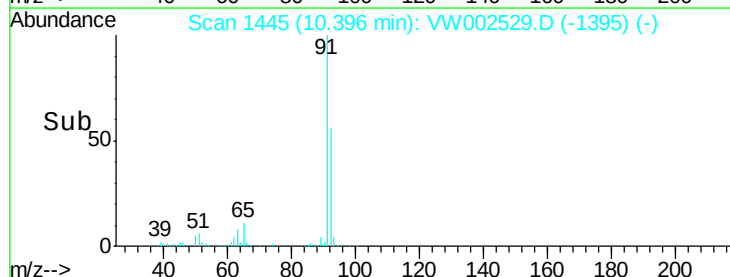
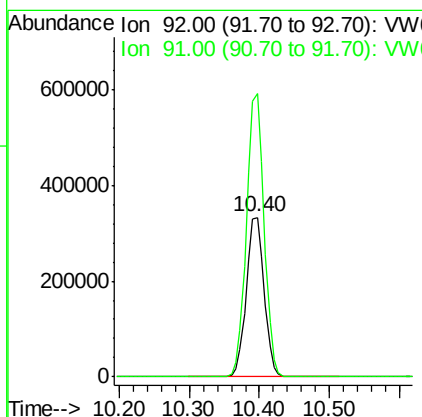
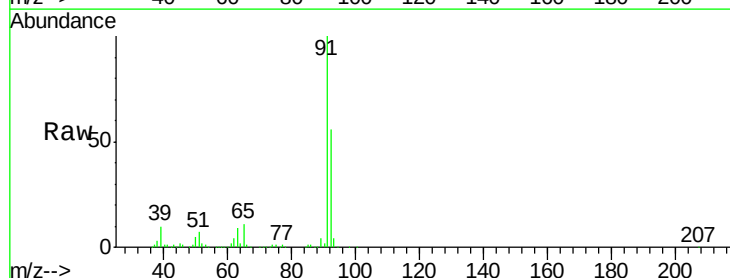
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

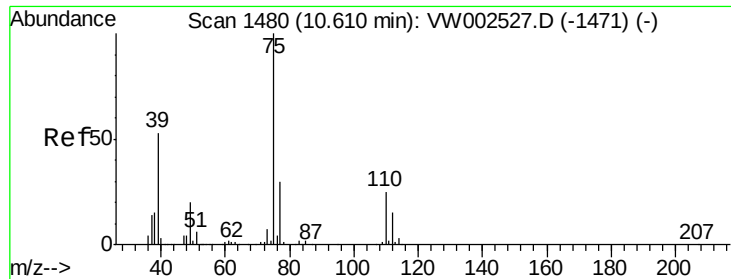
Tgt Ion: 43 Resp: 871086
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.1 45.1



#52
 Toluene
 Concen: 96.38 ug/l
 RT: 10.40 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

Tgt Ion: 92 Resp: 589662
 Ion Ratio Lower Upper
 92 100
 91 175.5 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 104.77 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

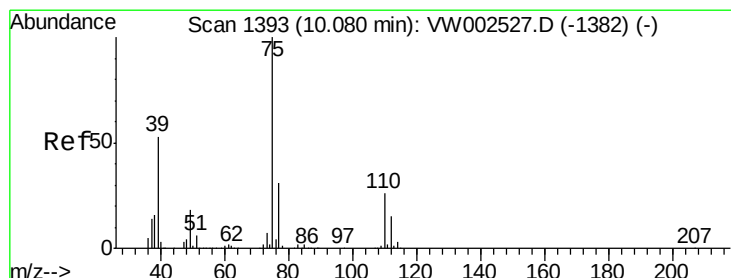
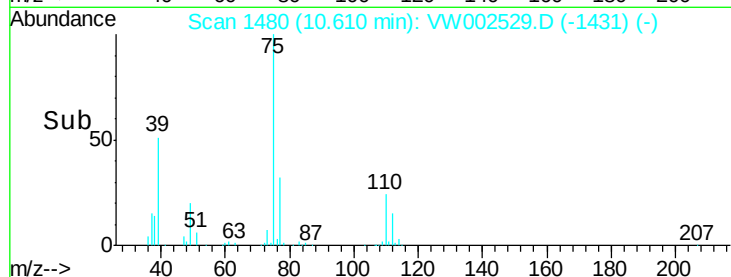
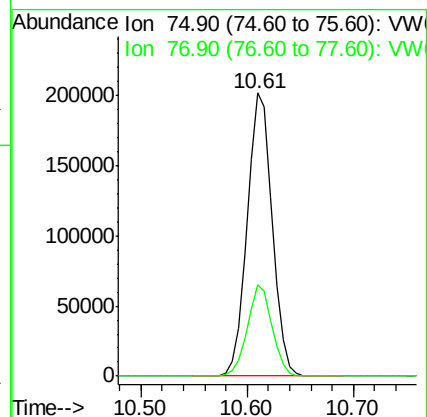
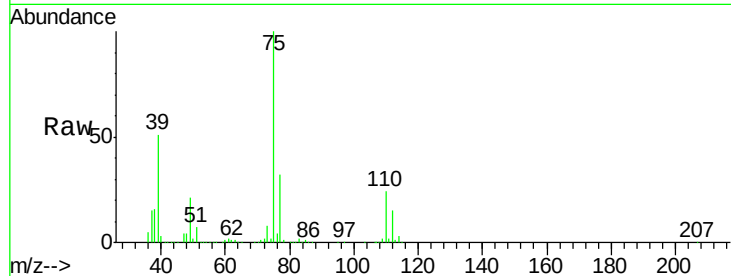
VSTDIC100

Tgt Ion: 75 Resp: 332634

Ion Ratio Lower Upper

75 100

77 32.3 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 101.37 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

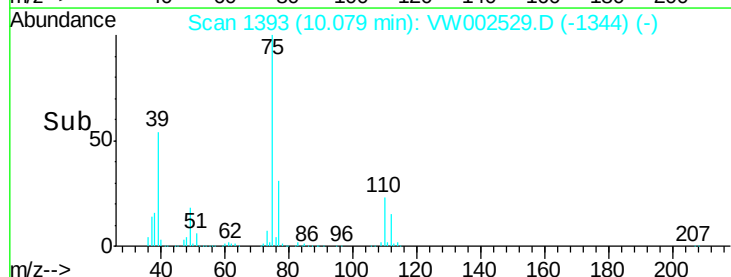
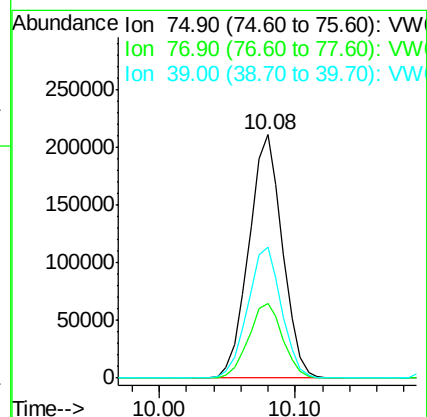
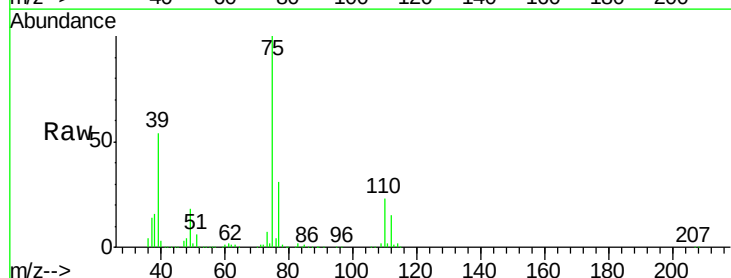
Tgt Ion: 75 Resp: 365601

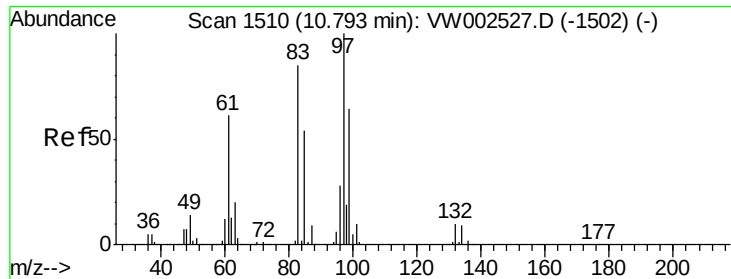
Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.4

39 53.5 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 96.09 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 184225

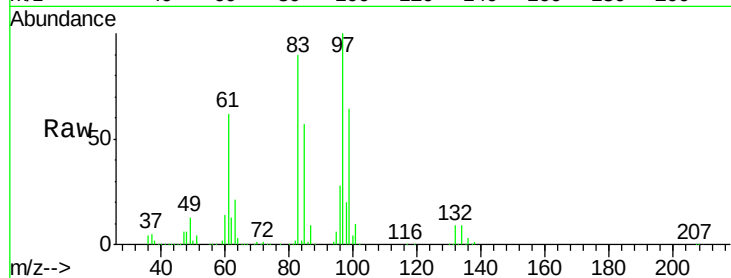
Ion Ratio Lower Upper

97 100

83 89.7 68.1 102.1

85 56.7 43.6 65.4

99 63.6 51.2 76.8

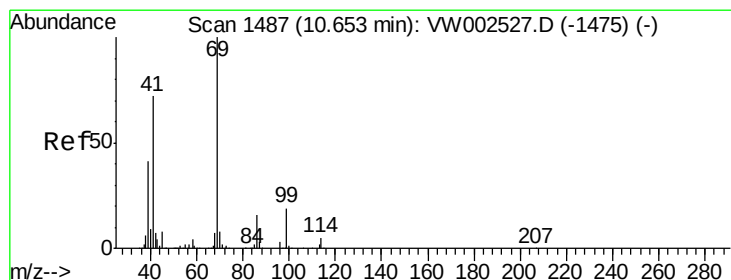
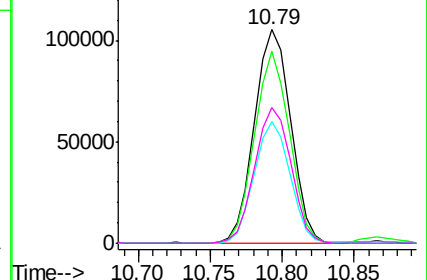
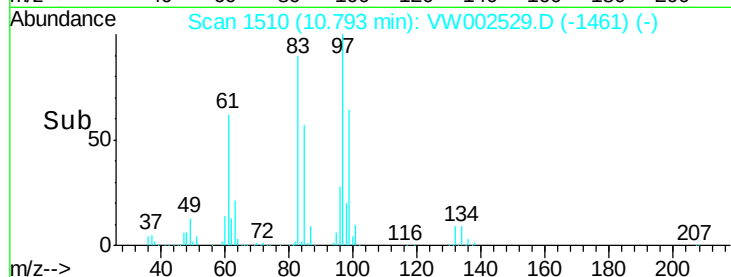


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 102.89 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

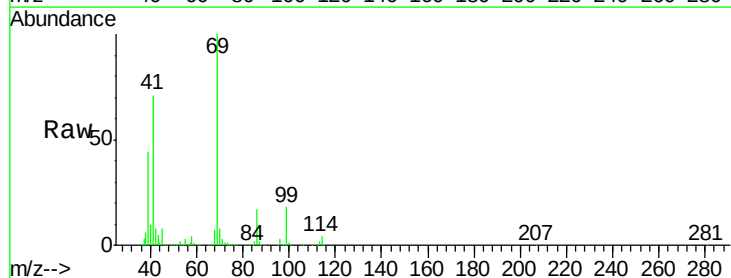
Tgt Ion: 69 Resp: 244210

Ion Ratio Lower Upper

69 100

41 69.6 55.3 82.9

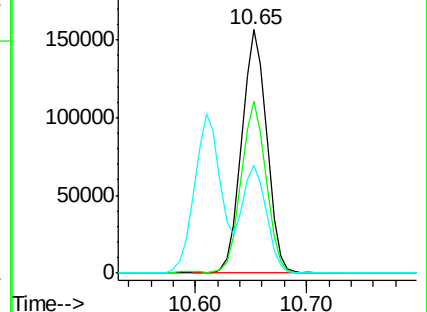
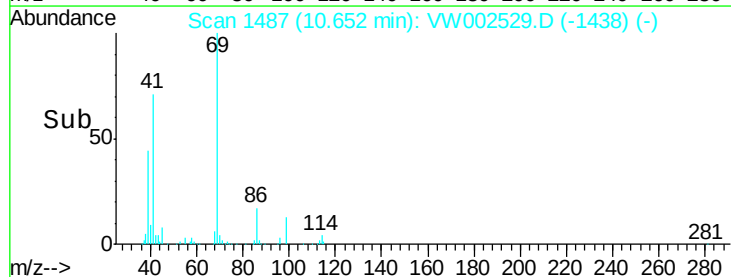
39 41.8 33.0 49.6

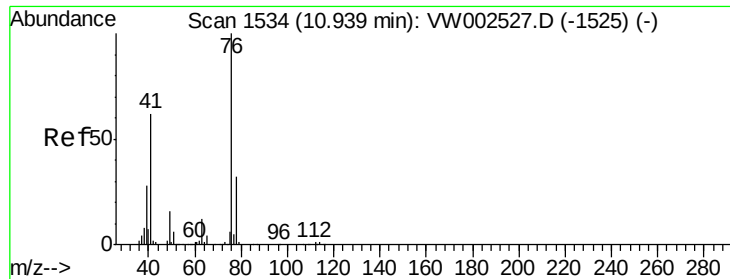


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 96.83 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

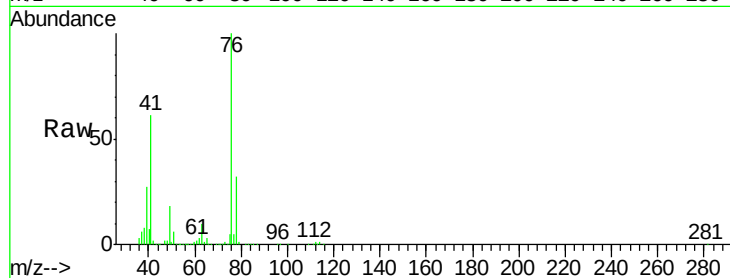
VSTDIC100

Tgt Ion: 76 Resp: 315033

Ion Ratio Lower Upper

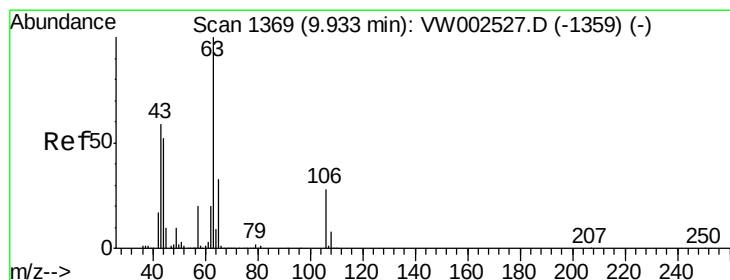
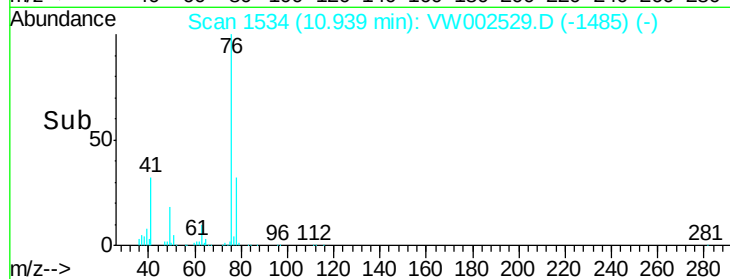
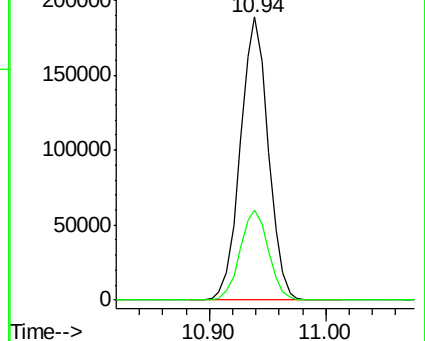
76 100

