

Data File : VW002527.D

Acq On : 14 May 2018 22:06

Operator : JC/SY

Sample : VSTDICCC050

Misc : 5.00G/5ML/MSVOA_W/SOIL

ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Quant Time: May 15 02:26:48 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	236592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	324810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179800	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	120742	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
35) Dibromofluoromethane	7.88	113	110761	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
50) Toluene-d8	10.33	98	425217	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.63	95	154134	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	44415	49.99	ug/l	100
3) Chloromethane	2.21	50	80007	44.75	ug/l	100
4) Vinyl Chloride	2.36	62	129611	44.20	ug/l	100
5) Bromomethane	2.77	94	104182	43.85	ug/l	100
6) Chloroethane	2.92	64	89444	44.79	ug/l	100
7) Trichlorofluoromethane	3.25	101	61582	50.41	ug/l	100
8) Diethyl Ether	3.67	74	68556	49.82	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	99442	46.60	ug/l	100
10) Methyl Iodide	4.26	142	154487	44.99	ug/l	100
11) Tert butyl alcohol	5.18	59	47513	254.69	ug/l	100
12) 1,1-Dichloroethene	4.03	96	94106	44.71	ug/l	100
13) Acrolein	3.88	56	45926	287.81	ug/l	100
14) Allyl chloride	4.65	41	144980	46.70	ug/l	100
15) Acrylonitrile	5.37	53	132293	245.85	ug/l	100
16) Acetone	4.12	43	125060	251.24	ug/l	100
17) Carbon Disulfide	4.37	76	261110	43.05	ug/l	100
18) Methyl Acetate	4.67	43	75115	50.47	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	183521	49.15	ug/l	100
20) Methylene Chloride	4.90	84	102920	44.03	ug/l	100
21) trans-1,2-Dichloroethene	5.41	96	104584	45.97	ug/l	100
22) Diisopropyl ether	6.31	45	322444	47.21	ug/l	100
23) Vinyl Acetate	6.25	43	1010044	245.88	ug/l	100
24) 1,1-Dichloroethane	6.21	63	190035	46.01	ug/l	100
25) 2-Butanone	7.17	43	187344	254.97	ug/l	100
26) 2,2-Dichloropropane	7.17	77	104085	49.72	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	118399	45.99	ug/l	100
28) Bromochloromethane	7.51	49	85750	45.63	ug/l	100
29) Tetrahydrofuran	7.53	42	118186	246.52	ug/l	100
30) Chloroform	7.67	83	202128	46.63	ug/l	100
31) Cyclohexane	7.95	56	161040	43.79	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	157978	48.30	ug/l	100
36) 1,1-Dichloropropene	8.08	75	154513	49.20	ug/l	100
37) Ethyl Acetate	7.26	43	78946	51.11	ug/l	100
38) Carbon Tetrachloride	8.07	117	152964	50.20	ug/l	100

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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)
39) Methylcyclohexane	9.34	83	178518	48.86	ug/l	100
40) Benzene	8.32	78	436622	47.80	ug/l	100
41) Methacrylonitrile	7.49	41	44003	50.74	ug/l	100
42) 1,2-Dichloroethane	8.40	62	138915	48.48	ug/l	100
43) Isopropyl Acetate	8.43	43	151901	51.85	ug/l	100
44) Trichloroethene	9.09	130	119343	47.79	ug/l	100
45) 1,2-Dichloropropane	9.37	63	111975	48.67	ug/l	100
46) Dibromomethane	9.46	93	64036	49.65	ug/l	100
47) Bromodichloromethane	9.65	83	151026	49.72	ug/l	100
48) Methyl methacrylate	9.44	41	73629	51.84	ug/l	100
49) 1,4-Dioxane	9.45	88	21812	1048.17	ug/l	100
51) 4-Methyl-2-Pentanone	10.22	43	423616	261.00	ug/l	100
52) Toluene	10.39	92	280313	48.32	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	156109	51.86	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	170712	49.92	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	90217	49.63	ug/l	100
56) Ethyl methacrylate	10.65	69	116915	51.95	ug/l	100
57) 1,3-Dichloropropane	10.94	76	153046	49.61	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	282762	258.47	ug/l	100
59) 2-Hexanone	10.98	43	298313	268.25	ug/l	100
60) Dibromochloromethane	11.13	129	109098	50.79	ug/l	100
61) 1,2-Dibromoethane	11.24	107	87461	49.38	ug/l	100
64) Tetrachloroethene	10.87	164	112291	45.54	ug/l	100
65) Chlorobenzene	11.66	112	318542	48.26	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	116327	49.32	ug/l	100
67) Ethyl Benzene	11.74	91	558104	49.08	ug/l	100
68) m/p-Xylenes	11.85	106	432612	98.68	ug/l	100
69) o-Xylene	12.18	106	205564	49.28	ug/l	100
70) Styrene	12.19	104	342823	49.54	ug/l	100
71) Bromoform	12.36	173	70273	51.55	ug/l	100
73) Isopropylbenzene	12.48	105	565521	48.60	ug/l	100
74) N-amyl acetate	12.28	43	149904	51.05	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.73	83	115222	50.67	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	149154	89.77	ug/l #	100
77) Bromobenzene	12.76	156	141176	48.08	ug/l	100
78) n-propylbenzene	12.82	91	681670	49.41	ug/l	100
79) 2-Chlorotoluene	12.90	91	381987	48.17	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	484238	49.43	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	32668	53.43	ug/l	100
82) 4-Chlorotoluene	13.00	91	410559	48.60	ug/l	100
83) tert-Butylbenzene	13.22	119	419649	49.84	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	507095	49.91	ug/l	100
85) sec-Butylbenzene	13.40	105	607295	50.37	ug/l	100
86) p-Isopropyltoluene	13.51	119	550111	50.92	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	283024	48.71	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	281362	48.47	ug/l	100
89) n-Butylbenzene	13.84	91	517487	51.21	ug/l	100
90) Hexachloroethane	14.11	117	97101	50.30	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	259445	49.04	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.50	75	20585	52.32	ug/l	100

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

Data File : VW002527.D
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Sample : VSTDICCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

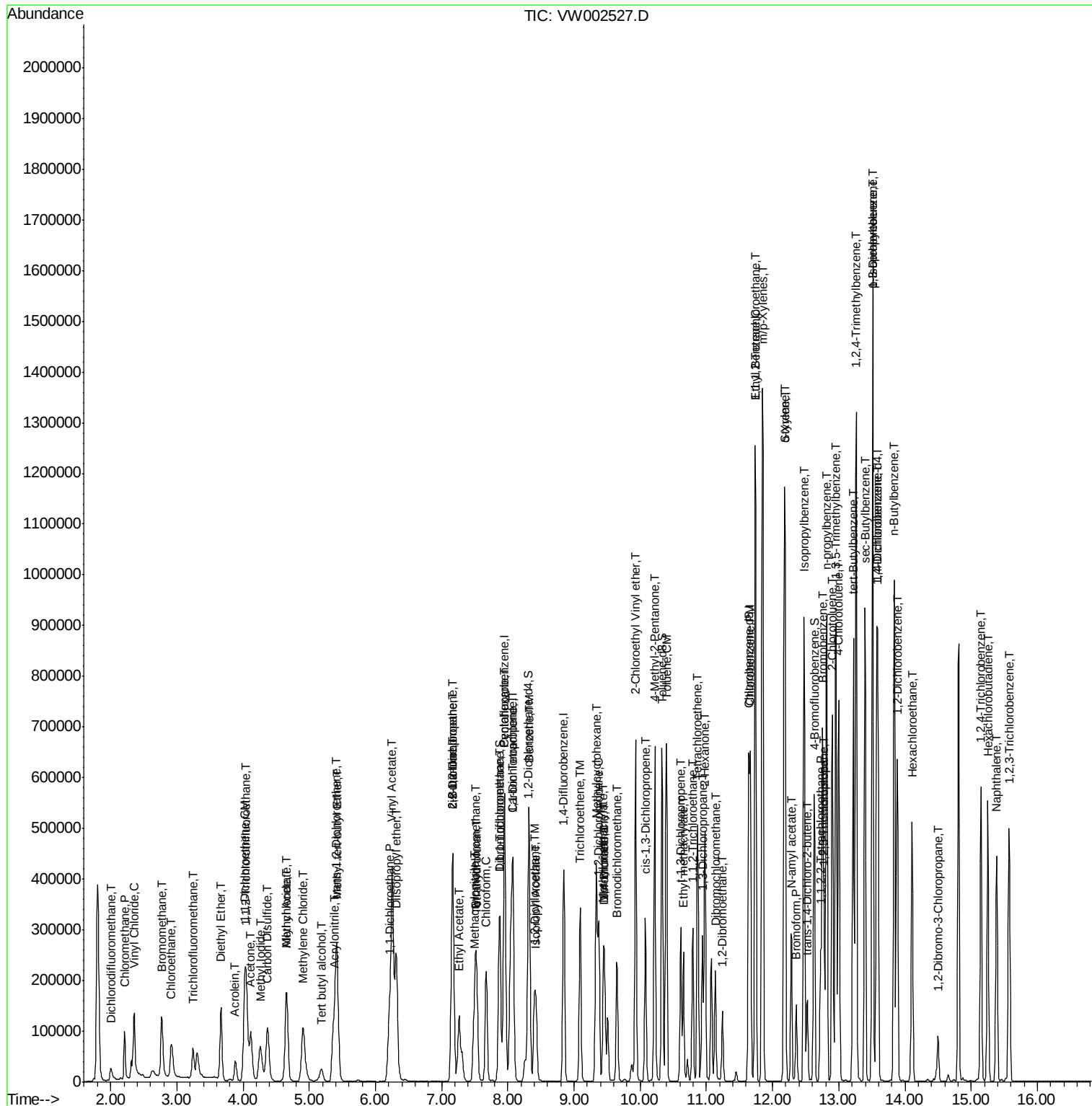
Quant Time: May 15 02:26:48 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W051518S.M
Quant Title : SW846 8260
QLast Update : Tue May 15 02:22:37 2018
Response via : Initial Calibration

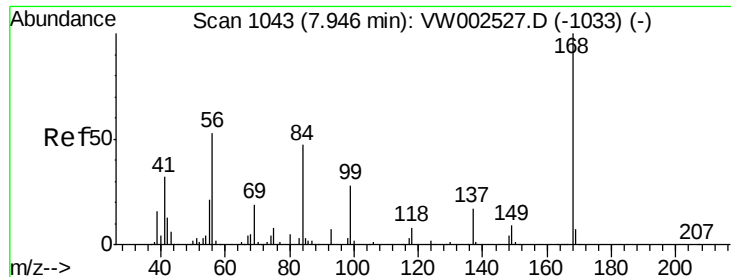
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	190699	50.28	ug/l	100
94) Hexachlorobutadiene	15.26	225	106595	50.48	ug/l	100
95) Naphthalene	15.38	128	370449	52.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	170660	50.15	ug/l	100

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

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ALS Vial      : 22      Sample Multiplier: 1
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

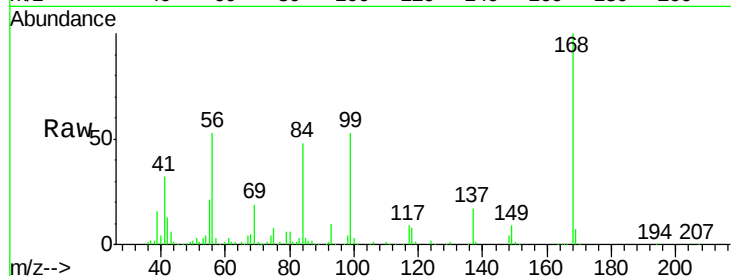
VSTDICCC050

Tgt Ion:168 Resp: 236592

Ion Ratio Lower Upper

168 100

99 53.3 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

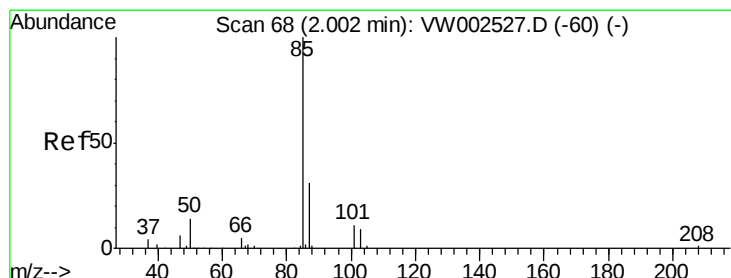
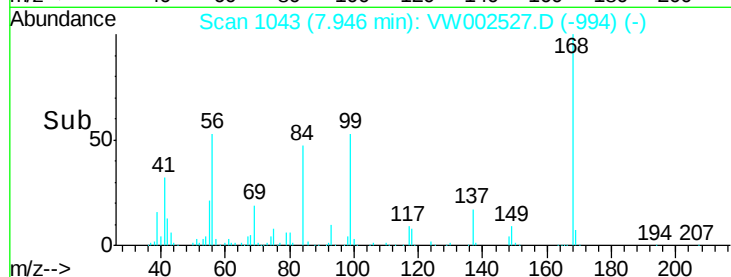
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 49.99 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW002527.D