78 32.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 527.99 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VW002529.D

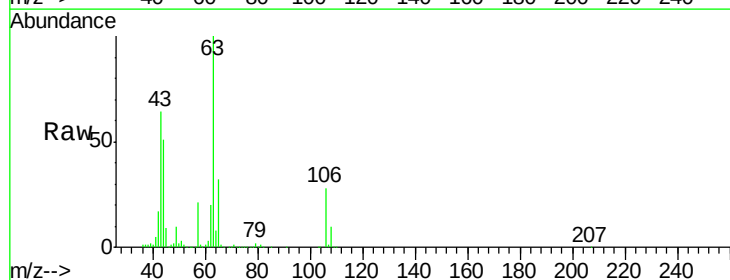
Acq: 14 May 2018 22:56

Tgt Ion: 63 Resp: 609182

Ion Ratio Lower Upper

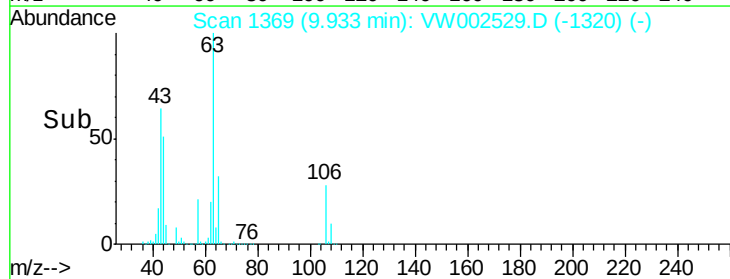
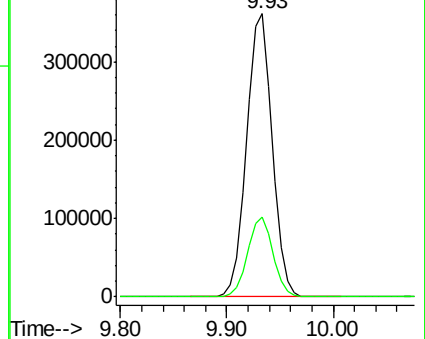
63 100

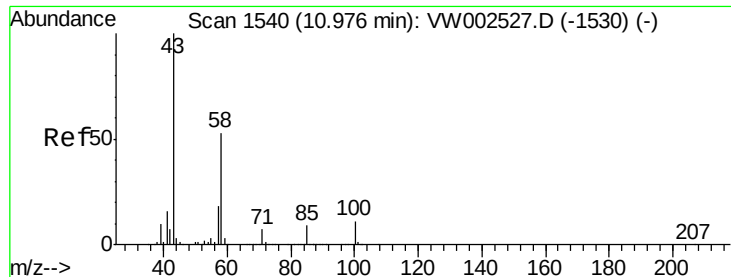
106 28.0 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

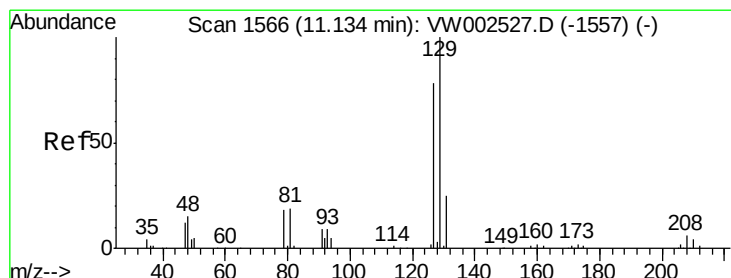
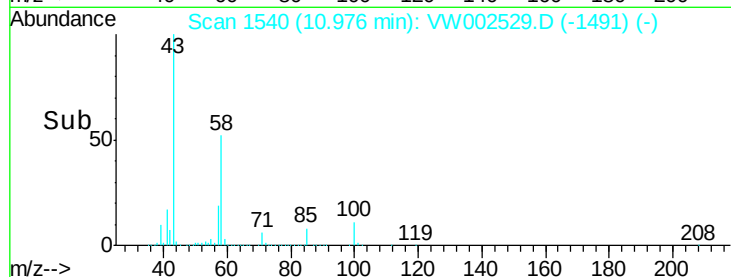
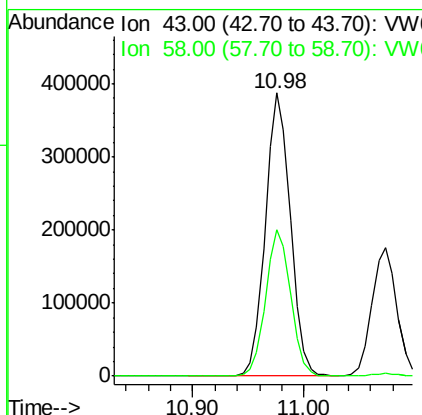
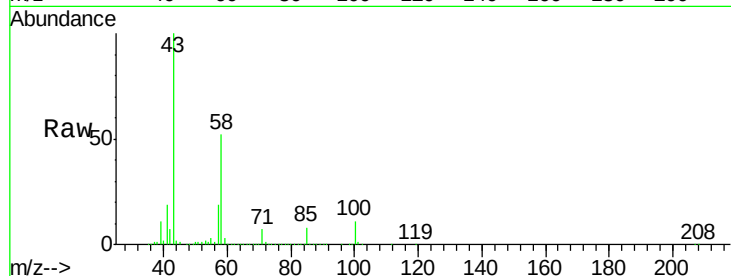




#59
2-Hexanone
Concen: 518.74 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

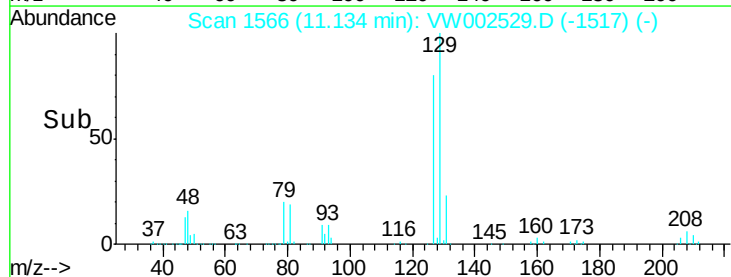
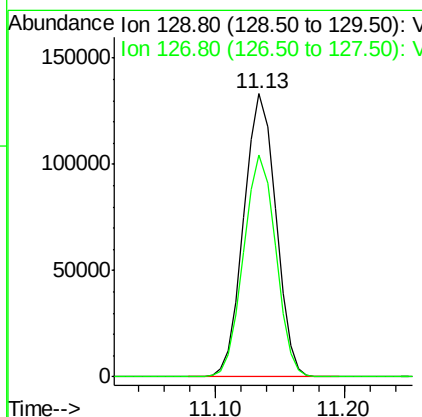
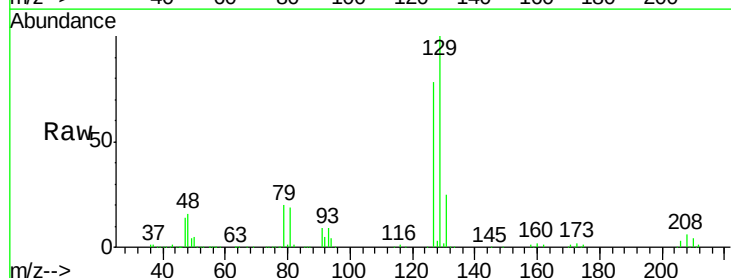
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

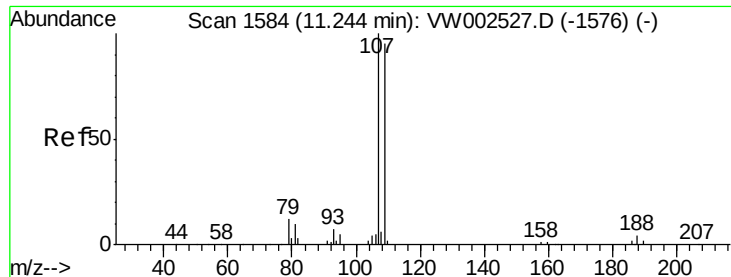
Tgt Ion: 43 Resp: 608410
Ion Ratio Lower Upper
43 100
58 51.7 26.3 78.8



#60
Dibromochloromethane
Concen: 101.36 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

Tgt Ion: 129 Resp: 229614
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.7

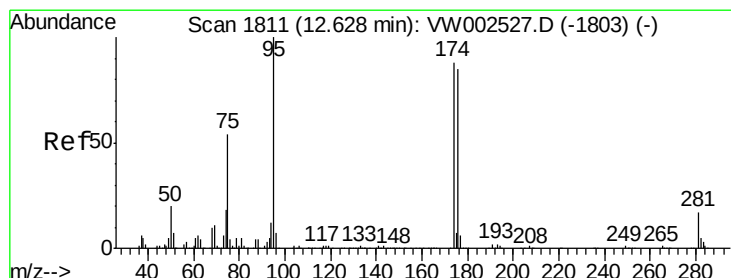
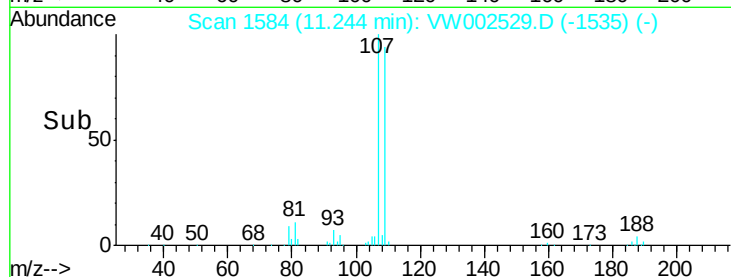
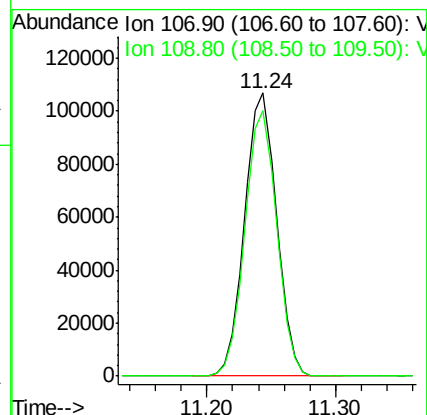
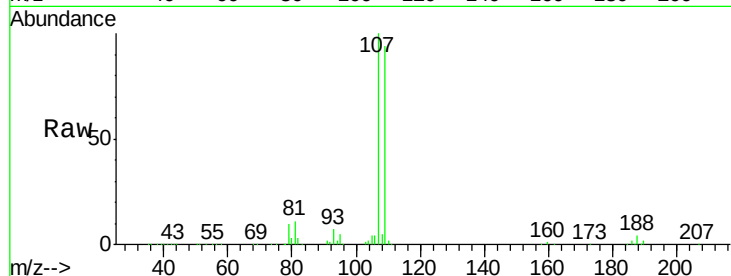




#61
 1,2-Dibromoethane
 Concen: 98.18 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

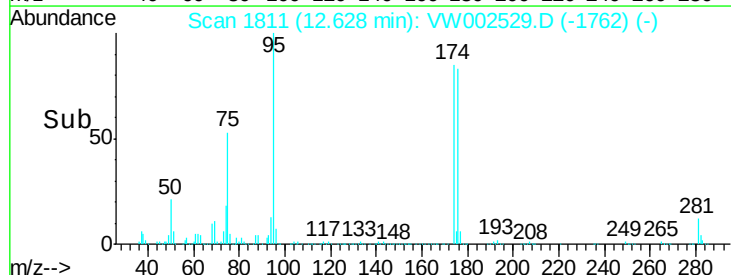
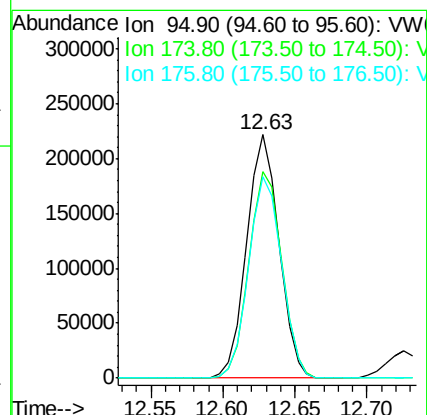
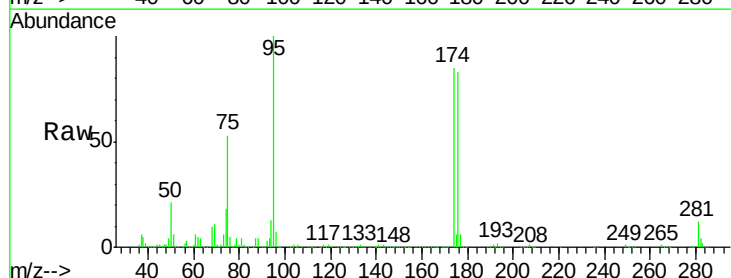
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

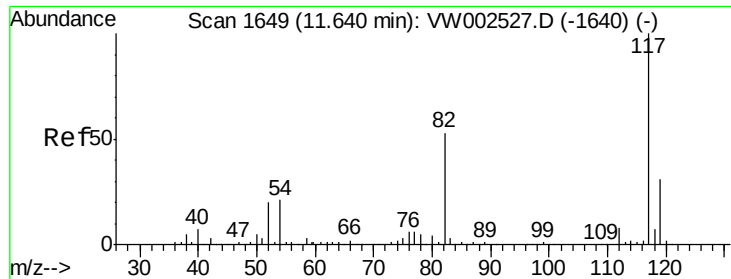
Tgt Ion: 107 Resp: 183382
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 106.40 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

Tgt Ion: 95 Resp: 343854
 Ion Ratio Lower Upper
 95 100
 174 86.5 0.0 176.6
 176 84.5 0.0 172.2

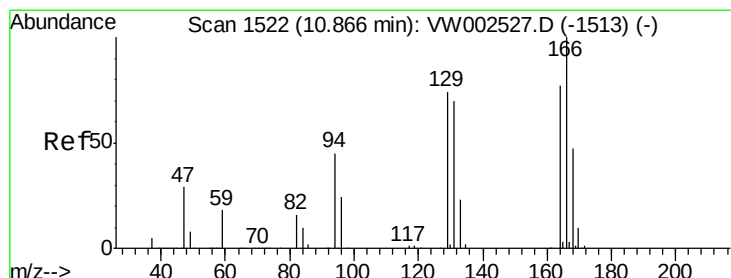
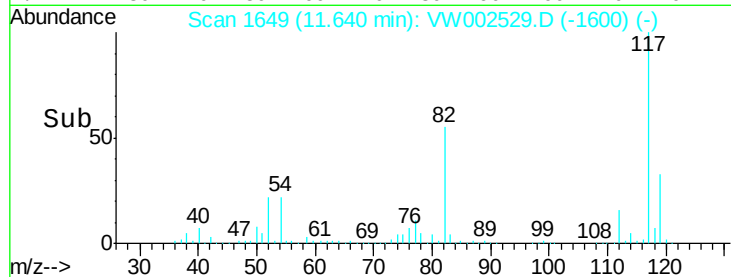
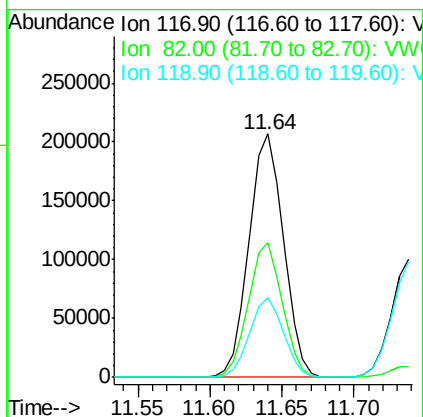
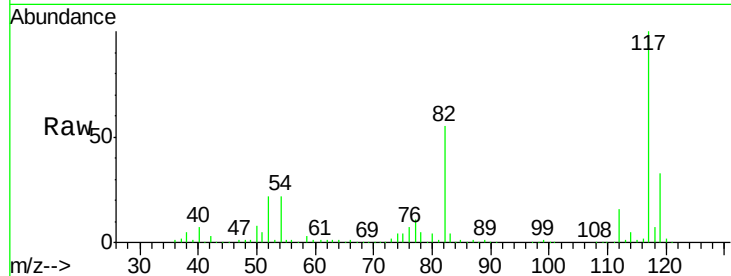




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

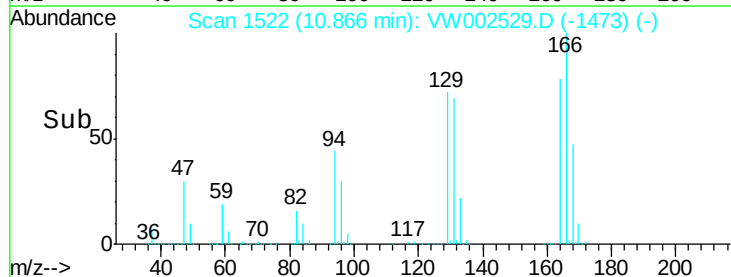
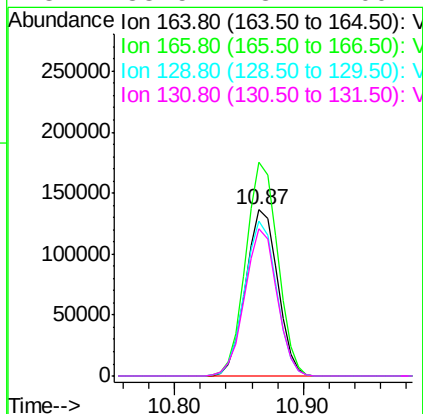
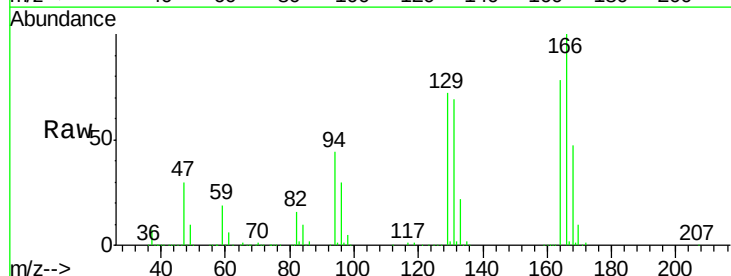
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

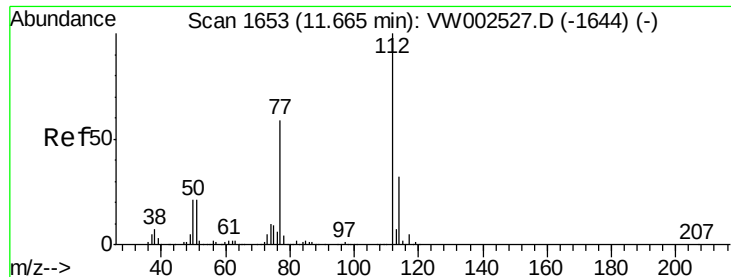
Tgt Ion:117 Resp: 342248
Ion Ratio Lower Upper
117 100
82 55.1 42.6 64.0
119 32.7 25.0 37.6



#64
Tetrachloroethene
Concen: 90.22 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

Tgt Ion:164 Resp: 234405
Ion Ratio Lower Upper
164 100
166 128.7 104.2 156.2
129 93.1 77.0 115.4
131 88.5 73.1 109.7

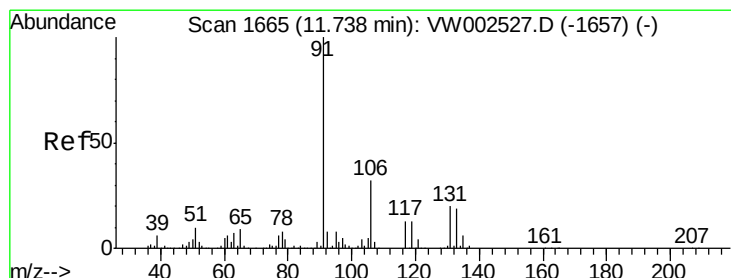
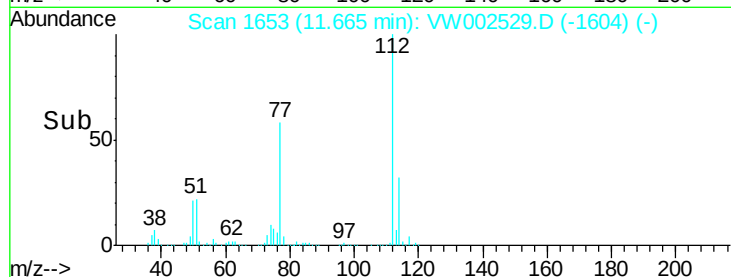
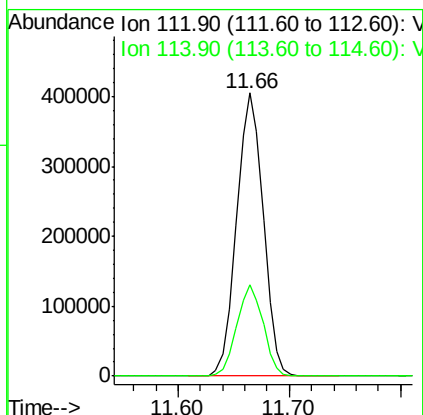
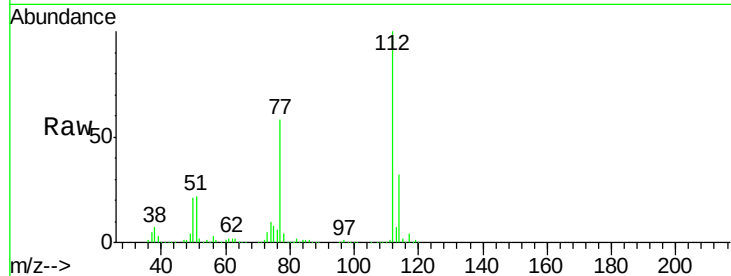




#65
Chlorobenzene
Concen: 96.31 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

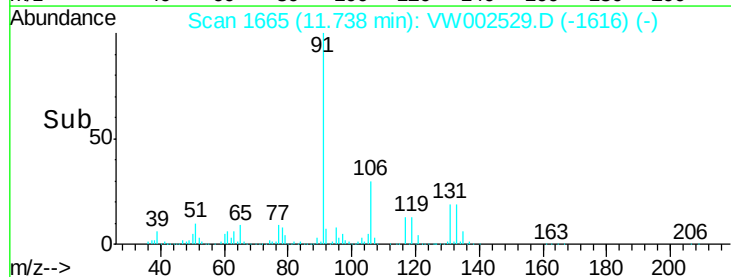
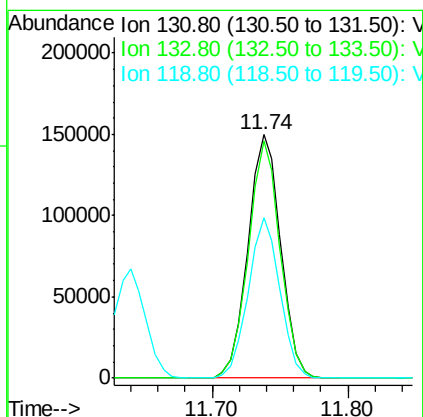
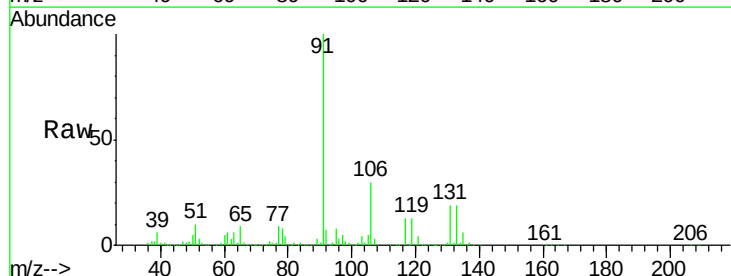
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

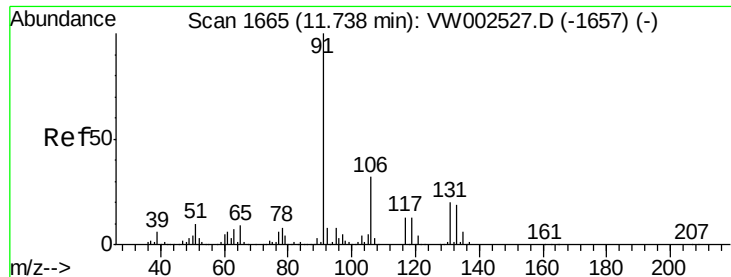
Tgt Ion:112 Resp: 669824
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 101.26 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

Tgt Ion:131 Resp: 251658
Ion Ratio Lower Upper
131 100
133 94.8 48.4 145.3
119 64.1 32.2 96.6

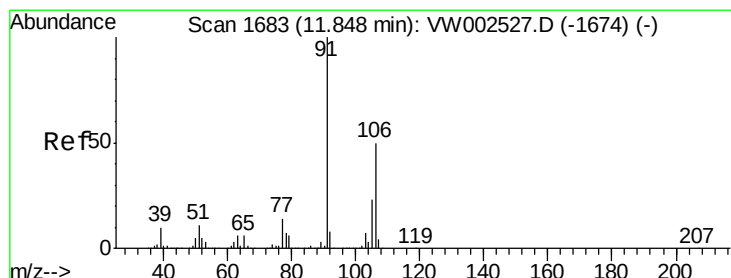
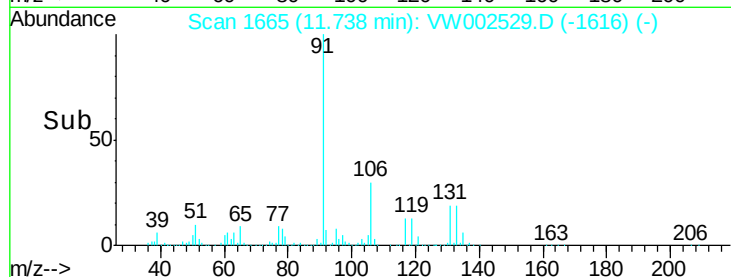
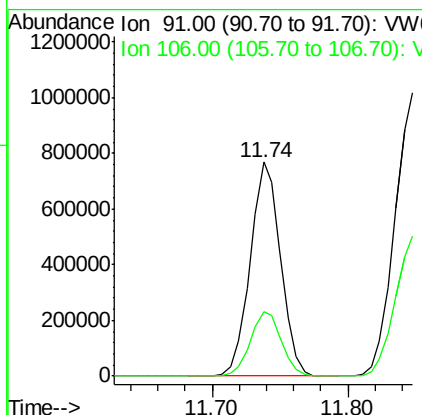
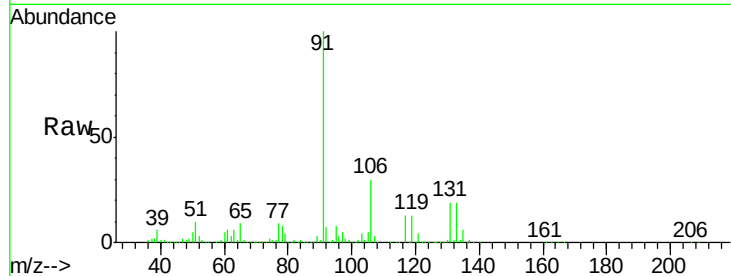




#67
Ethyl Benzene
Concen: 100.22 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

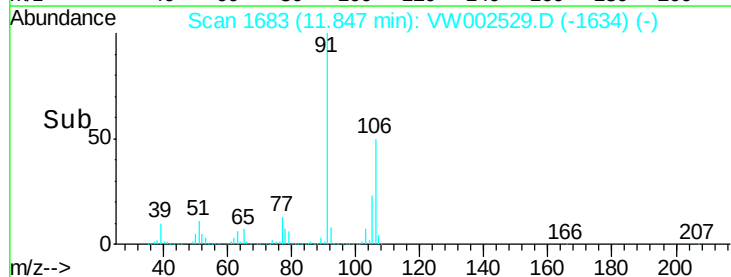
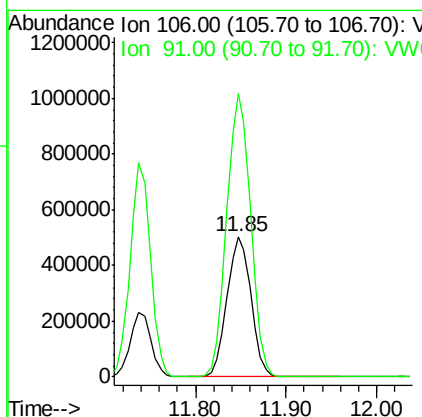
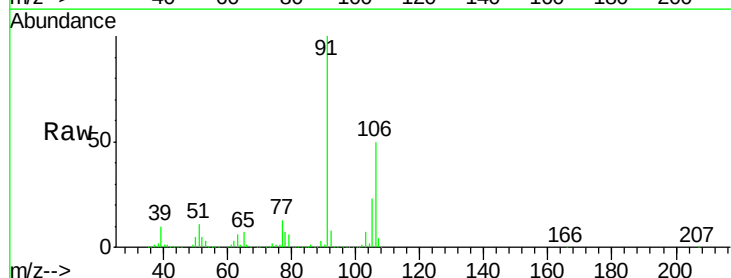
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