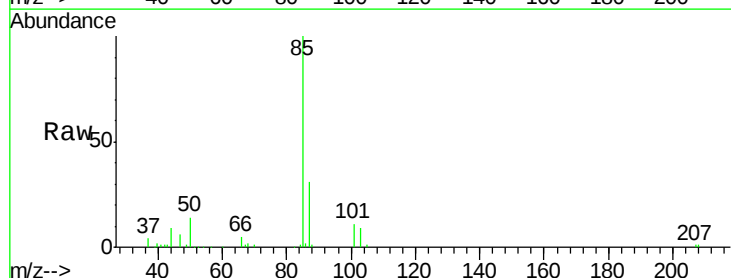
Acq: 14 May 2018 22:06

Tgt Ion: 85 Resp: 44415

Ion Ratio Lower Upper

85 100

87 30.7 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

15000

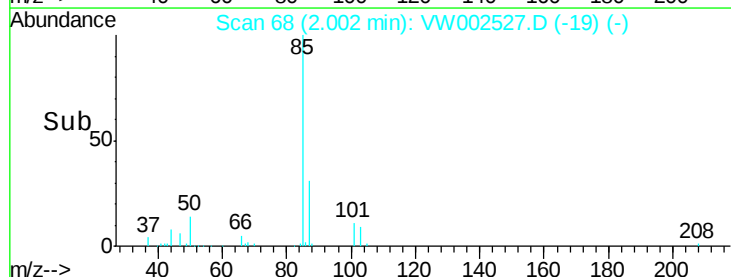
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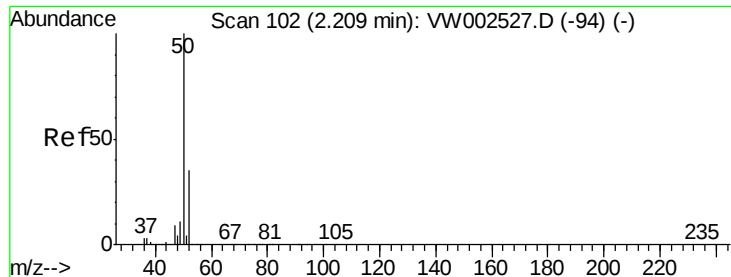
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 44.75 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

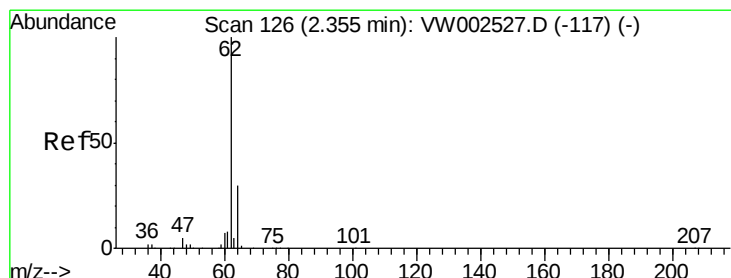
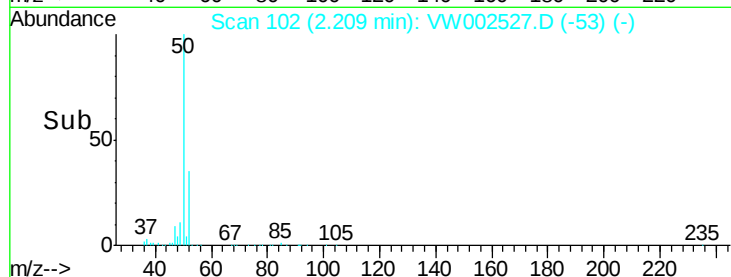
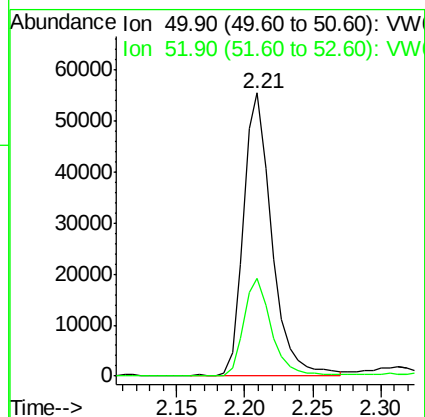
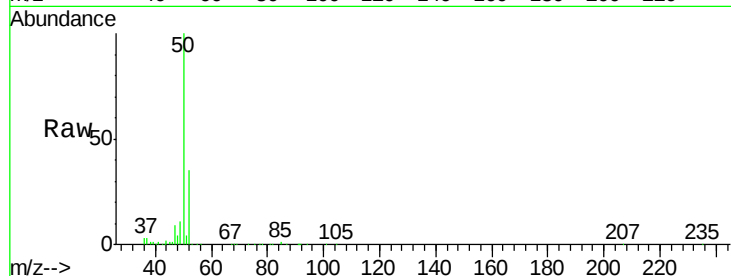
VSTDICCC050

Tgt Ion: 50 Resp: 80007

Ion Ratio Lower Upper

50 100

52 34.8 27.8 41.8



#4

Vinyl Chloride

Concen: 44.20 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW002527.D

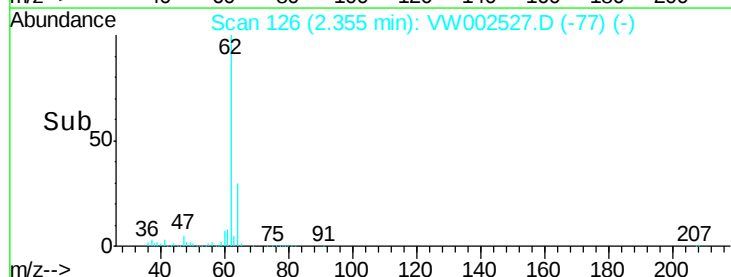
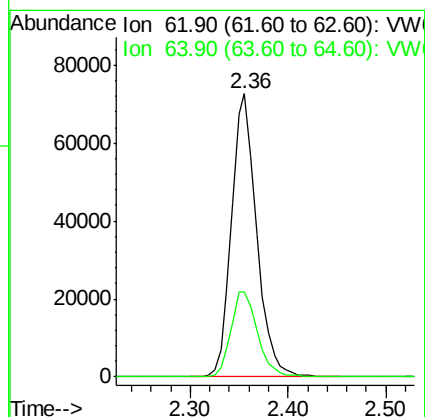
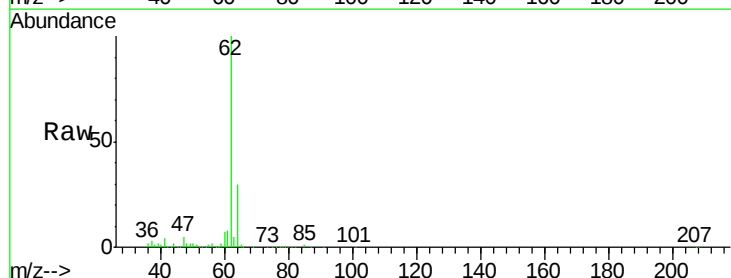
Acq: 14 May 2018 22:06

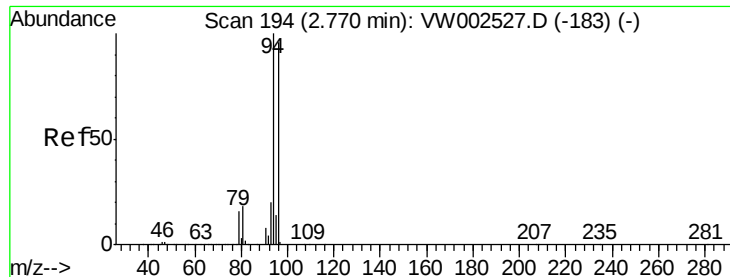
Tgt Ion: 62 Resp: 129611

Ion Ratio Lower Upper

62 100

64 30.0 24.0 36.0





#5

Bromomethane

Concen: 43.85 ug/l

RT: 2.77 min Scan# 194

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

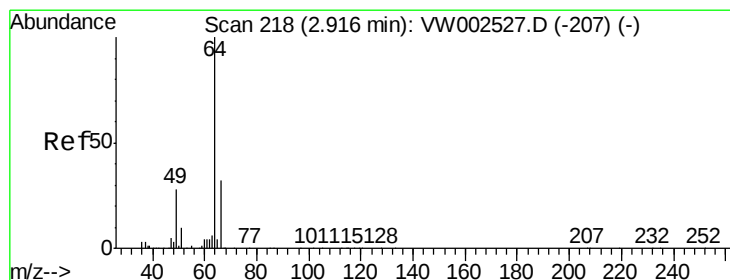
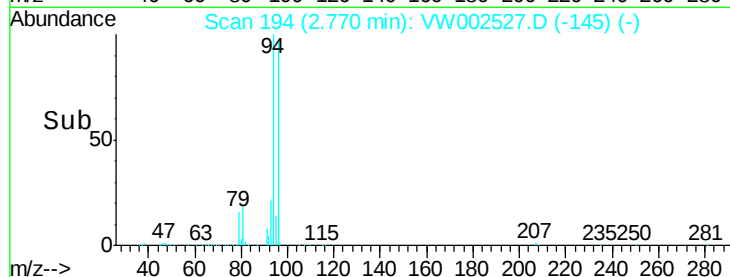
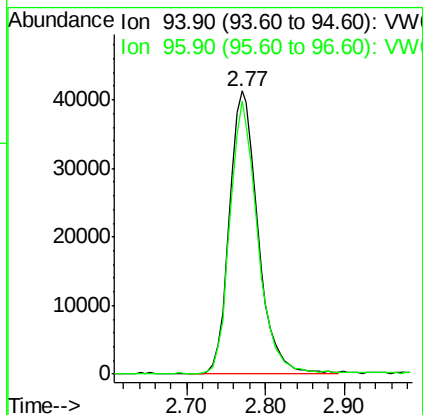
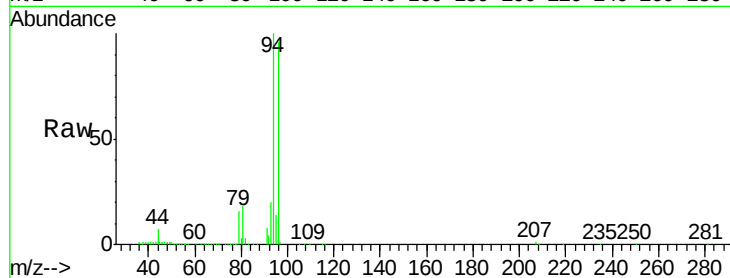
VSTDICCC050

Tgt Ion: 94 Resp: 104182

Ion Ratio Lower Upper

94 100

96 96.2 77.0 115.4



#6

Chloroethane

Concen: 44.79 ug/l

RT: 2.92 min Scan# 218

Delta R.T. 0.00 min

Lab File: VW002527.D

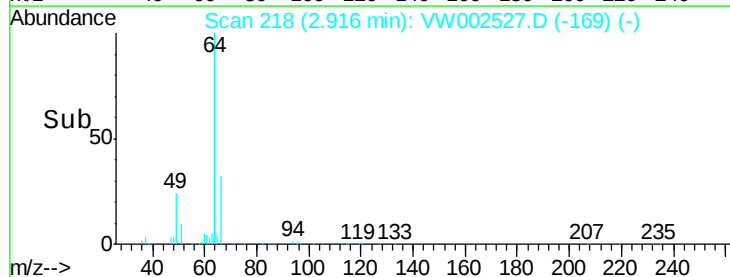
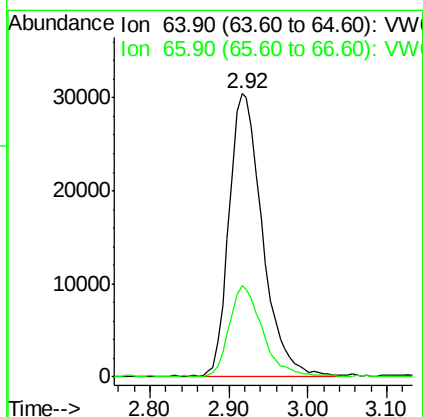
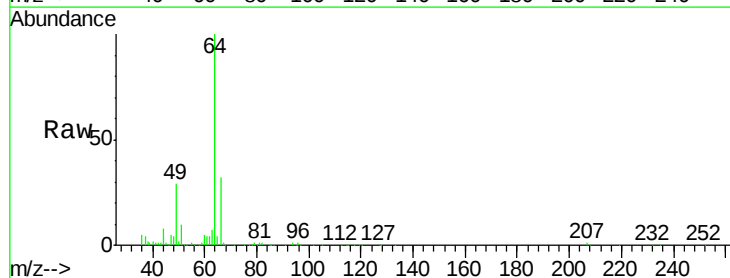
Acq: 14 May 2018 22:06