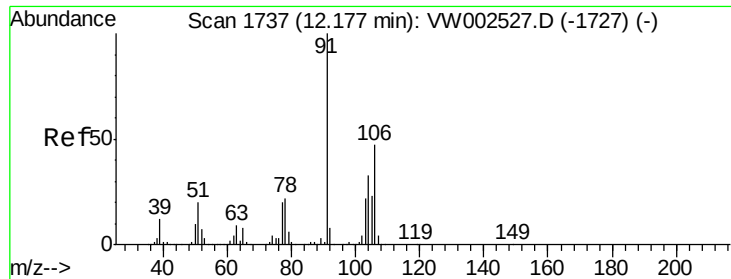
Tgt Ion: 91 Resp: 1200776
Ion Ratio Lower Upper
91 100
106 30.2 25.4 38.0



#68
m/p-Xylenes
Concen: 199.63 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

Tgt Ion: 106 Resp: 922185
Ion Ratio Lower Upper
106 100
91 202.2 161.4 242.2

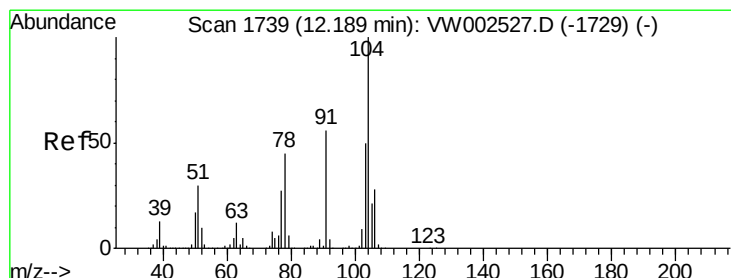
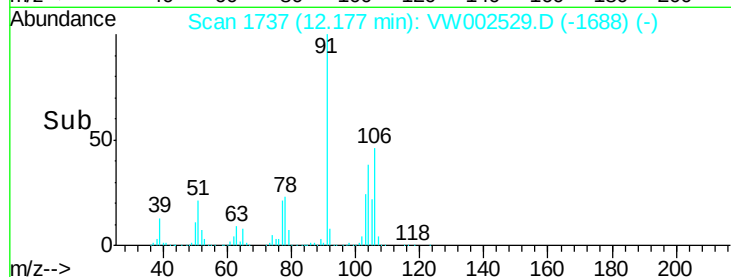
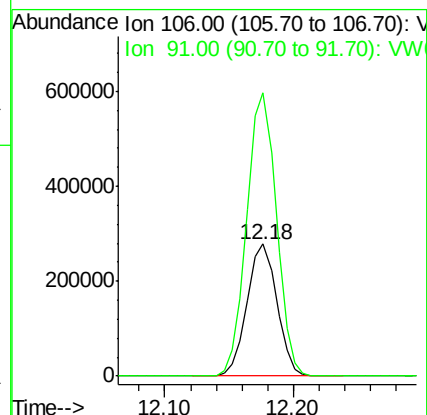
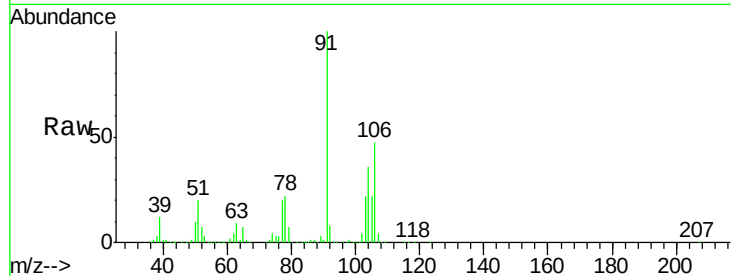




#69
o-Xylene
Concen: 100.97 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

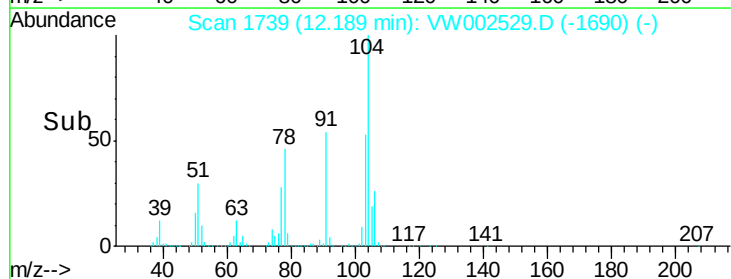
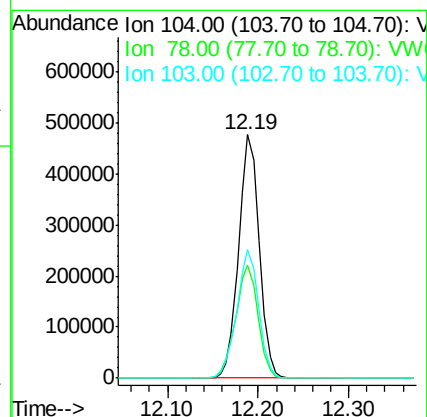
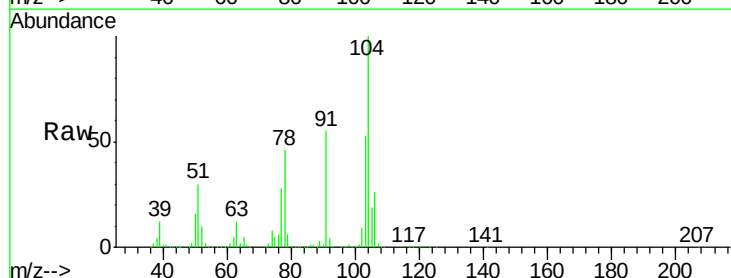
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

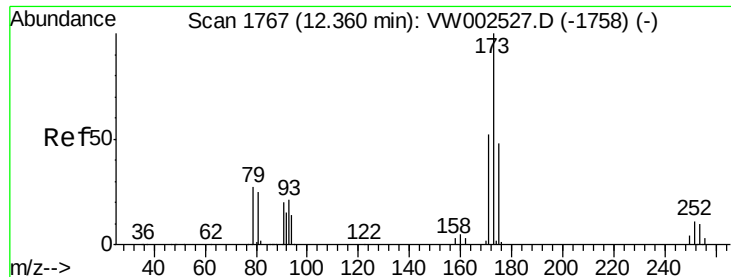
Tgt Ion:106 Resp: 443802
Ion Ratio Lower Upper
106 100
91 214.0 106.7 320.2



#70
Styrene
Concen: 103.13 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

Tgt Ion:104 Resp: 751945
Ion Ratio Lower Upper
104 100
78 50.3 40.1 60.1
103 55.8 44.6 66.8





#71

Bromoform

Concen: 104.90 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

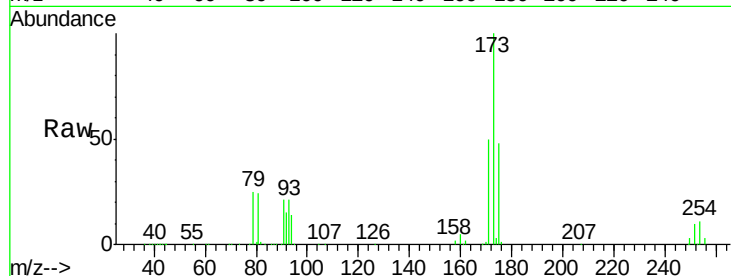
Tgt Ion:173 Resp: 150671

Ion Ratio Lower Upper

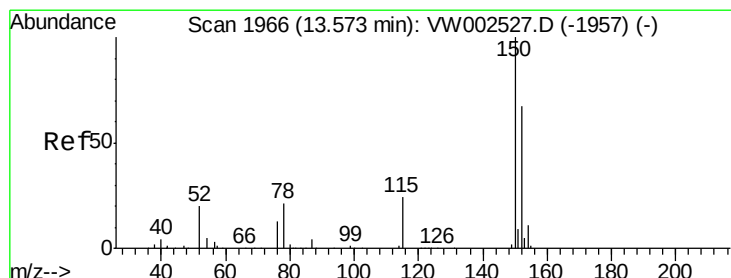
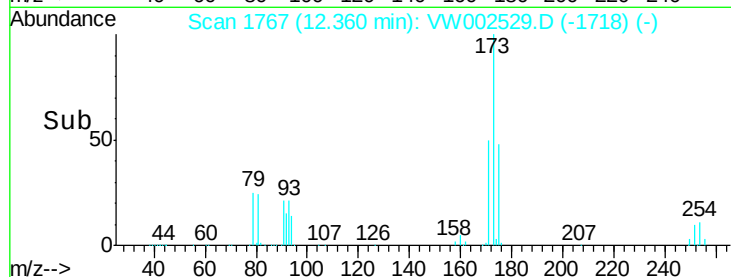
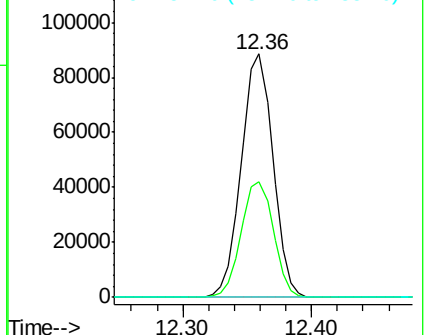
173 100

175 48.5 24.5 73.5

254 0.0 0.1 0.1#



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: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

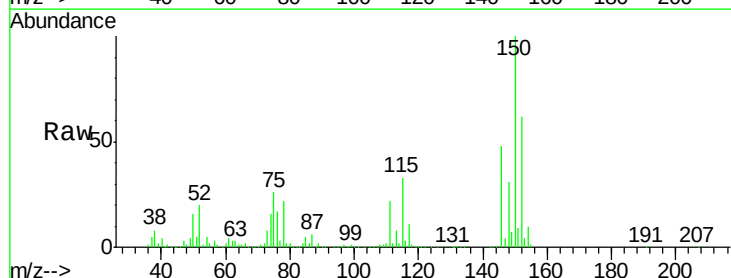
Tgt Ion:152 Resp: 191605

Ion Ratio Lower Upper

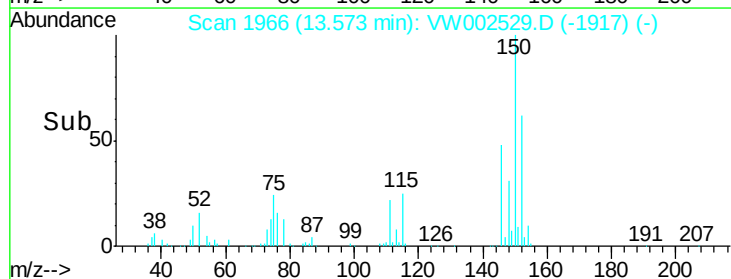
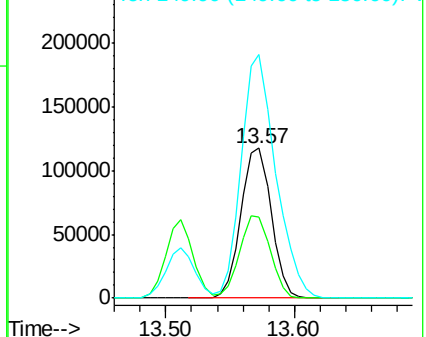
152 100

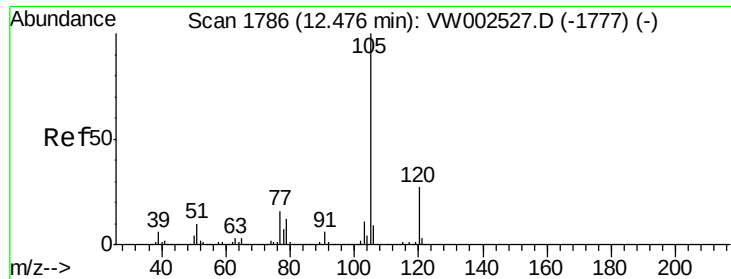
115 55.7 28.0 84.0

150 185.0 0.0 345.4



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

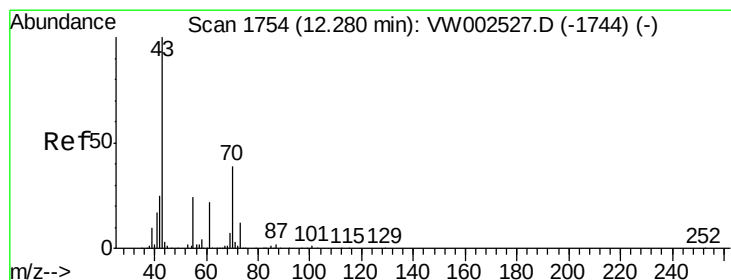
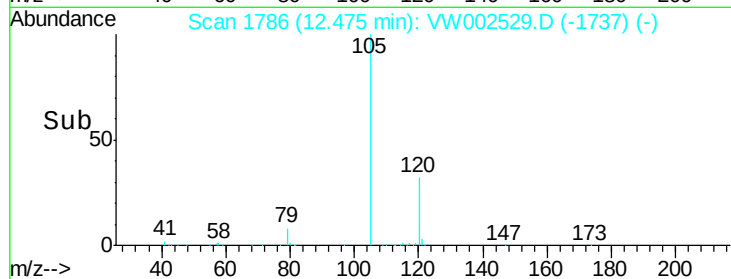
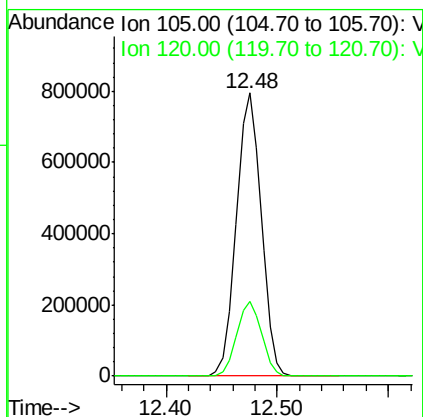
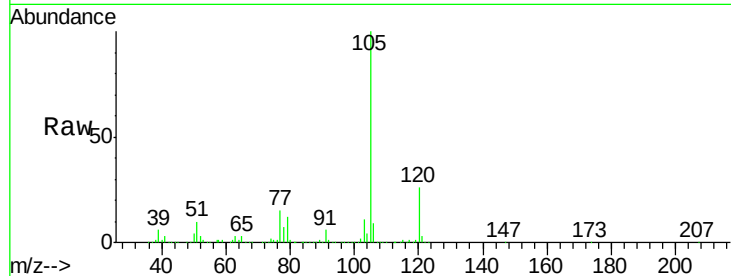




#73
Isopropylbenzene
Concen: 98.96 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