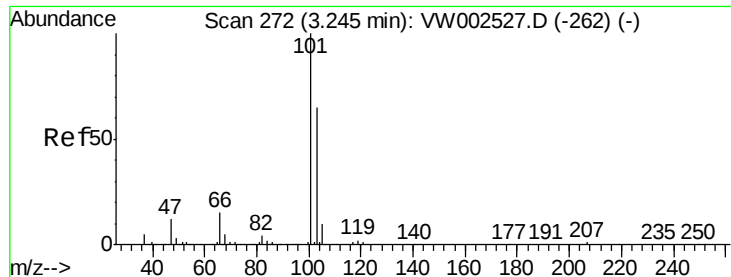
Tgt Ion: 64 Resp: 89444

Ion Ratio Lower Upper

64 100

66 32.3 25.8 38.8



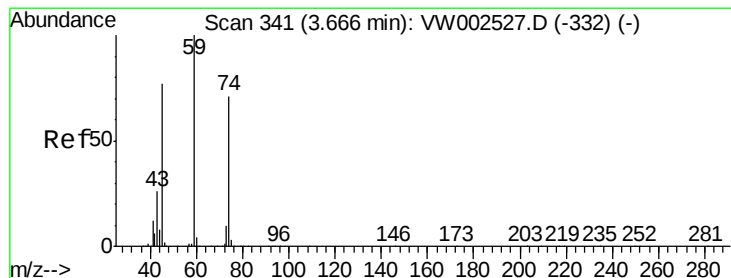
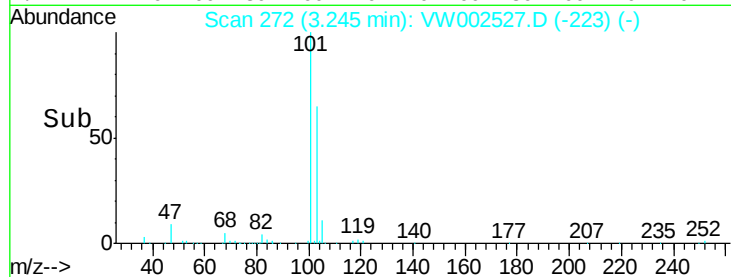
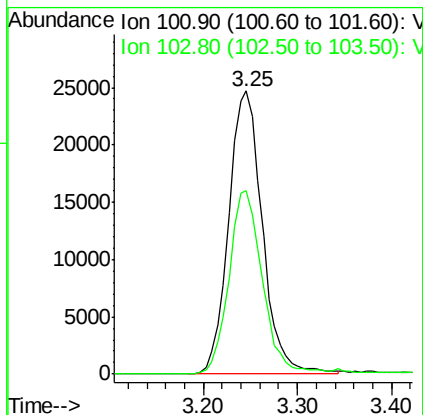
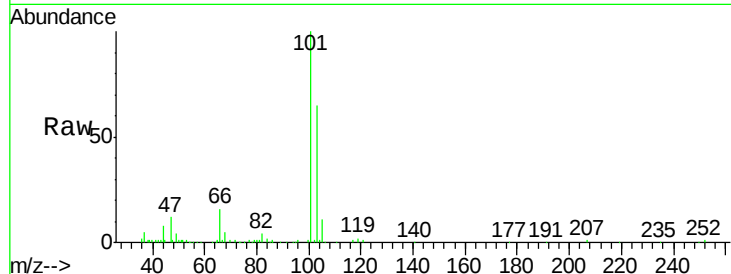


#7

Trichlorofluoromethane
 Concen: 50.41 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

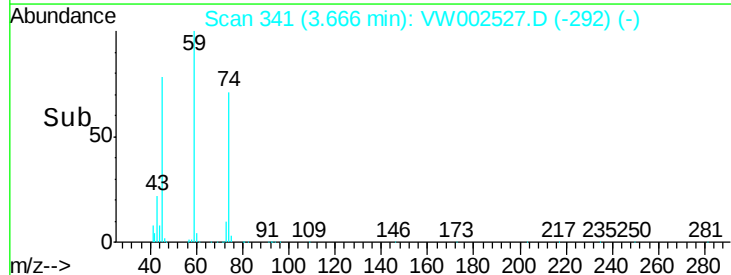
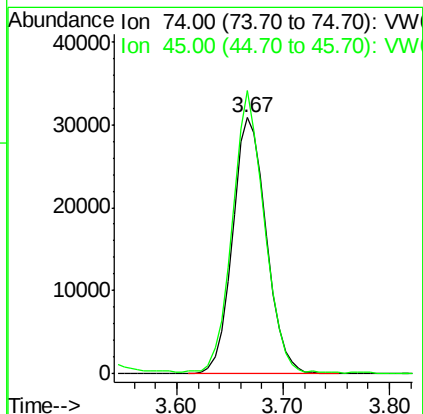
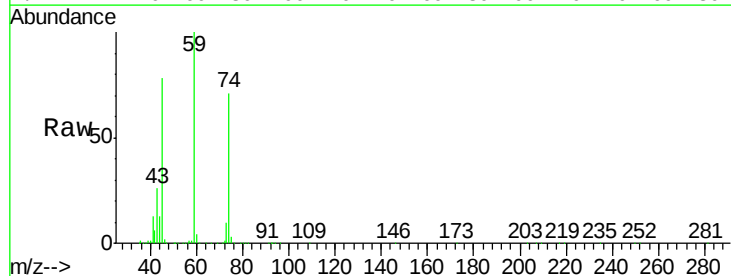
Tgt Ion:101 Resp: 61582
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.8

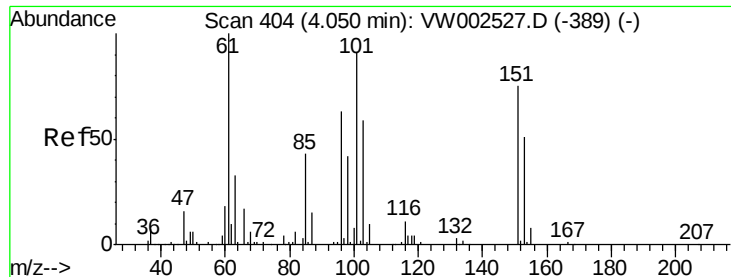


#8

Diethyl Ether
 Concen: 49.82 ug/l
 RT: 3.67 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion: 74 Resp: 68556
 Ion Ratio Lower Upper
 74 100
 45 104.5 52.3 156.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.60 ug/l

RT: 4.05 min Scan# 404

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

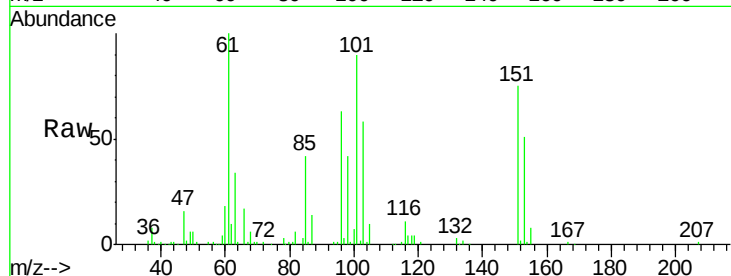
Tgt Ion:101 Resp: 99442

Ion Ratio Lower Upper

101 100

85 45.6 36.5 54.7

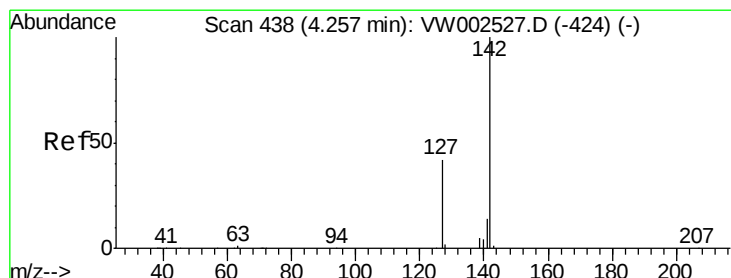
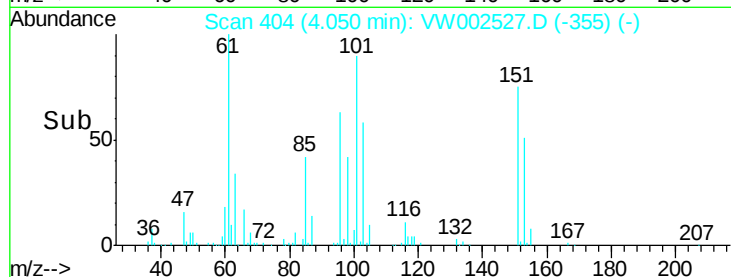
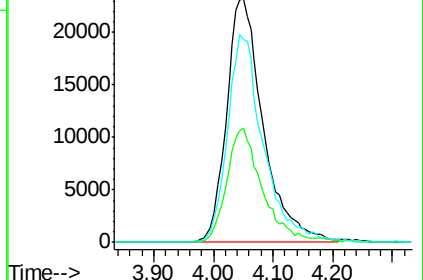
151 83.4 66.7 100.1



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: 44.99 ug/l

RT: 4.26 min Scan# 438

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

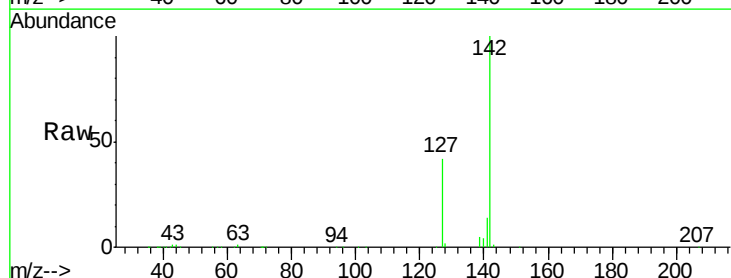
Tgt Ion:142 Resp: 154487

Ion Ratio Lower Upper

142 100

127 43.3 34.6 52.0

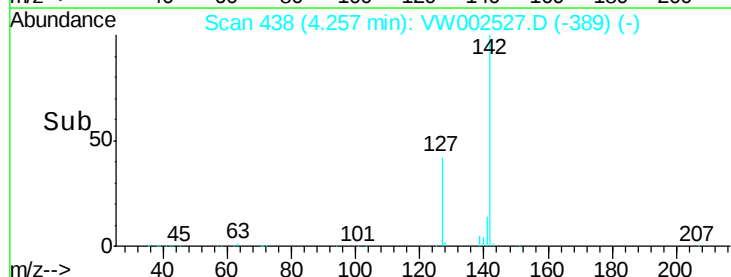
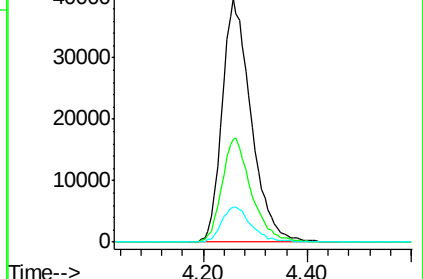
141 14.8 11.8 17.8

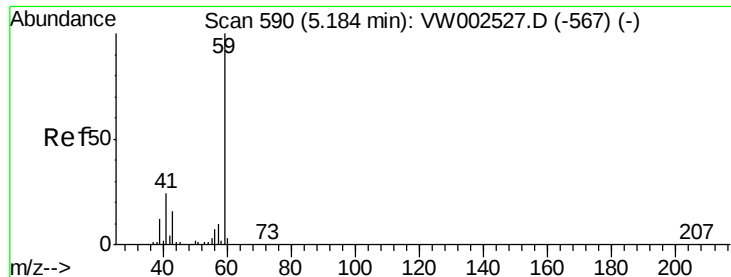


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



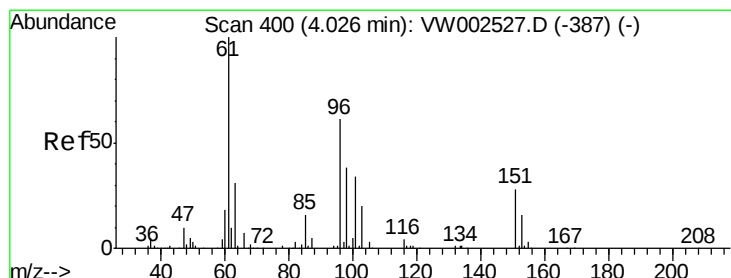
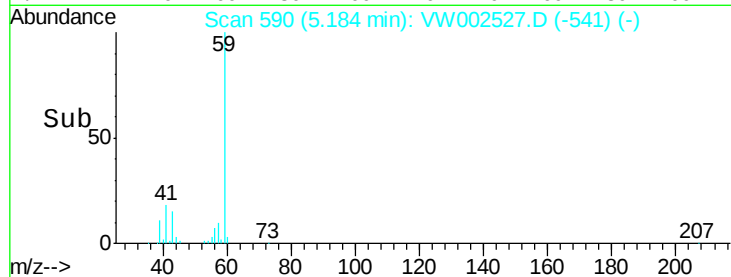
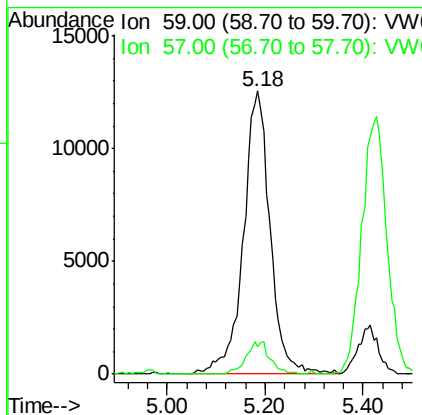
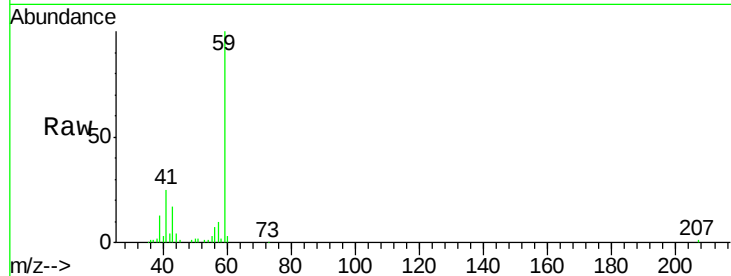


#11

Tert butyl alcohol
 Concen: 254.69 ug/l
 RT: 5.18 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

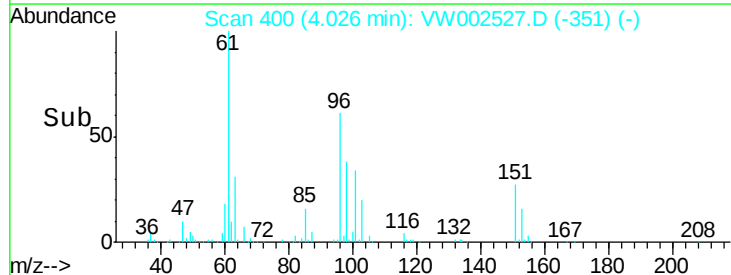
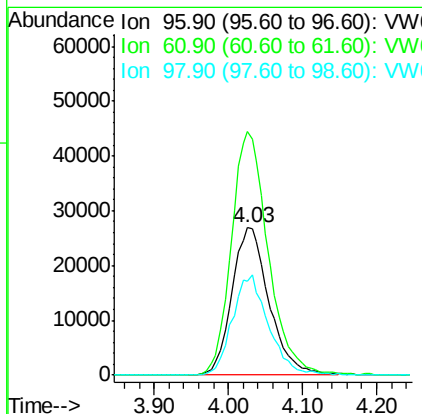
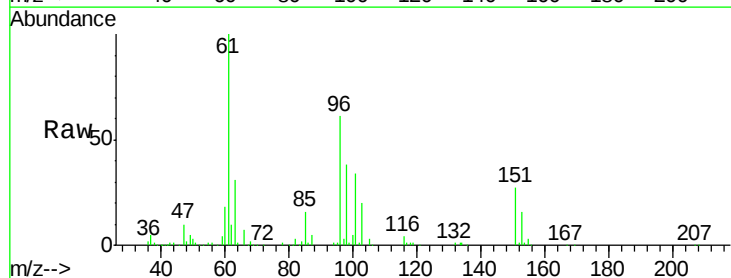
Tgt Ion: 59 Resp: 47513
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

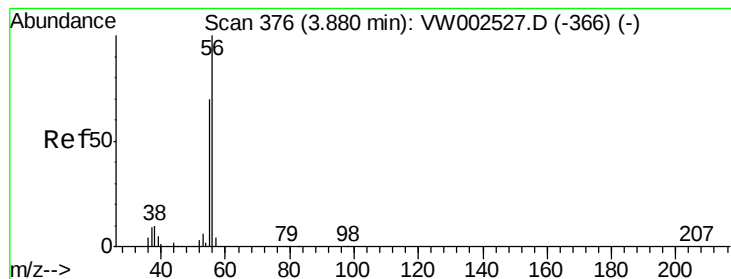


#12

1,1-Dichloroethene
 Concen: 44.71 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion: 96 Resp: 94106
 Ion Ratio Lower Upper
 96 100
 61 165.2 132.2 198.2
 98 63.3 50.6 76.0





#13

Acrolein

Concen: 287.81 ug/l

RT: 3.88 min Scan# 376

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

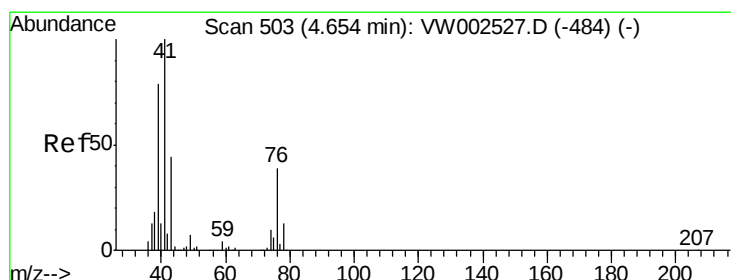
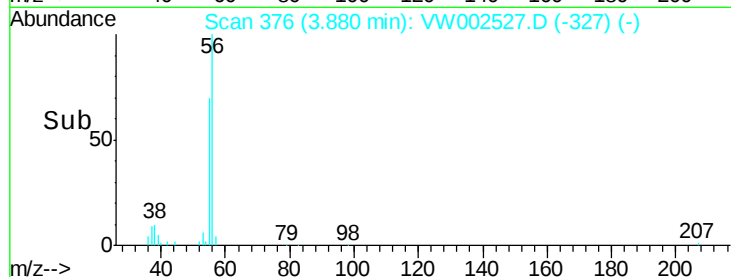
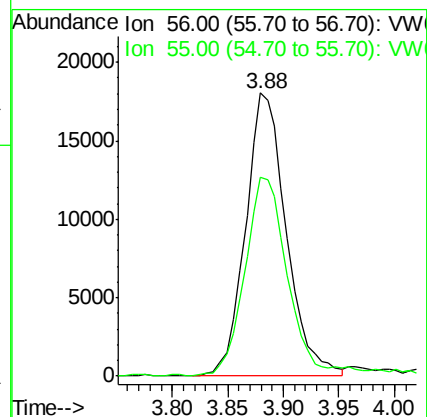
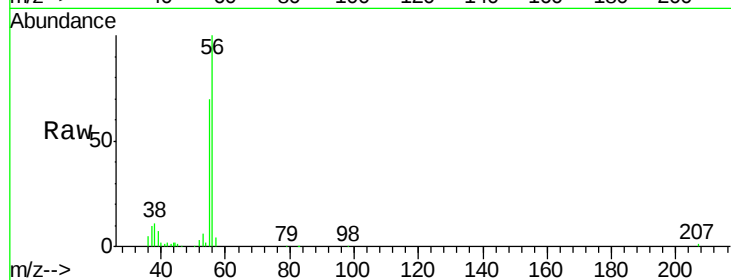
VSTDICCC050

Tgt Ion: 56 Resp: 45926

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 46.70 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

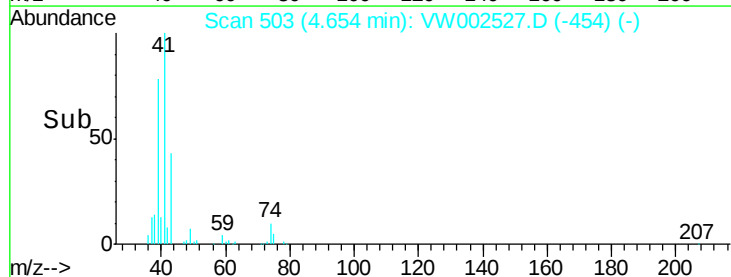
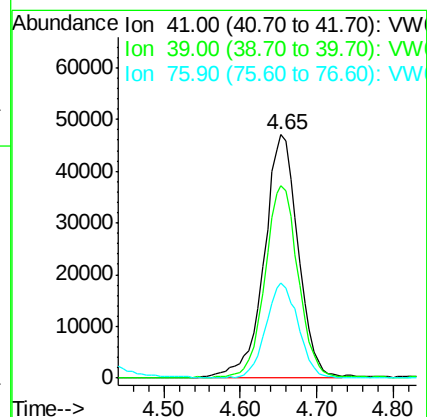
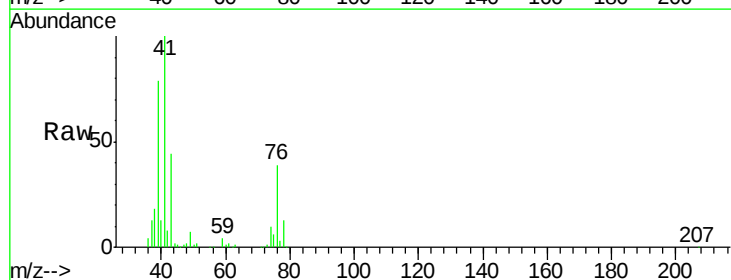
Tgt Ion: 41 Resp: 144980

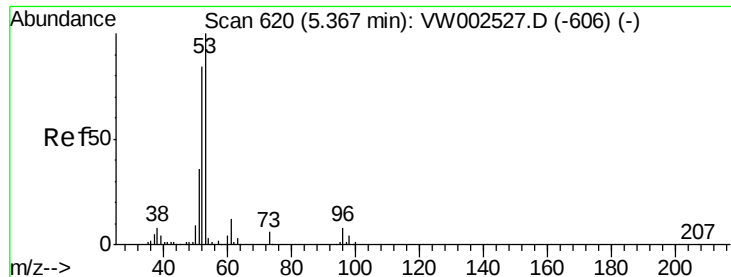
Ion Ratio Lower Upper

41 100

39 76.8 61.4 92.2

76 37.0 29.6 44.4





#15

Acrylonitrile

Concen: 245.85 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

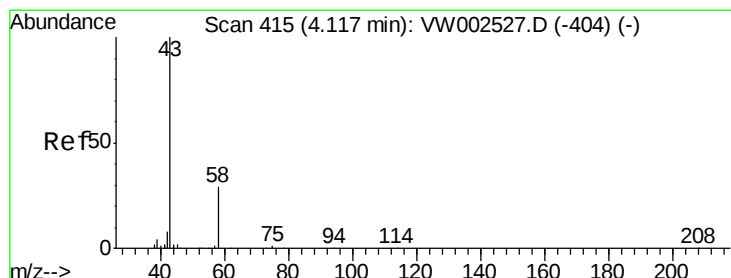
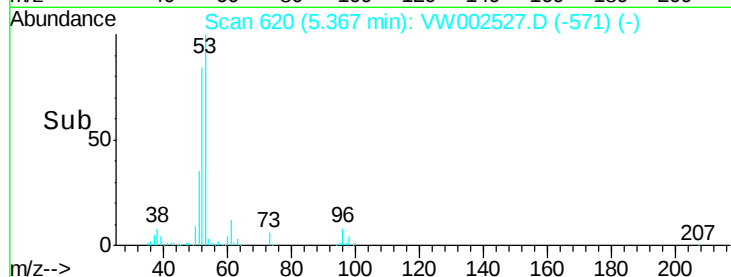
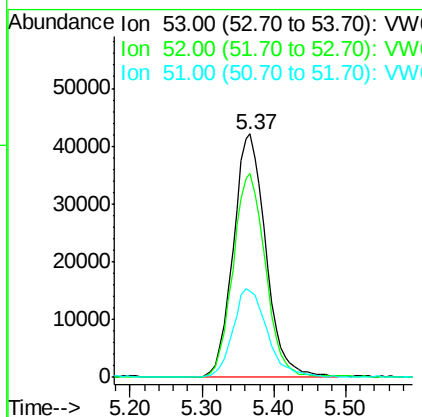
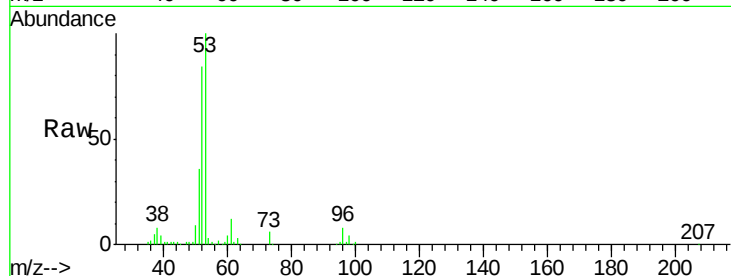
Tgt Ion: 53 Resp: 132293