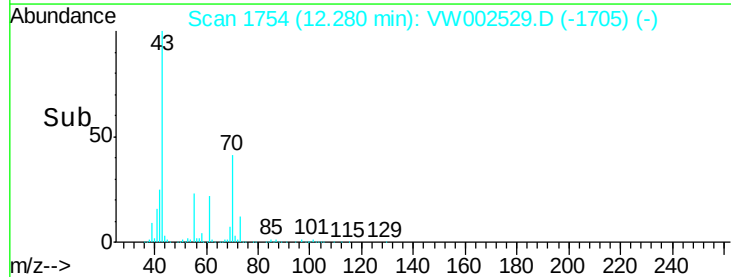
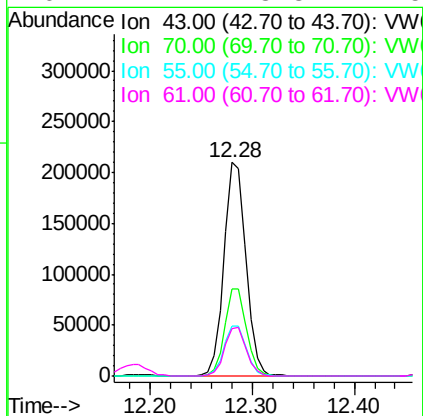
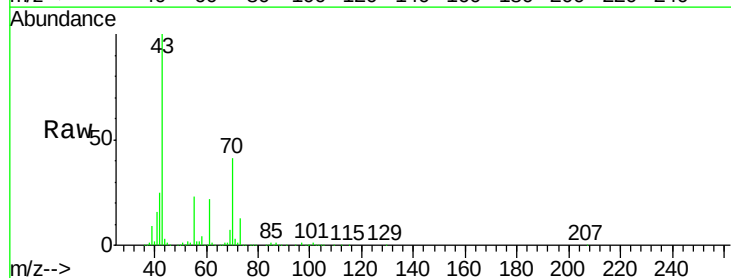
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

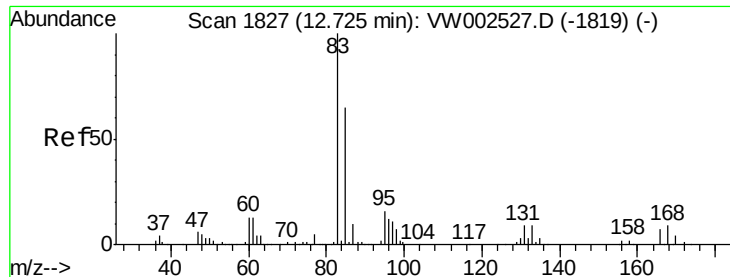
Tgt Ion: 105 Resp: 1227128
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.2



#74
N-ethyl acetate
Concen: 100.08 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

Tgt Ion: 43 Resp: 313202
Ion Ratio Lower Upper
43 100
70 40.7 31.9 47.9
55 23.8 19.4 29.0
61 22.7 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 95.74 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

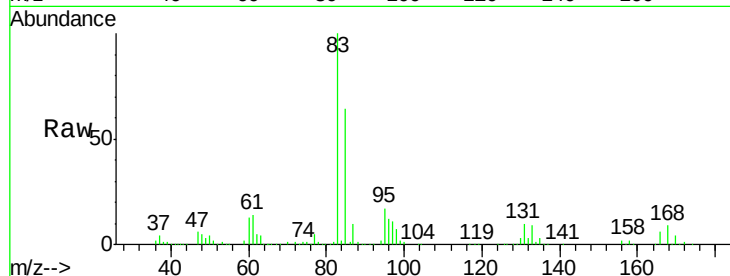
Tgt Ion: 83 Resp: 232020

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

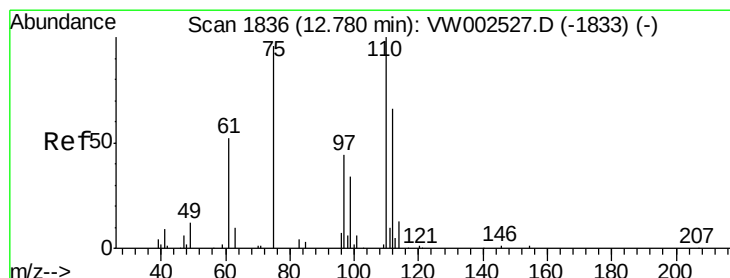
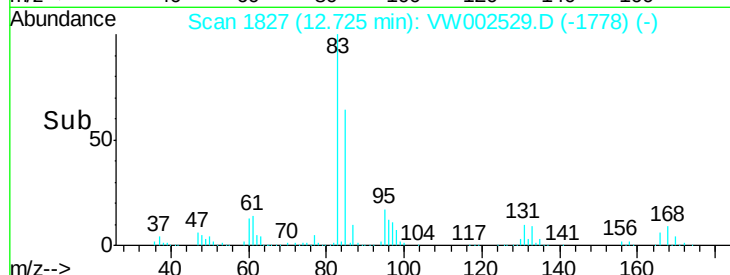
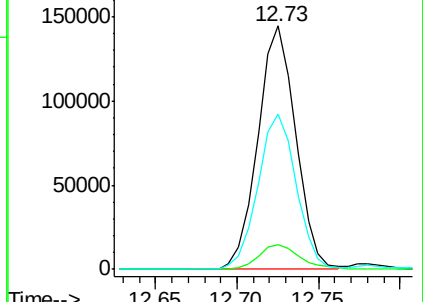
85 64.5 31.6 94.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 174.99 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VW002529.D

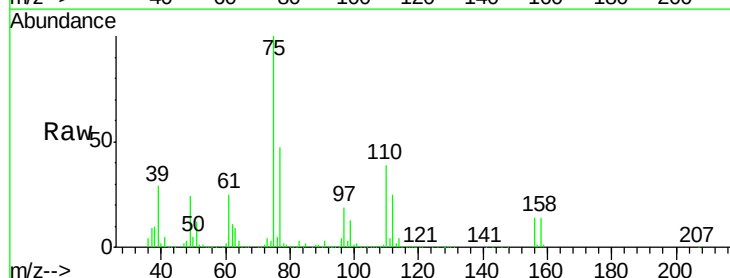
Acq: 14 May 2018 22:56

Tgt Ion: 75 Resp: 309842

Ion Ratio Lower Upper

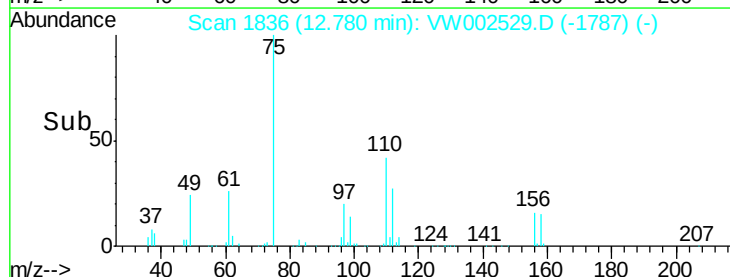
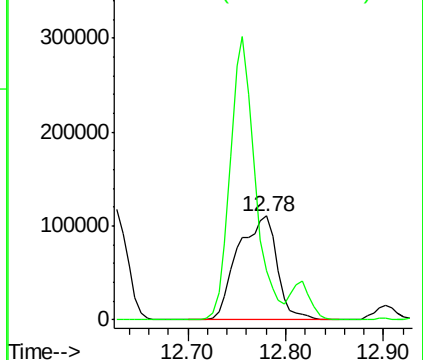
75 100

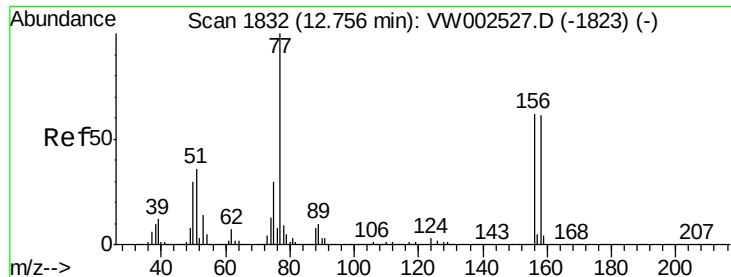
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 94.65 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

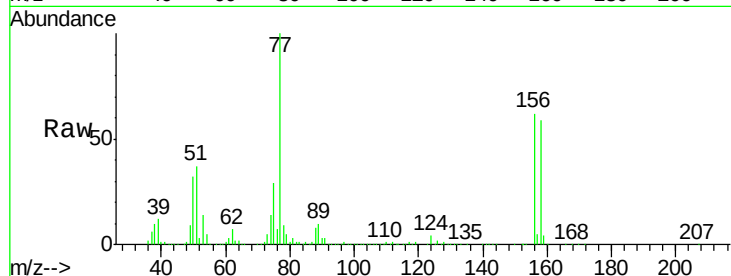
Tgt Ion:156 Resp: 296186

Ion Ratio Lower Upper

156 100

77 181.0 89.8 269.4

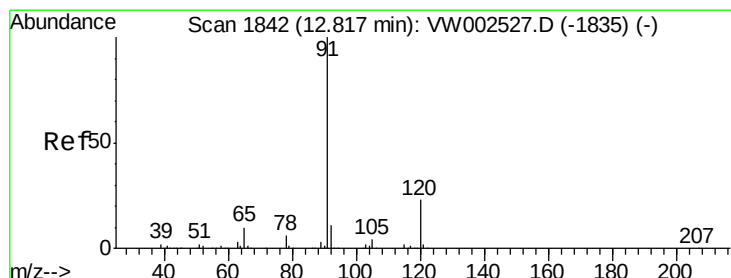
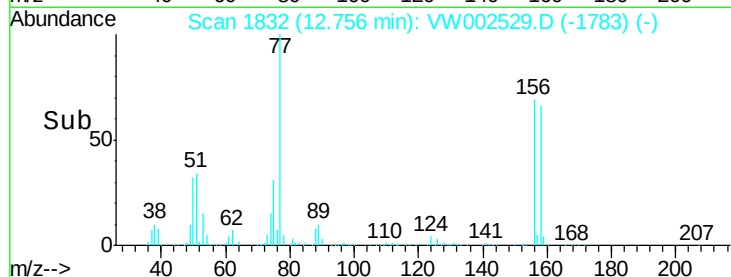
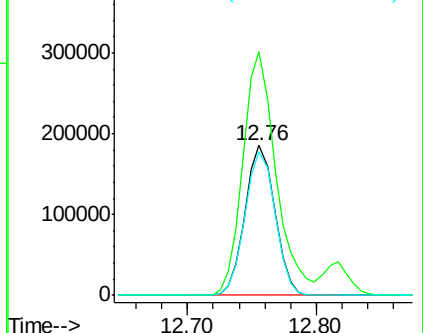
158 97.3 48.8 146.3



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: 99.95 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW002529.D

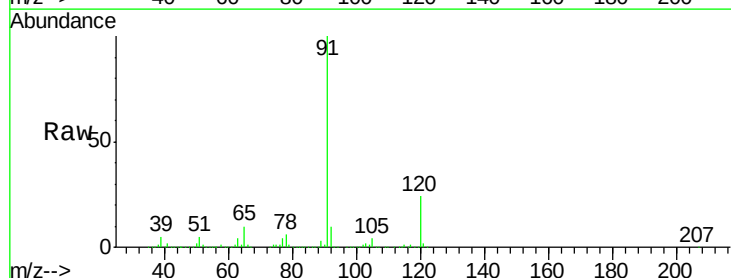
Acq: 14 May 2018 22:56

Tgt Ion: 91 Resp: 1469395

Ion Ratio Lower Upper

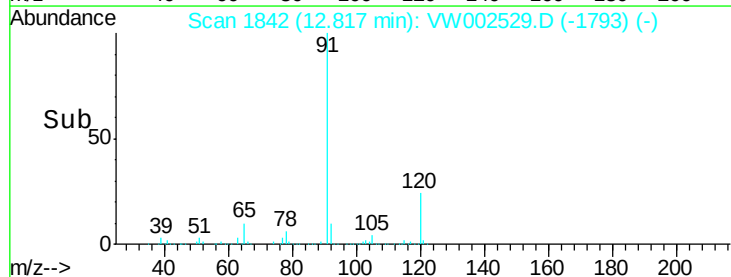
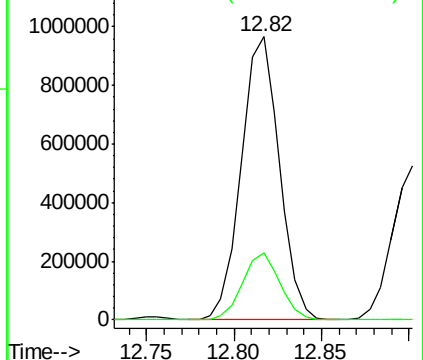
91 100

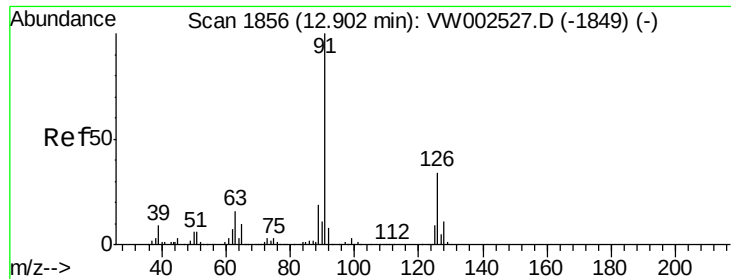
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

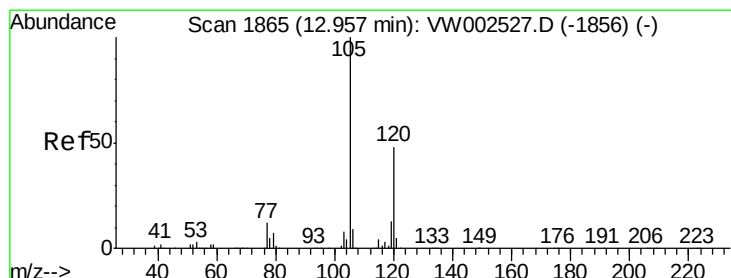
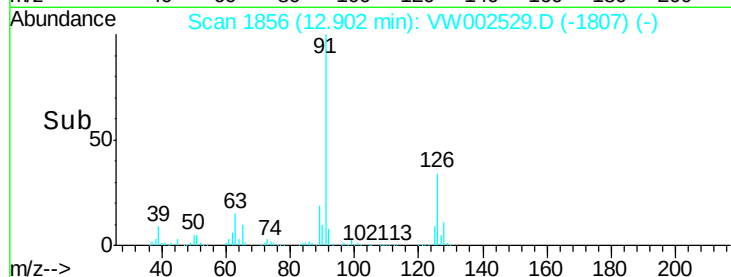
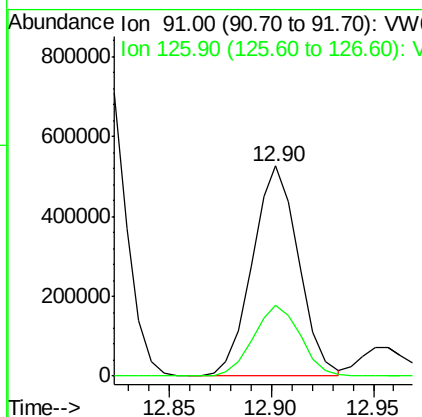
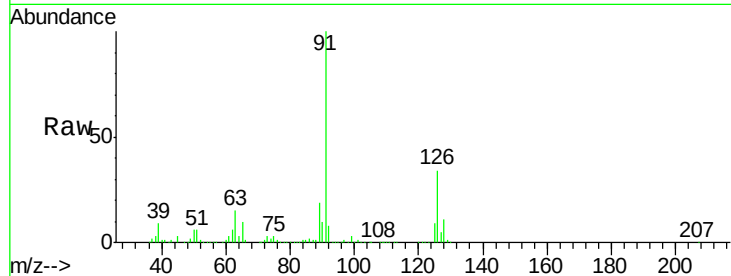