Ion Ratio Lower Upper

53 100

52 83.3 66.6 100.0

51 38.3 30.6 46.0



#16

Acetone

Concen: 251.24 ug/l

RT: 4.12 min Scan# 415

Delta R.T. 0.00 min

Lab File: VW002527.D

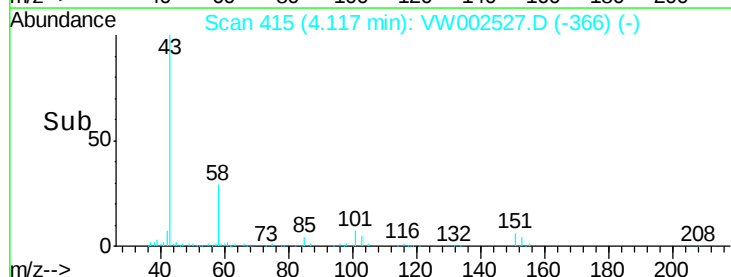
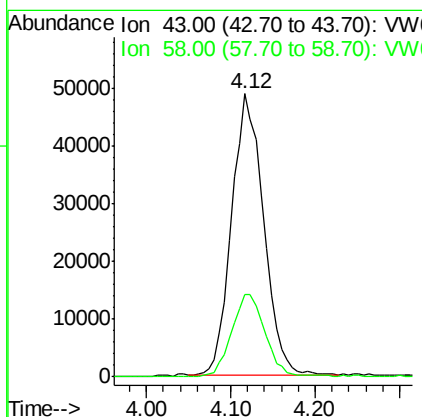
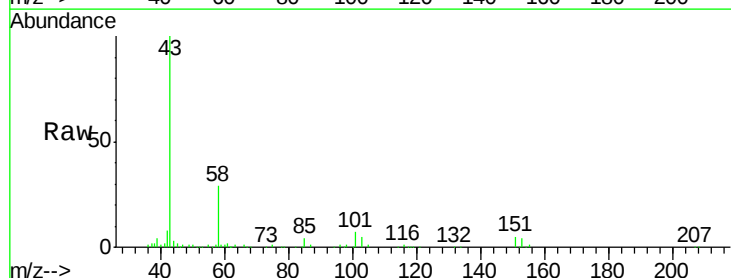
Acq: 14 May 2018 22:06

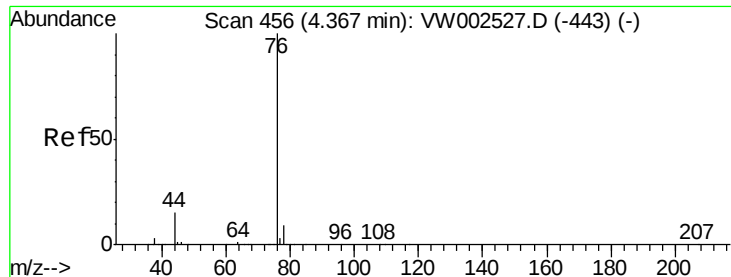
Tgt Ion: 43 Resp: 125060

Ion Ratio Lower Upper

43 100

58 29.2 23.4 35.0

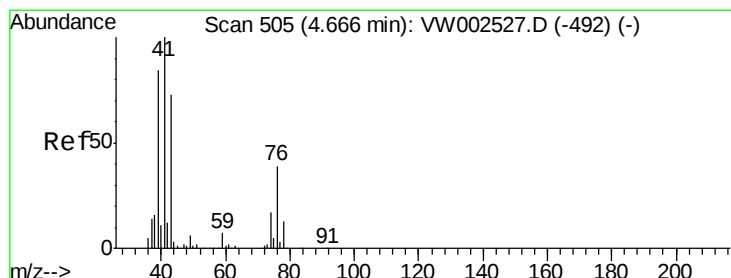
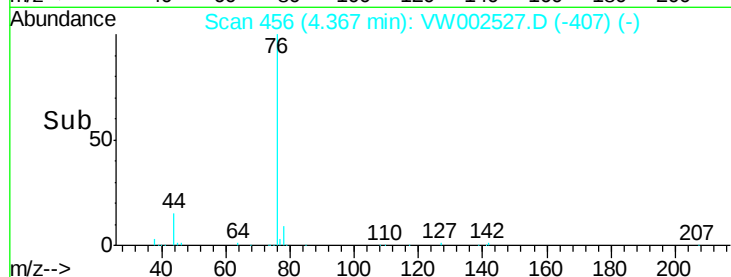
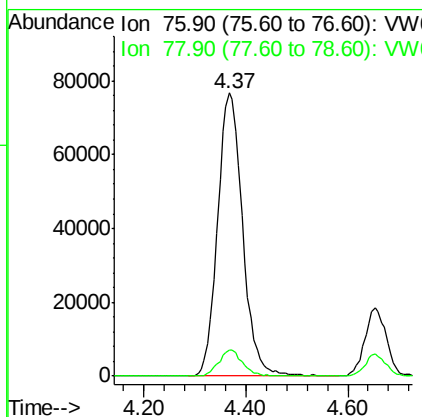
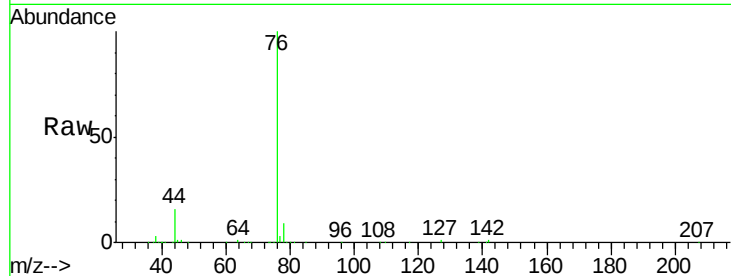




#17
Carbon Disulfide
Concen: 43.05 ug/l
RT: 4.37 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

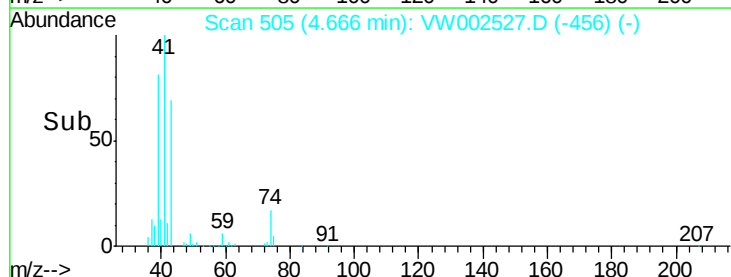
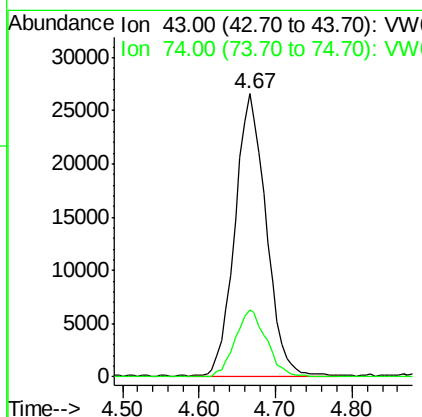
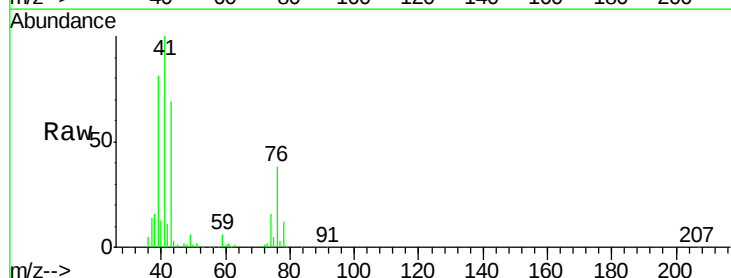
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

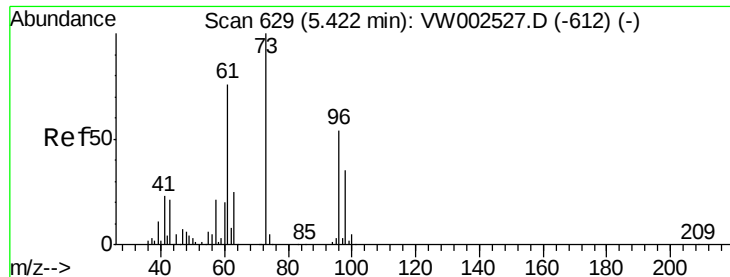
Tgt Ion: 76 Resp: 261110
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 50.47 ug/l
RT: 4.67 min Scan# 505
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion: 43 Resp: 75115
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8

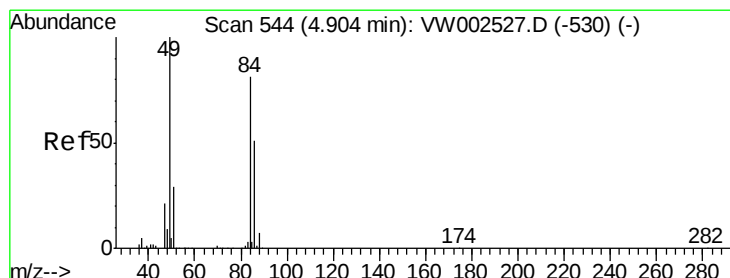
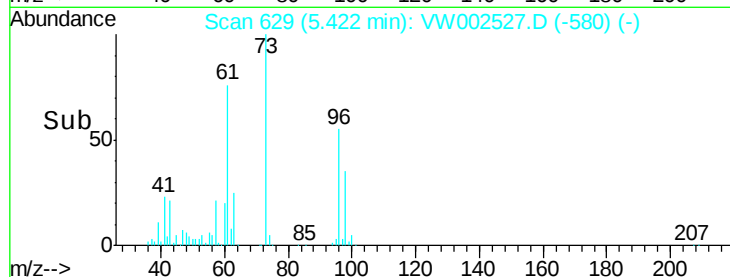
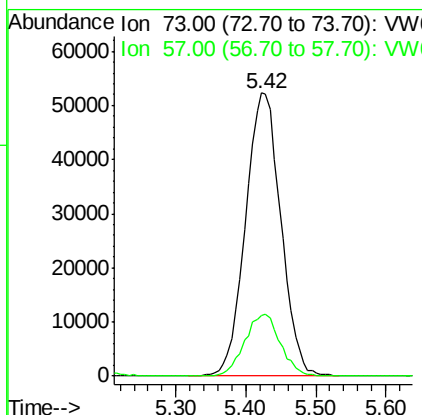
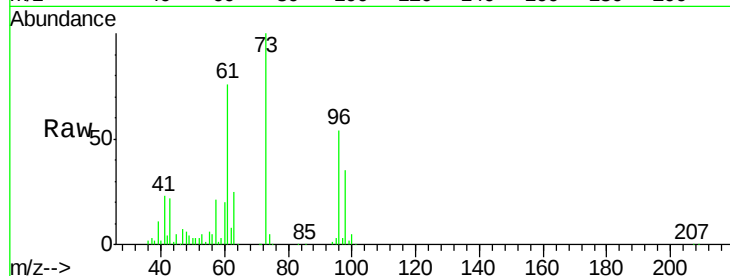




#19
Methyl tert-butyl Ether
Concen: 49.15 ug/l
RT: 5.42 min Scan# 629
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

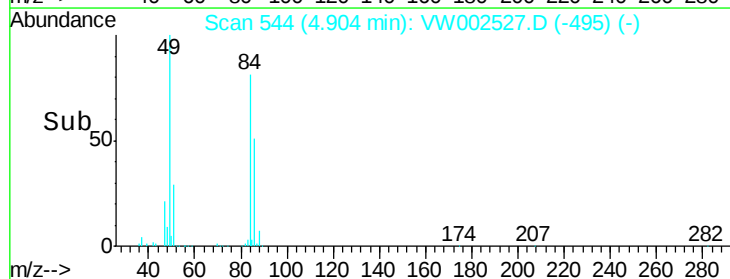
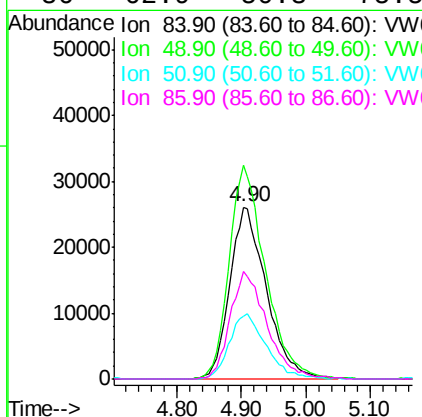
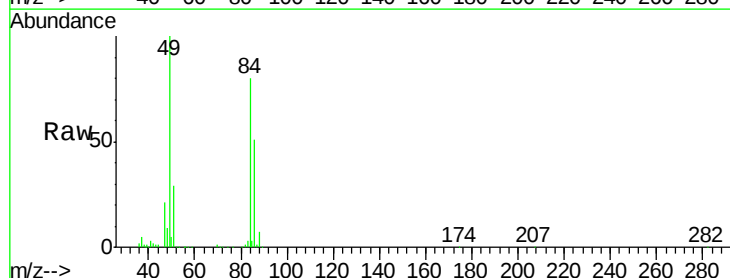
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

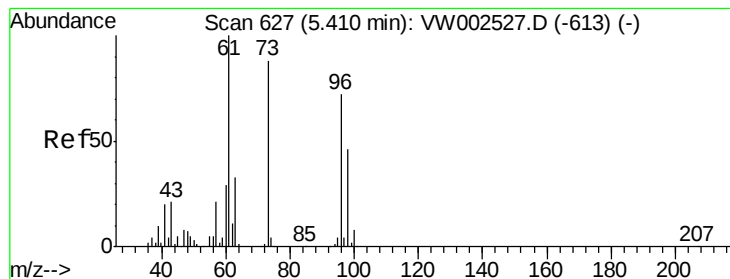
Tgt Ion: 73 Resp: 183521
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6



#20
Methylene Chloride
Concen: 44.03 ug/l
RT: 4.90 min Scan# 544
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion: 84 Resp: 102920
Ion Ratio Lower Upper
84 100
49 124.2 99.4 149.0
51 36.3 29.0 43.6
86 62.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 45.97 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

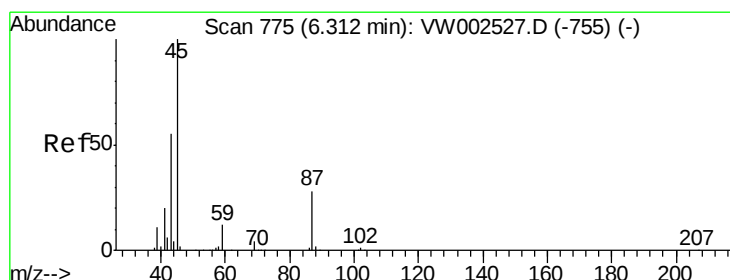
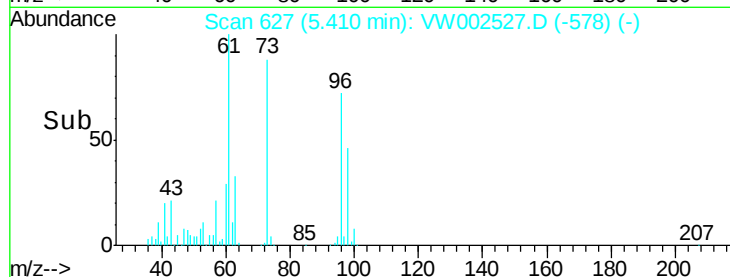
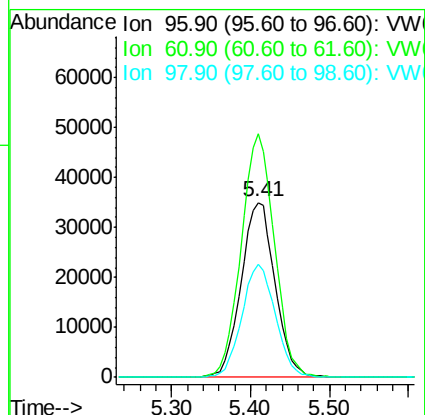
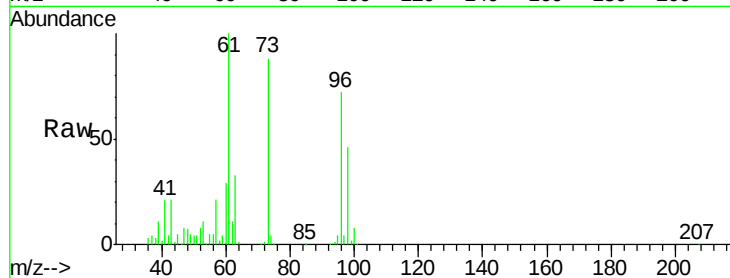
Tgt Ion: 96 Resp: 104584

Ion Ratio Lower Upper

96 100

61 139.5 111.6 167.4

98 64.6 51.7 77.5



#22

Diisopropyl ether

Concen: 47.21 ug/l

RT: 6.31 min Scan# 775

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Tgt Ion: 45 Resp: 322444

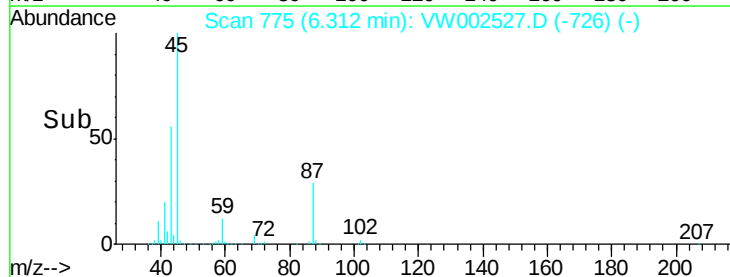
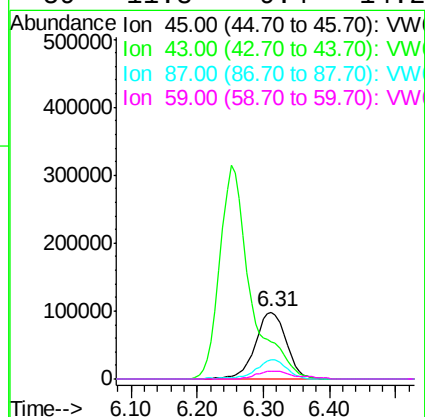
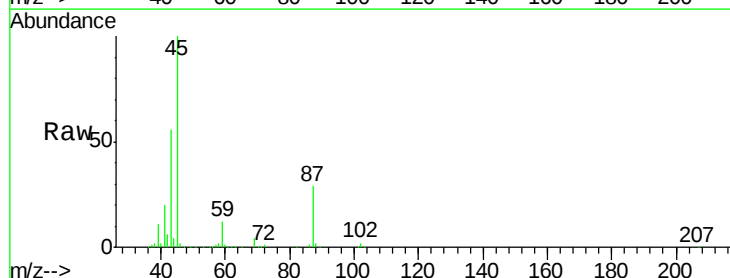
Ion Ratio Lower Upper

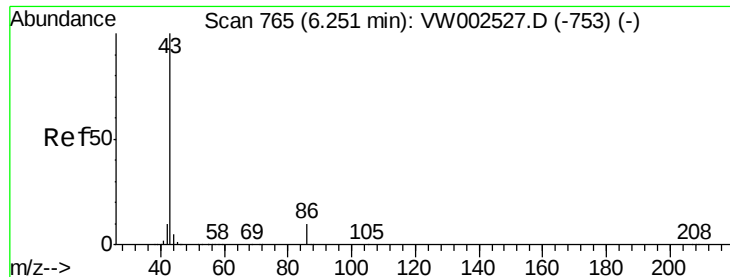
45 100

43 55.5 44.4 66.6

87 28.7 23.0 34.4

59 11.8 9.4 14.2





#23

Vinyl Acetate

Concen: 245.88 ug/l

RT: 6.25 min Scan# 765

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

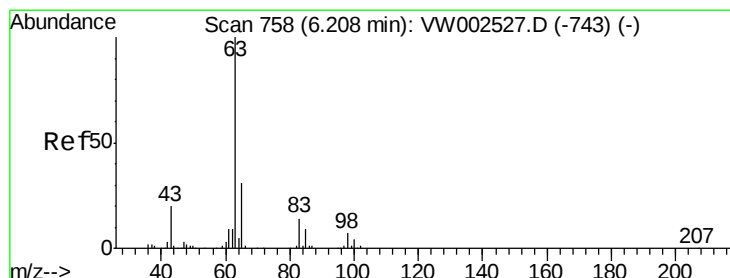
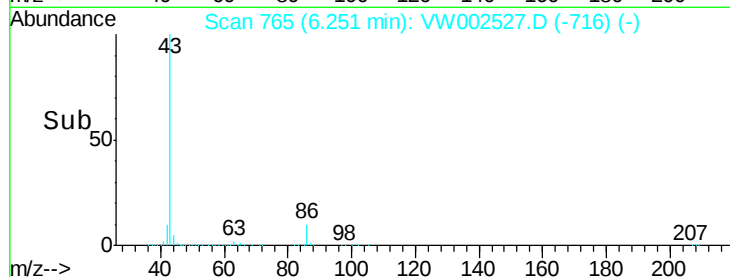
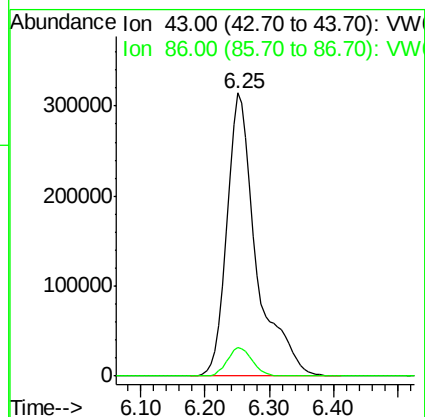
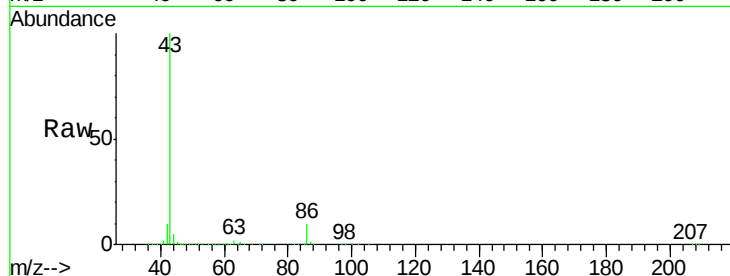
VSTDICCC050

Tgt Ion: 43 Resp: 1010044

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



#24

1,1-Dichloroethane

Concen: 46.01 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

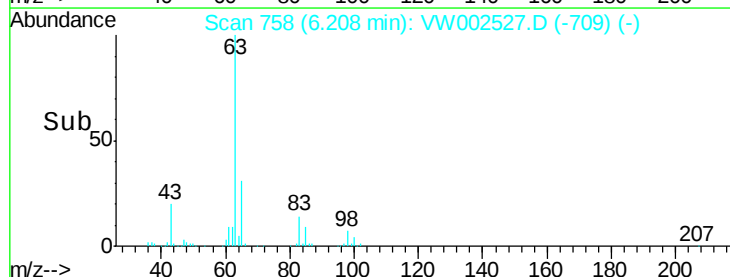
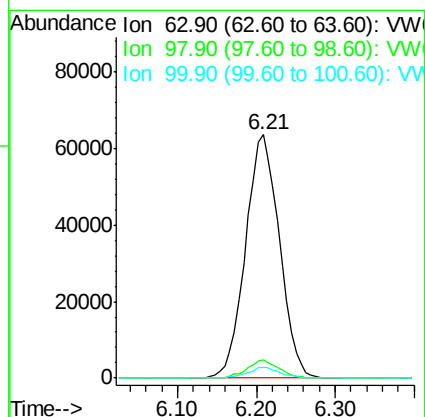
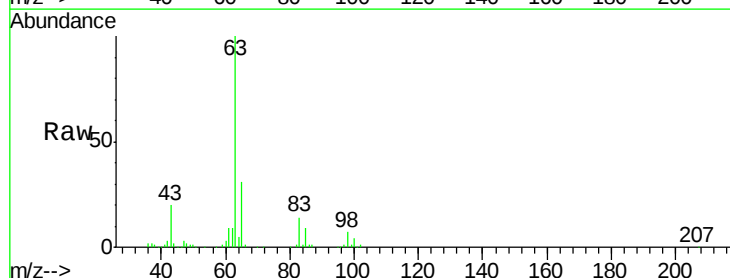
Tgt Ion: 63 Resp: 190035

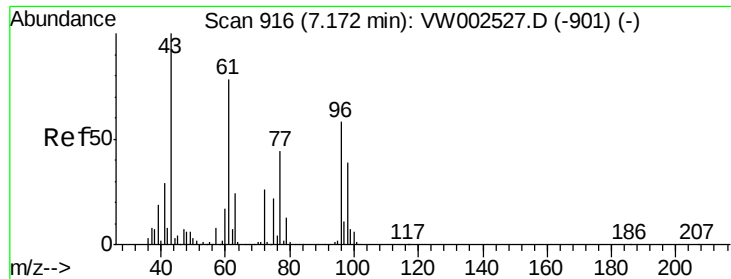
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 254.97 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampled :

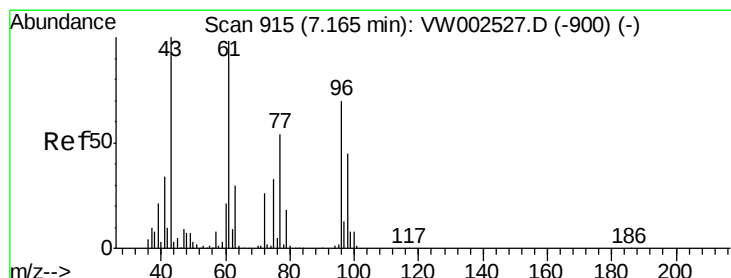
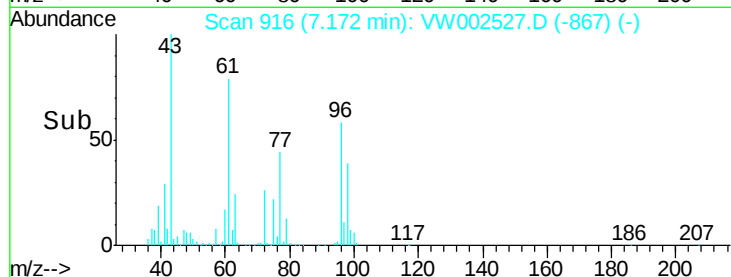
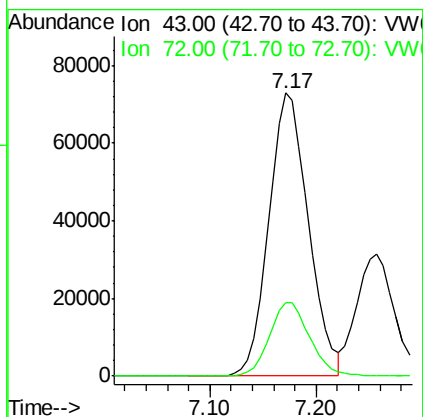
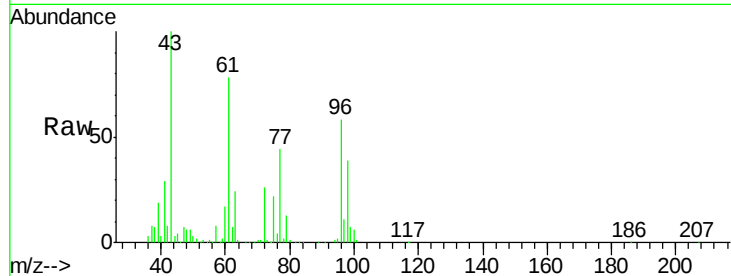
VSTDICCC050