#79
 2-Chlorotoluene
 Concen: 98.10 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

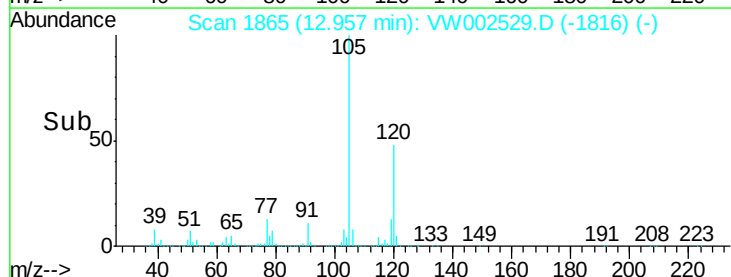
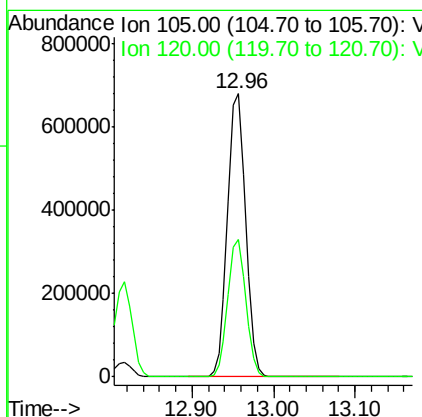
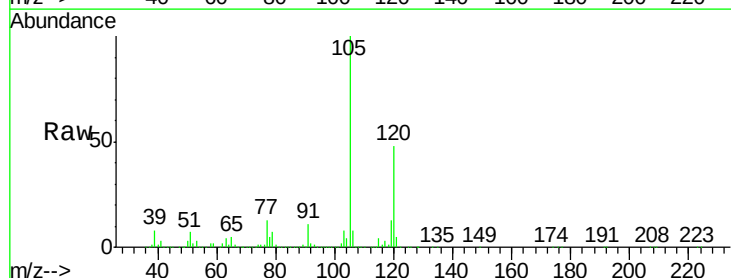
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

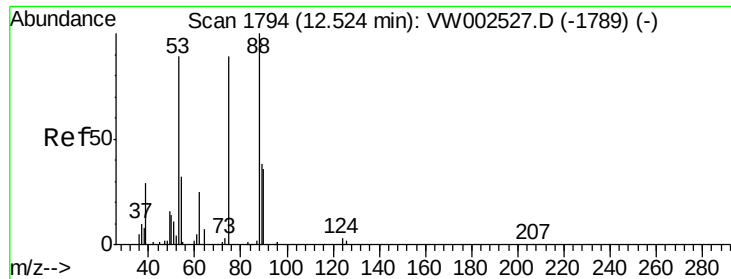
Tgt Ion: 91 Resp: 828961
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 99.67 ug/l
 RT: 12.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

Tgt Ion: 105 Resp: 1040426
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 109.10 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

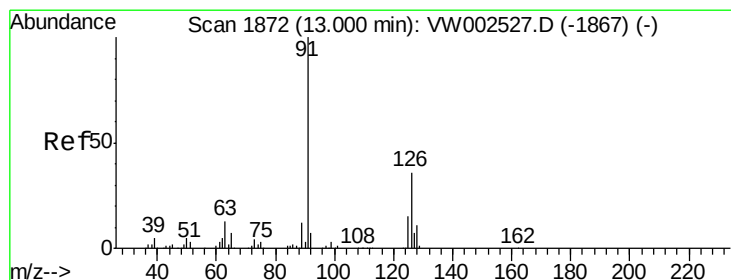
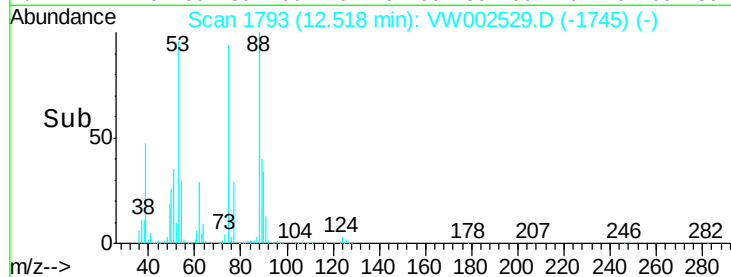
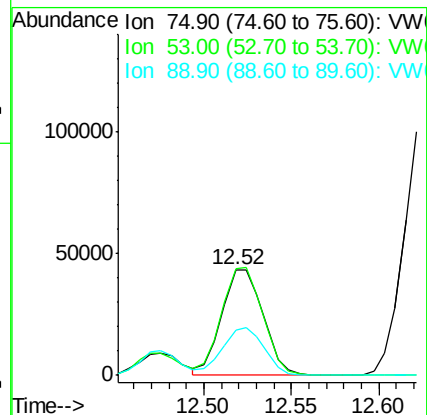
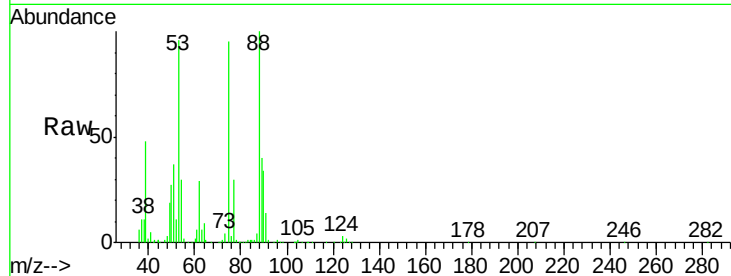
Tgt Ion: 75 Resp: 71088

Ion Ratio Lower Upper

75 100

53 102.7 82.6 124.0

89 46.1 39.2 58.8



#82

4-Chlorotoluene

Concen: 98.20 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VW002529.D

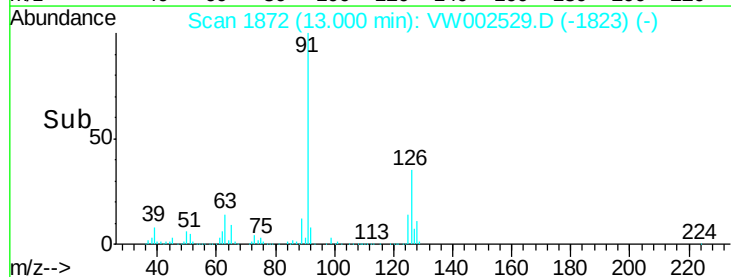
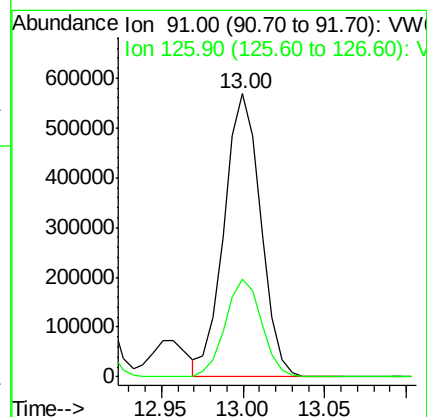
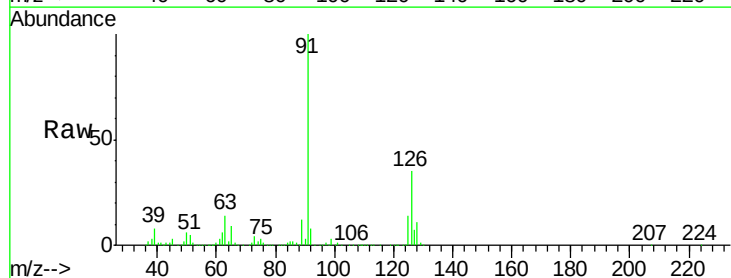
Acq: 14 May 2018 22:56

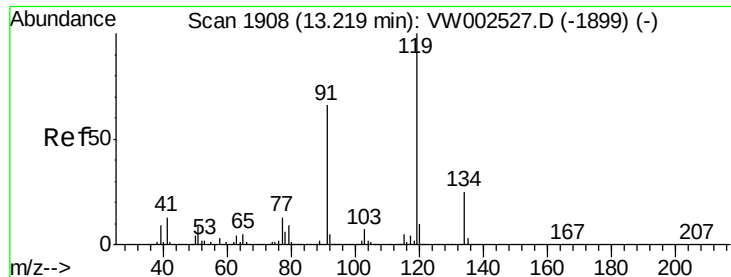
Tgt Ion: 91 Resp: 883965

Ion Ratio Lower Upper

91 100

126 34.4 17.5 52.5

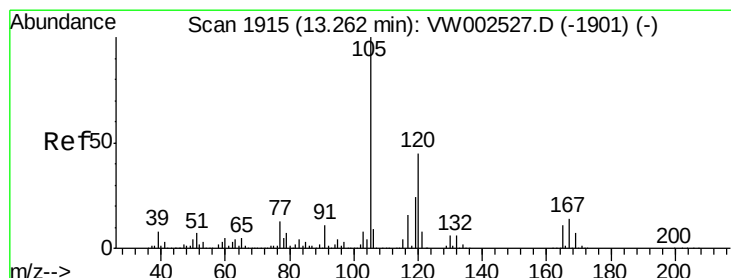
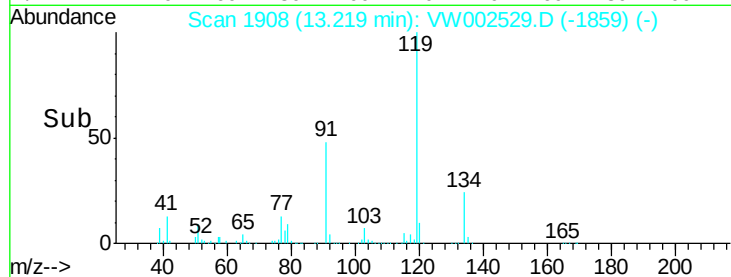
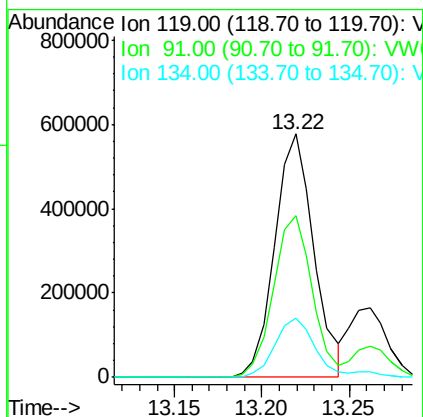
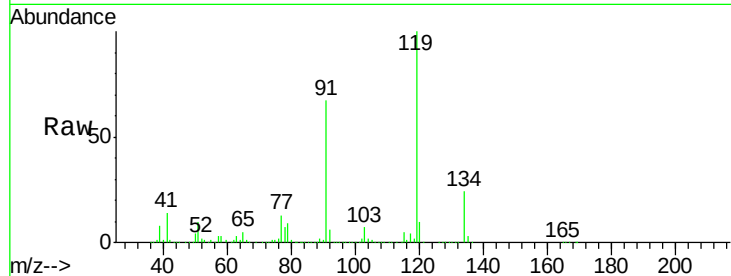




#83
 tert-Butylbenzene
 Concen: 100.42 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

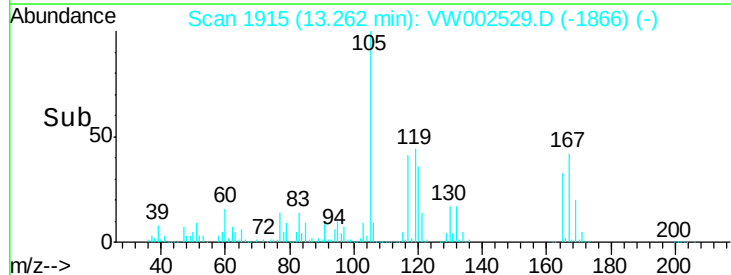
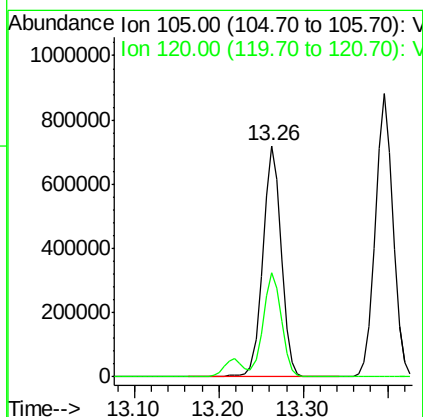
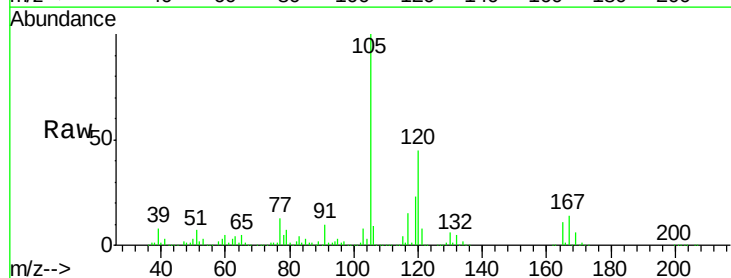
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

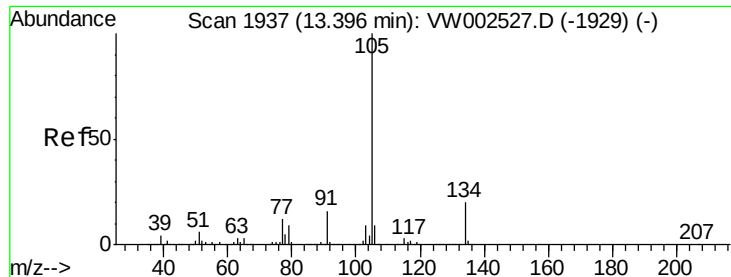
Tgt Ion:119 Resp: 901131
 Ion Ratio Lower Upper
 119 100
 91 65.8 32.5 97.5
 134 26.0 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 99.88 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

Tgt Ion:105 Resp: 1081536
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 100.15 ug/l