Tgt Ion: 43 Resp: 187344

Ion Ratio Lower Upper

43 100

72 26.1 20.9 31.3



#26

2,2-Dichloropropane

Concen: 49.72 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW002527.D

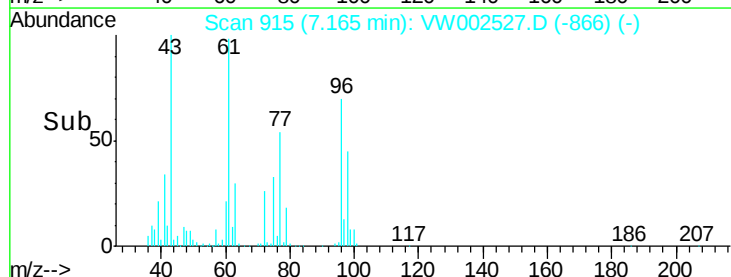
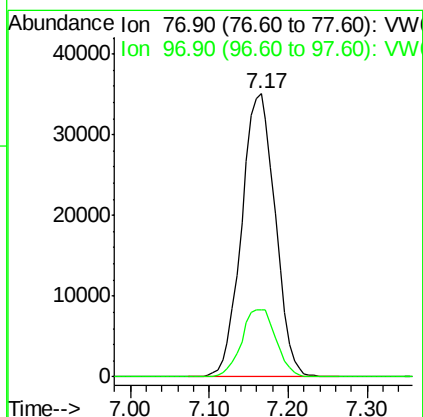
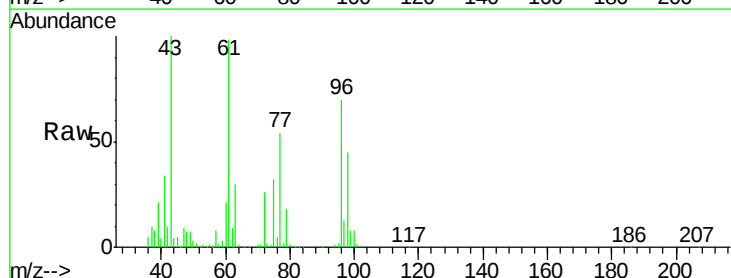
Acq: 14 May 2018 22:06

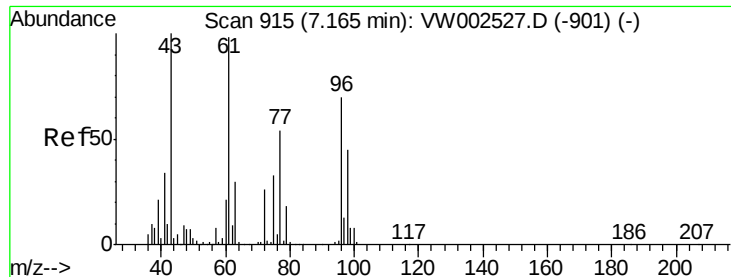
Tgt Ion: 77 Resp: 104085

Ion Ratio Lower Upper

77 100

97 24.2 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 45.99 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

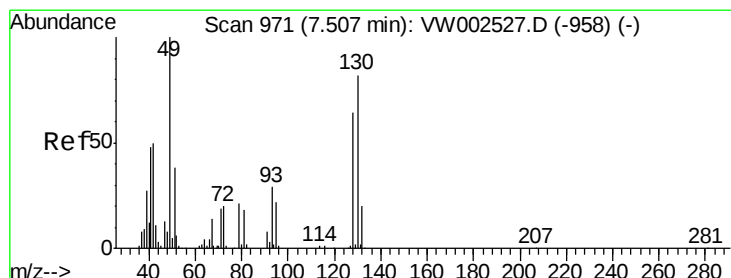
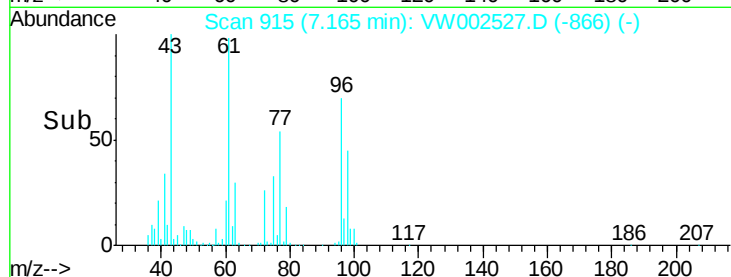
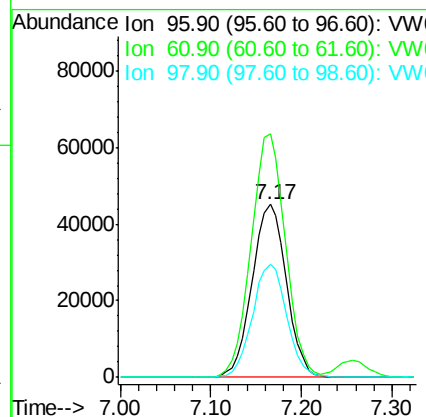
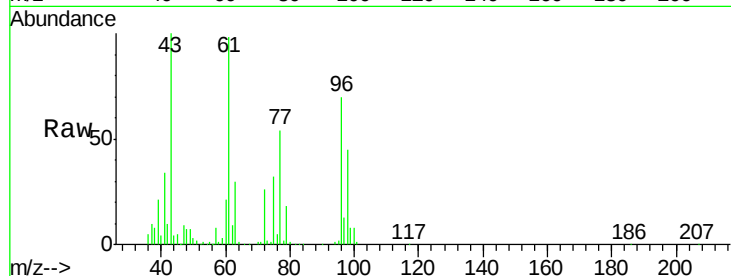
Tgt Ion: 96 Resp: 118399

Ion Ratio Lower Upper

96 100

61 140.8 0.0 281.6

98 65.4 0.0 130.8



#28

Bromochloromethane

Concen: 45.63 ug/l

RT: 7.51 min Scan# 971

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

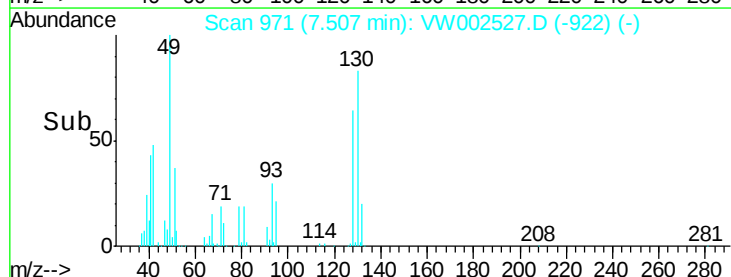
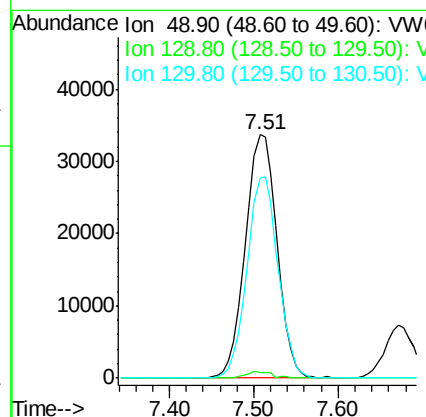
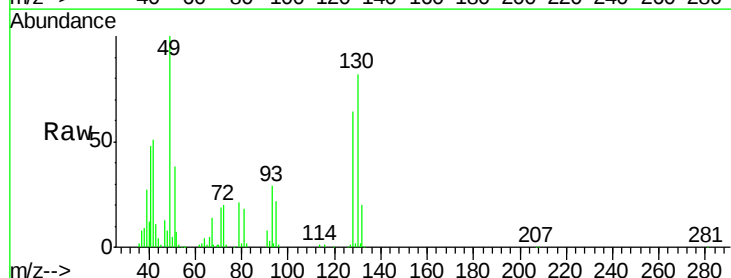
Tgt Ion: 49 Resp: 85750

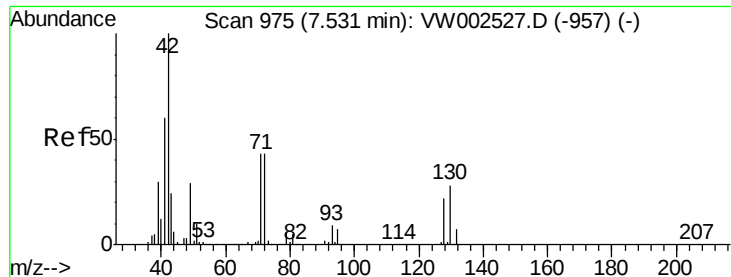
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 80.9 64.7 97.1

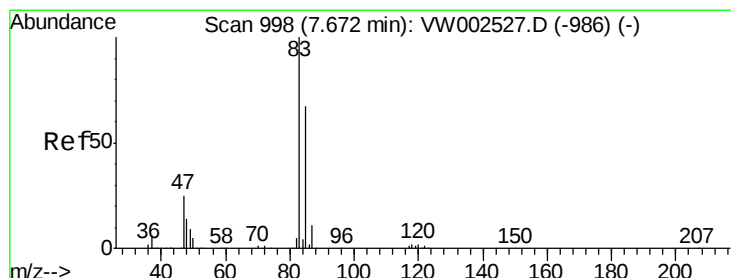
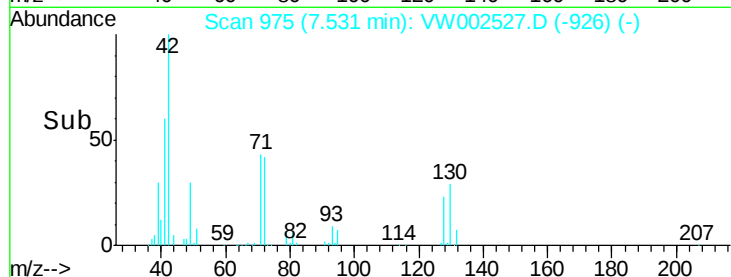
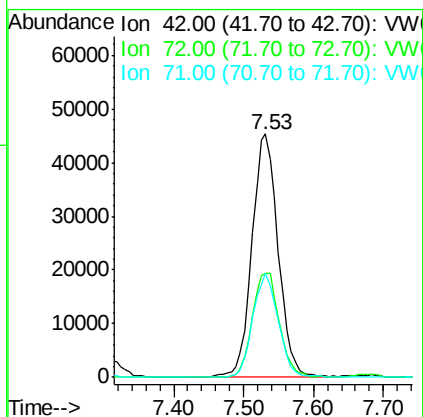
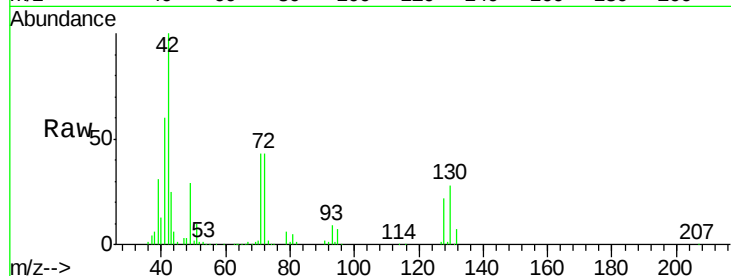




#29
Tetrahydrofuran
Concen: 246.52 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