RT: 13.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

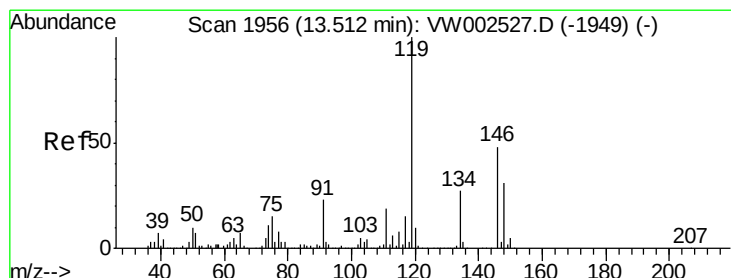
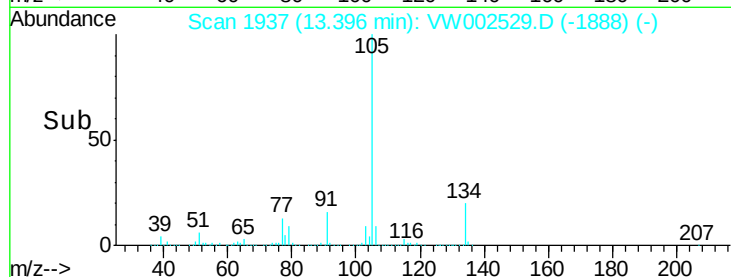
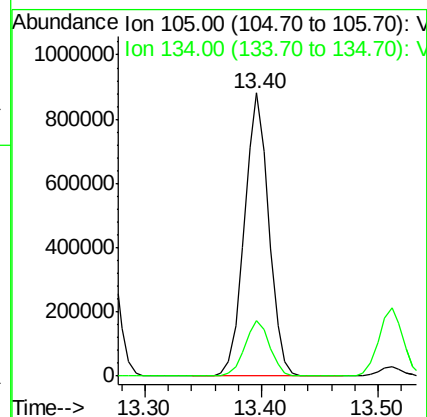
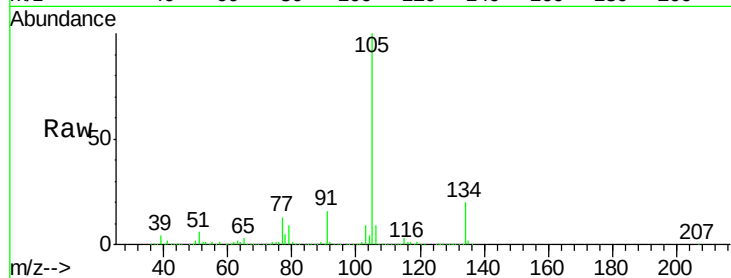
VSTDIC100

Tgt Ion:105 Resp: 1286806

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.3



#86

p-Isopropyltoluene

Concen: 101.95 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

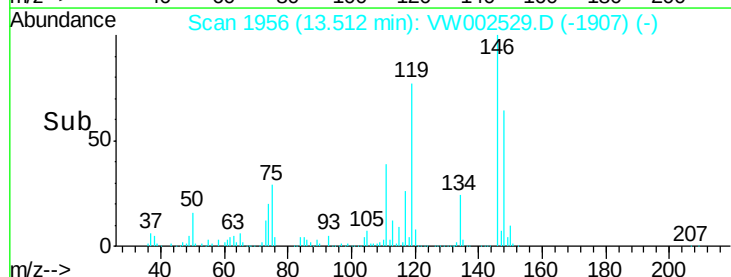
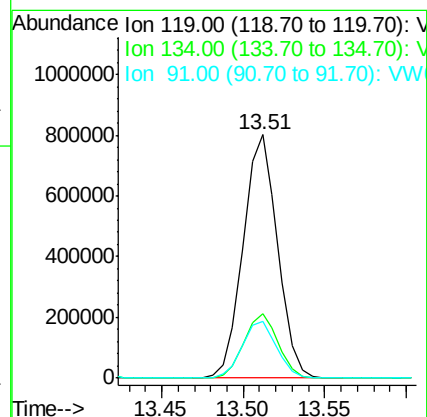
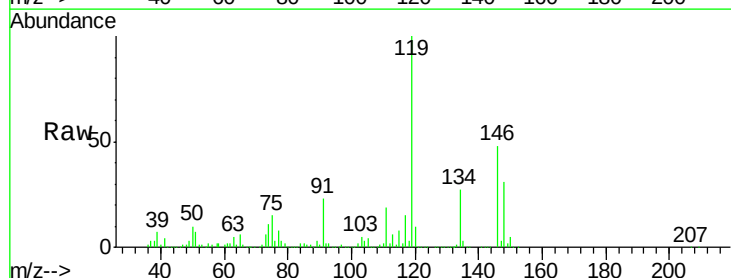
Tgt Ion:119 Resp: 1173745

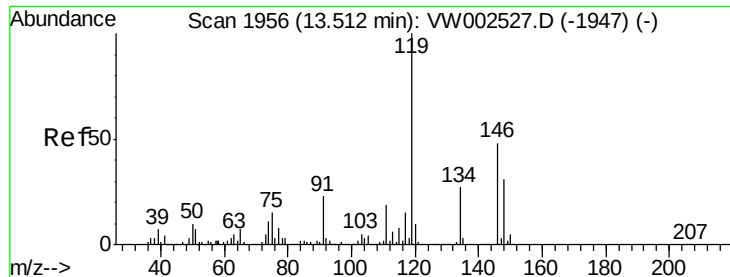
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

91 23.4 11.6 34.8

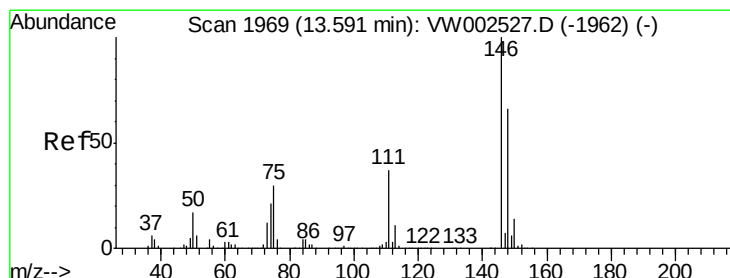
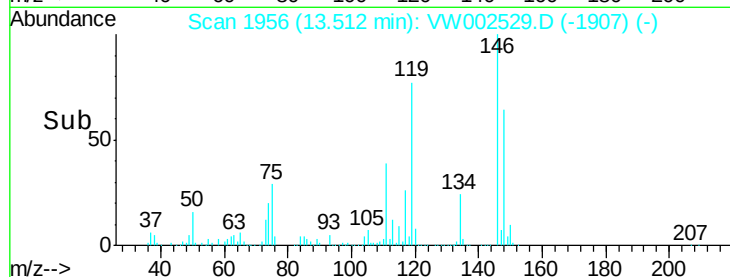
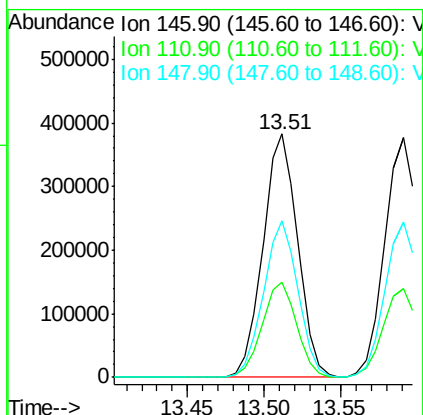
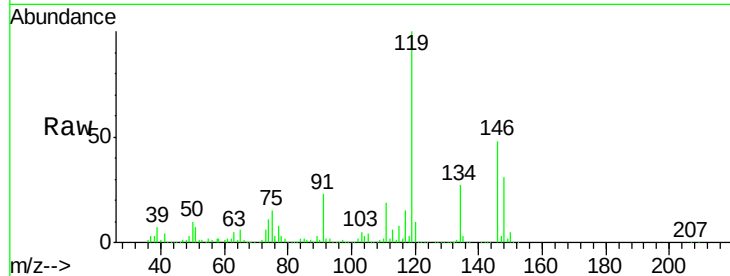




#87
 1,3-Dichlorobenzene
 Concen: 97.46 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

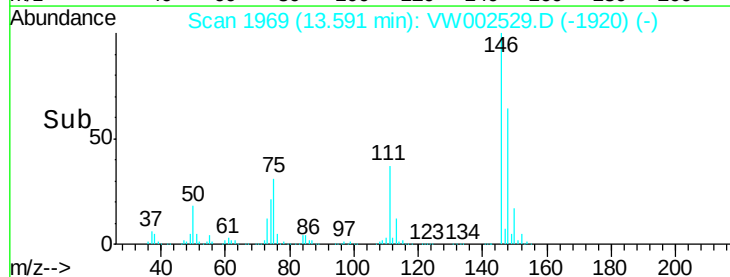
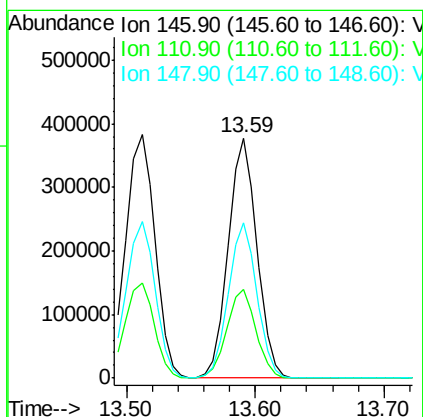
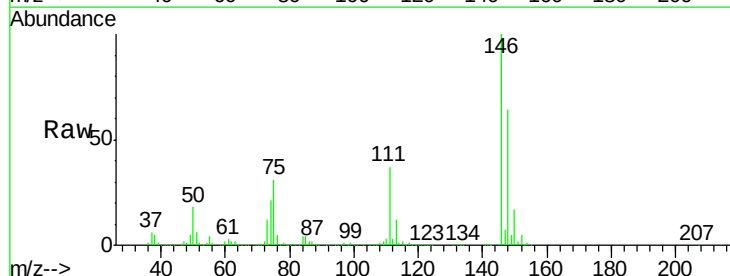
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

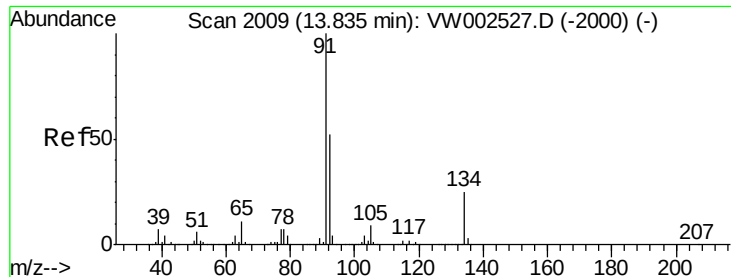
Tgt Ion:146 Resp: 603456
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.6 58.7
 148 63.8 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 95.21 ug/l
 RT: 13.59 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

Tgt Ion:146 Resp: 589002
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.5
 148 64.1 32.4 97.0





#89

n-Butylbenzene

Concen: 101.79 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW002529.D

Acq: 14 May 2018 22:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

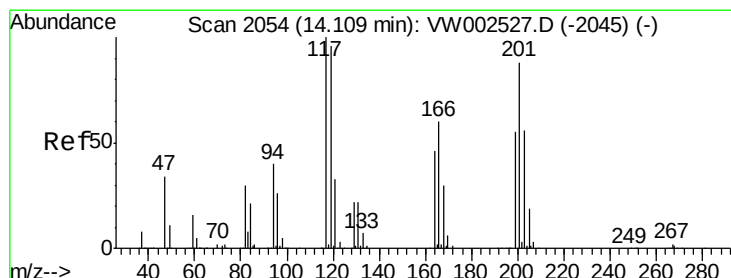
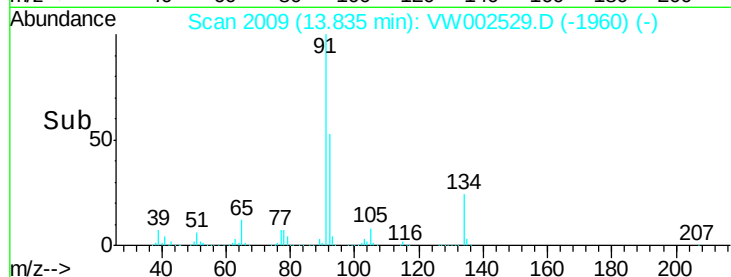
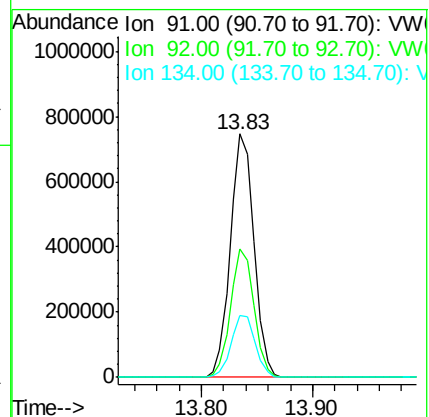
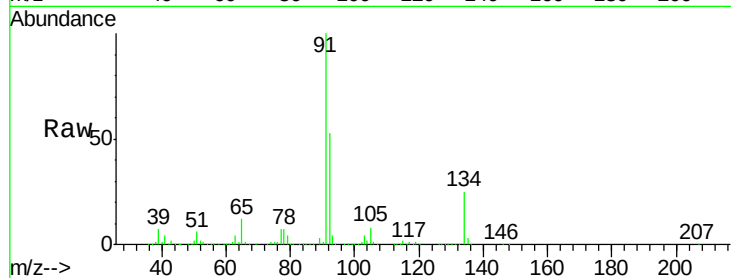
Tgt Ion: 91 Resp: 1095995

Ion Ratio Lower Upper

91 100

92 52.3 26.1 78.2

134 25.9 13.1 39.1



#90

Hexachloroethane

Concen: 100.73 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.01 min

Lab File: VW002529.D

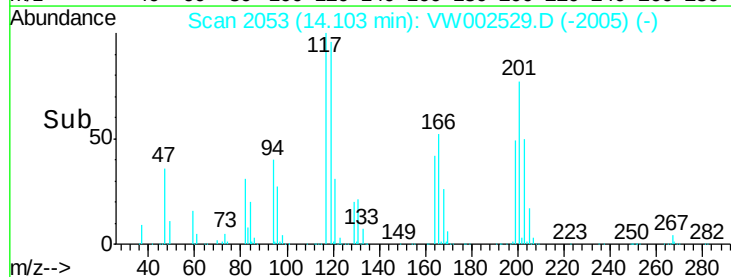
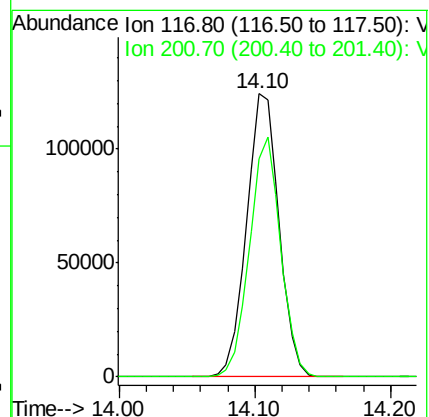
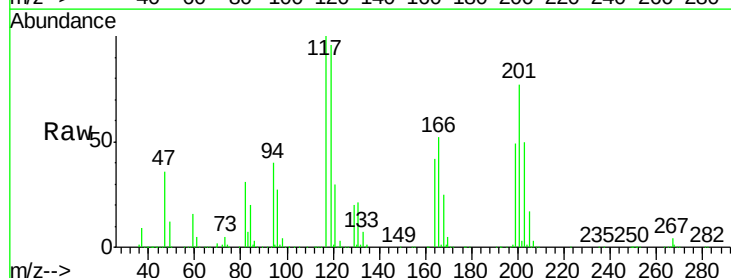
Acq: 14 May 2018 22:56

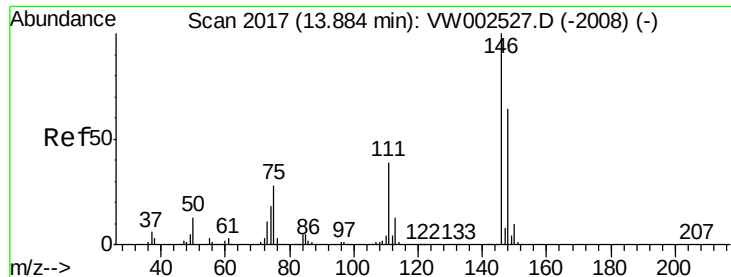
Tgt Ion: 117 Resp: 207203

Ion Ratio Lower Upper

117 100

201 81.5 42.0 126.0

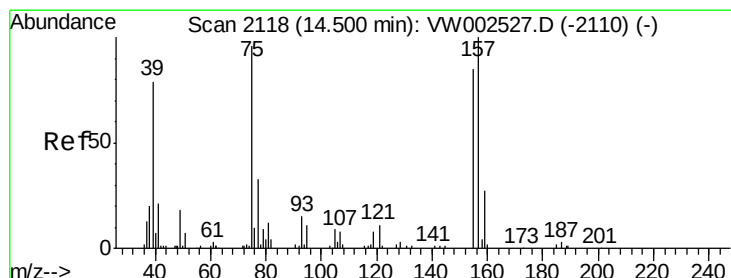
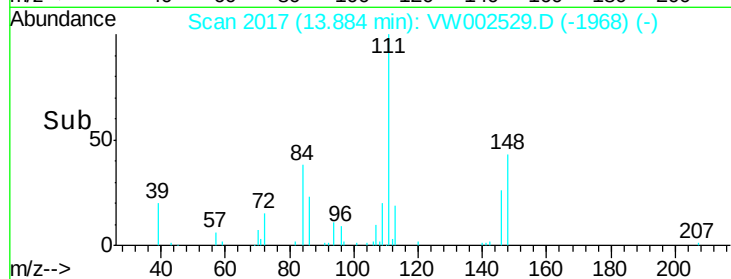
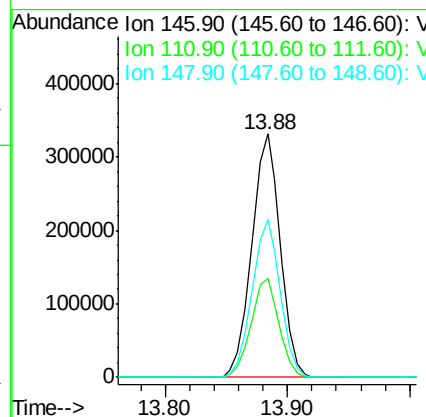
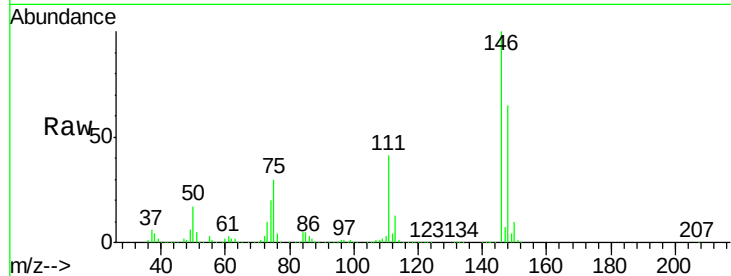




#91
 1,2-Dichlorobenzene
 Concen: 94.95 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

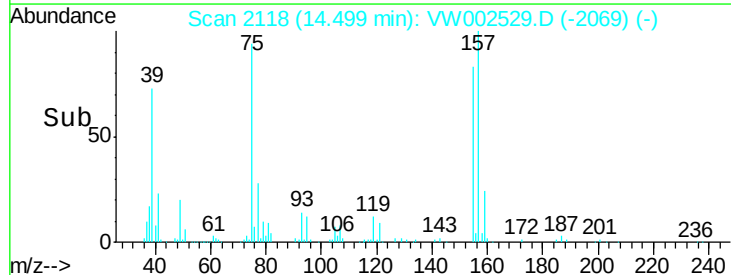
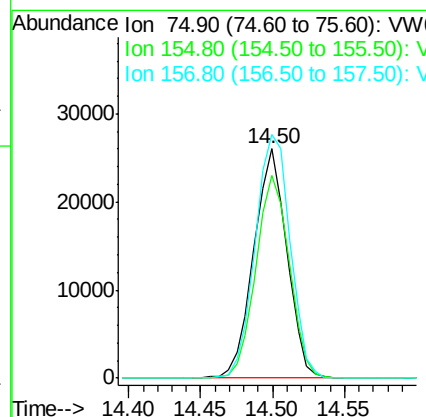
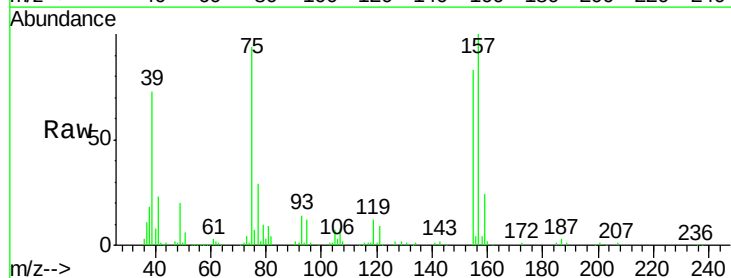
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

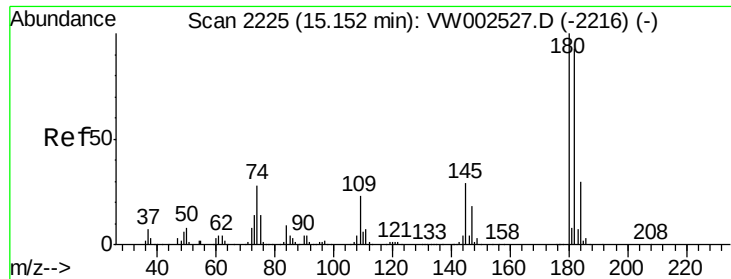
Tgt Ion:146 Resp: 535323
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.9 59.6
 148 64.2 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 98.59 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

Tgt Ion: 75 Resp: 41337
 Ion Ratio Lower Upper
 75 100
 155 89.2 42.8 128.4
 157 111.8 57.4 172.0

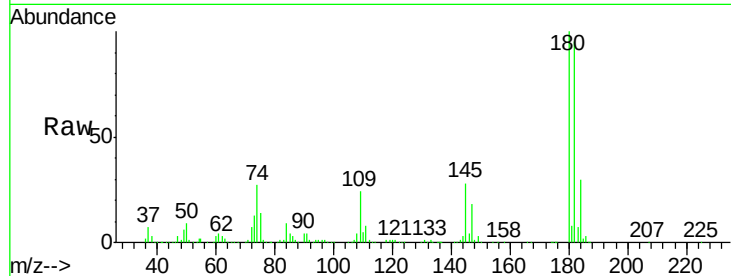




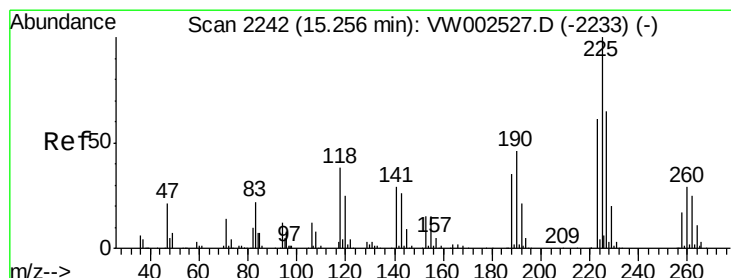
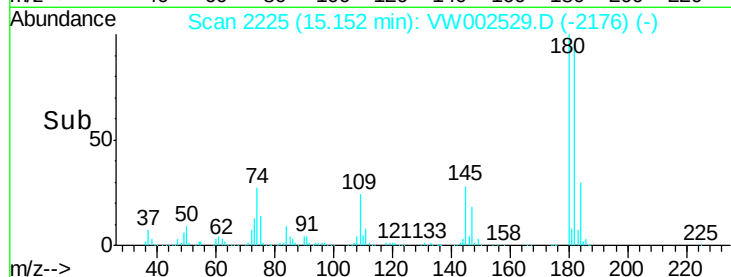
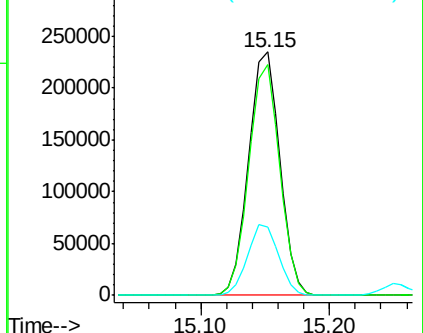
#93
 1,2,4-Trichlorobenzene
 Concen: 97.05 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 392241
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.2 141.6
 145 29.1 14.9 44.9

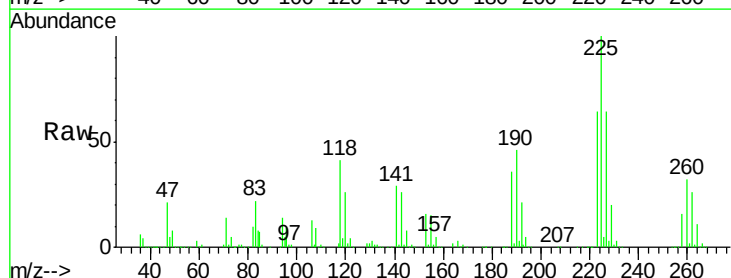


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

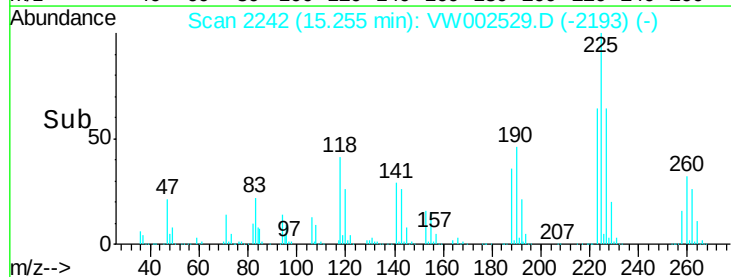
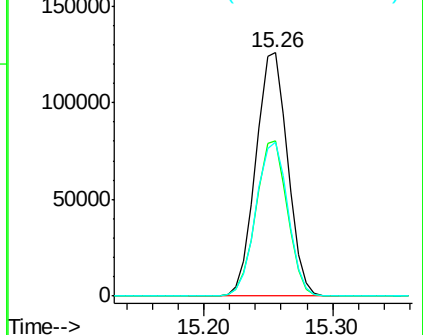


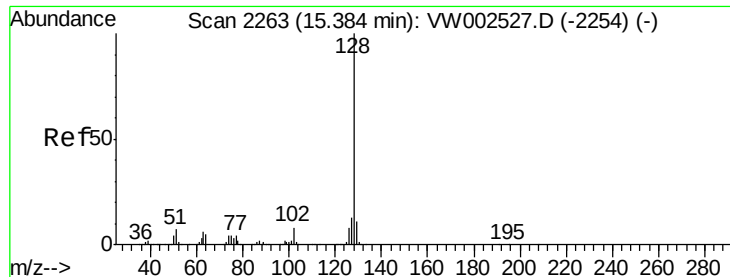
#94
 Hexachlorobutadiene
 Concen: 95.31 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: VW002529.D
 Acq: 14 May 2018 22:56

Tgt Ion:225 Resp: 214471
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.9
 227 63.8 31.9 95.5



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

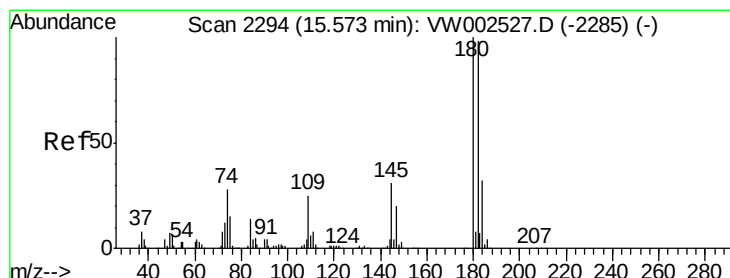
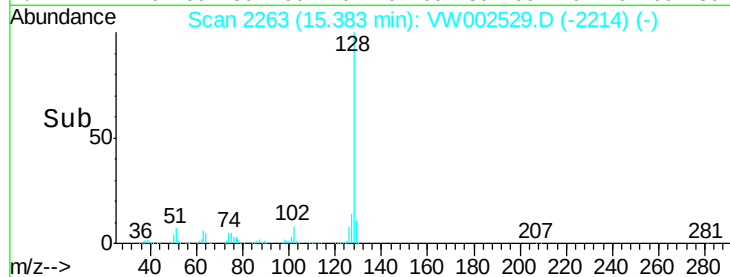
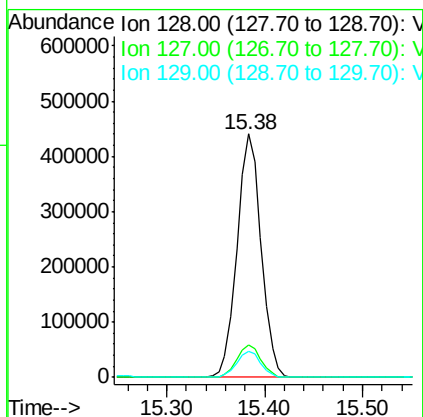
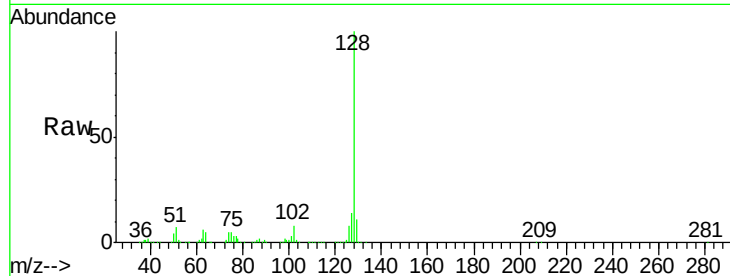




#95
Naphthalene
Concen: 100.45 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.7	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 94.97 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VW002529.D
Acq: 14 May 2018 22:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.3	141.8
145	31.3	15.5	46.5