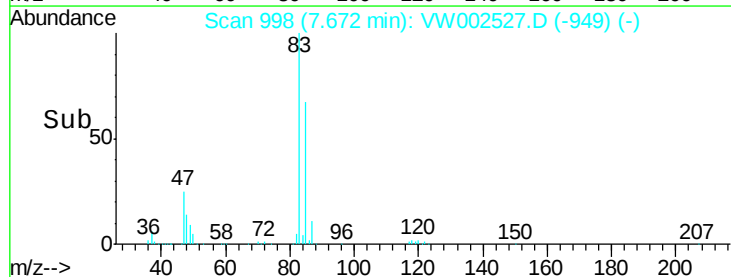
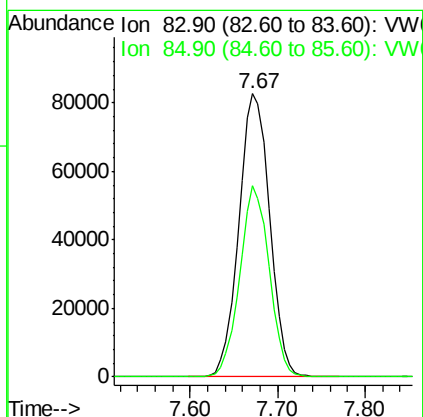
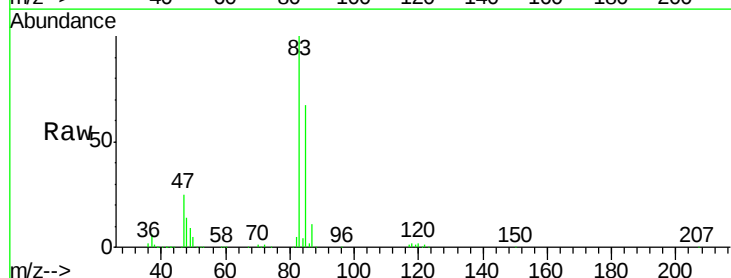
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

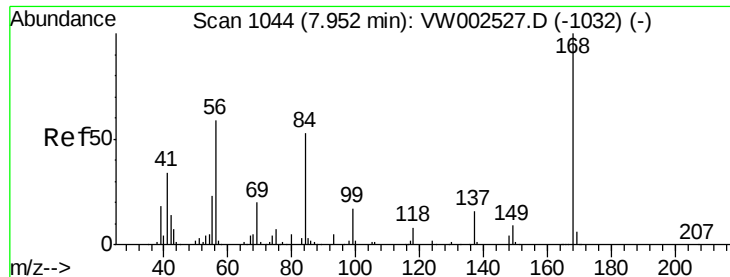
Tgt Ion: 42 Resp: 118186
Ion Ratio Lower Upper
42 100
72 43.7 35.0 52.4
71 41.3 33.0 49.6



#30
Chloroform
Concen: 46.63 ug/l
RT: 7.67 min Scan# 998
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion: 83 Resp: 202128
Ion Ratio Lower Upper
83 100
85 67.4 53.9 80.9

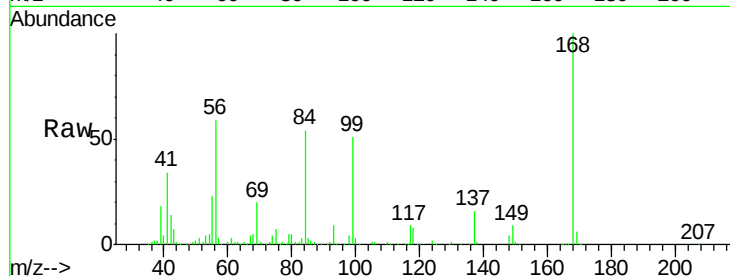




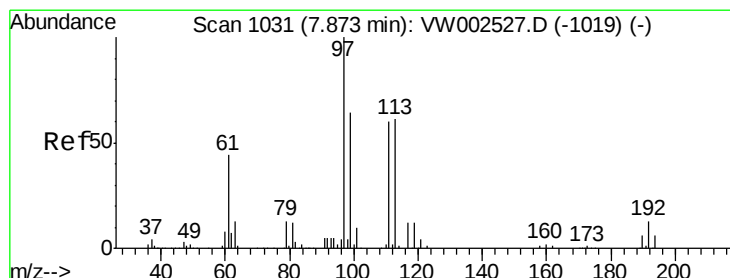
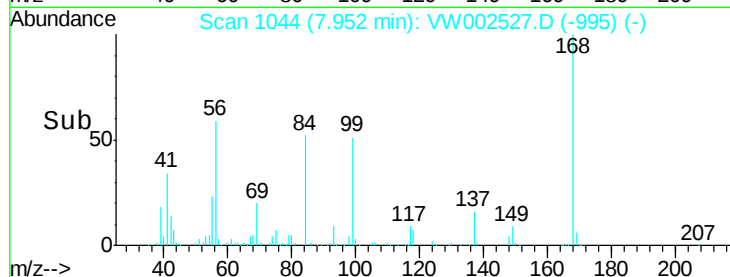
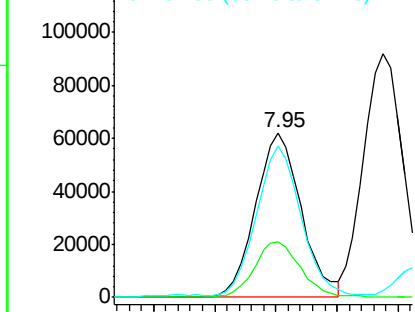
#31
Cyclohexane
Concen: 43.79 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 161040
Ion Ratio Lower Upper
56 100
69 33.7 27.0 40.4
84 90.2 72.2 108.2

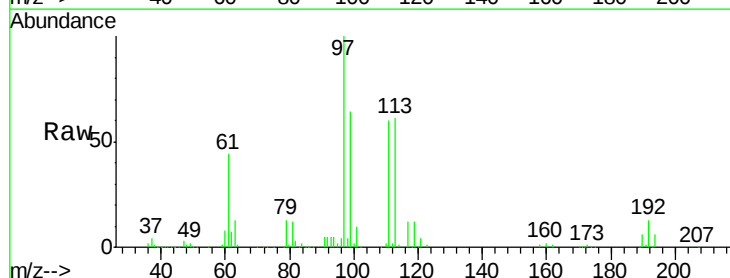


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

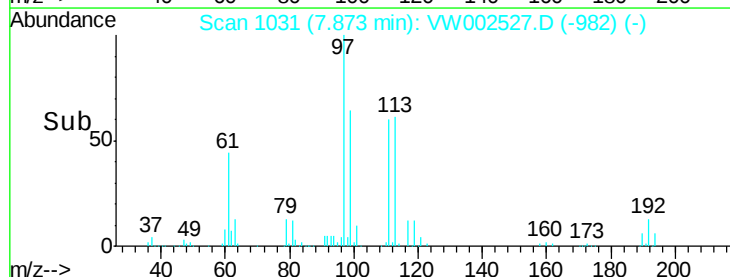
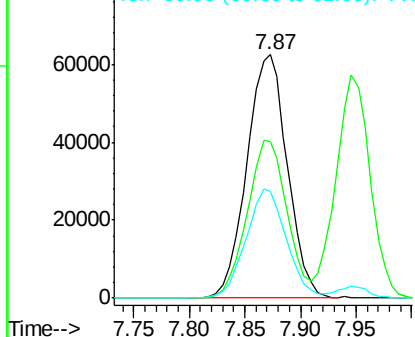


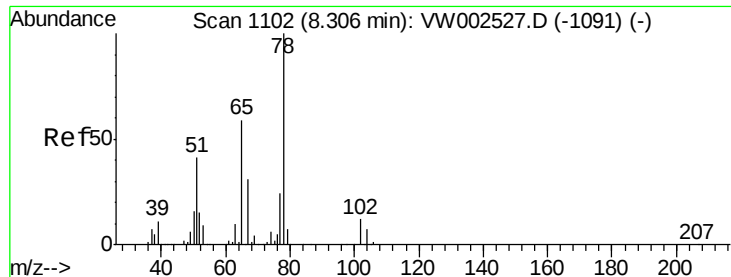
#32
1,1,1-Trichloroethane
Concen: 48.30 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion: 97 Resp: 157978
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 44.9 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

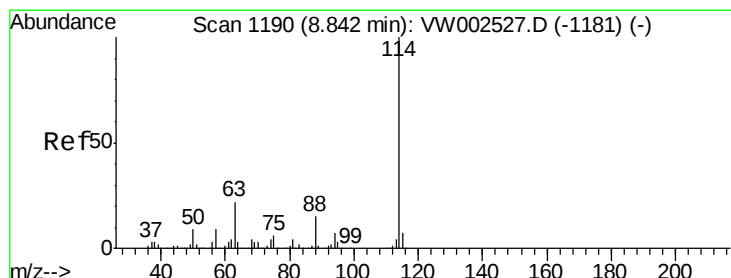
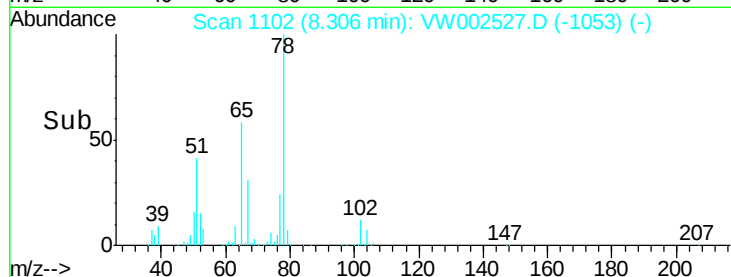
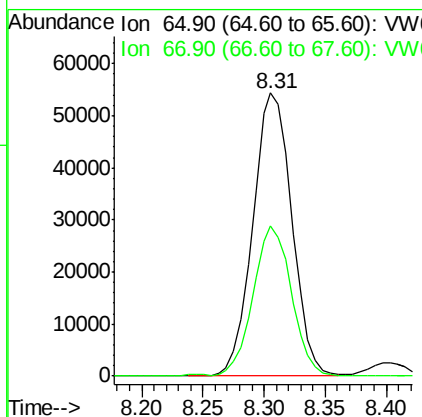
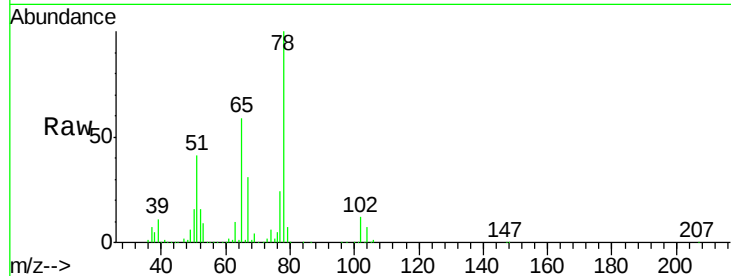




#33
 1,2-Dichloroethane-d4
 Concen: 48.42 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

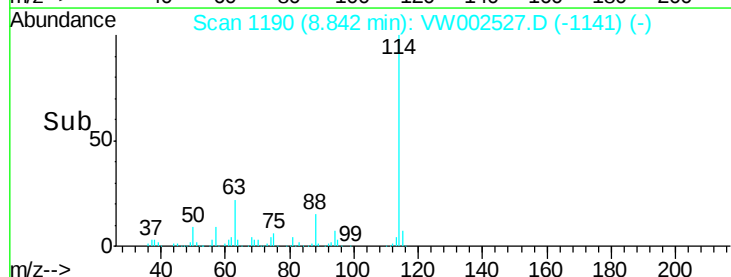
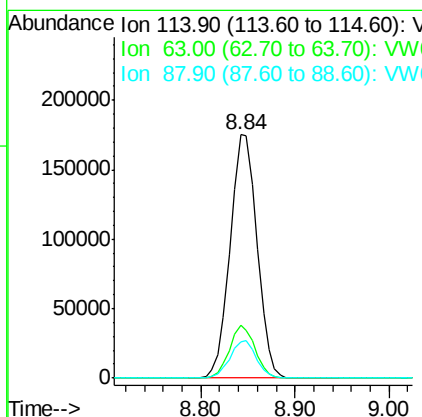
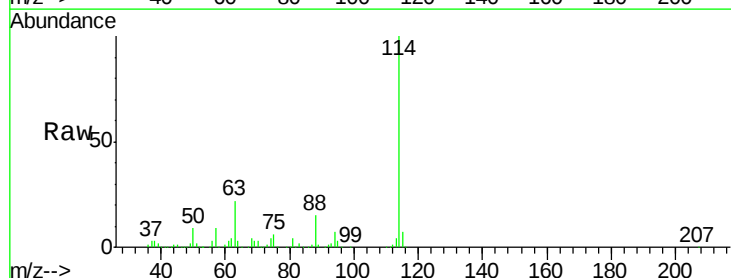
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

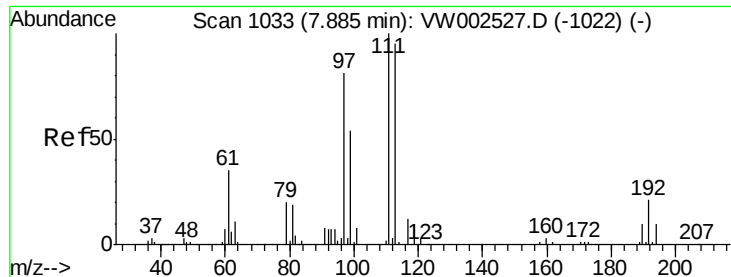
Tgt Ion: 65 Resp: 120742
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion: 114 Resp: 348188
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 14.6 0.0 29.2

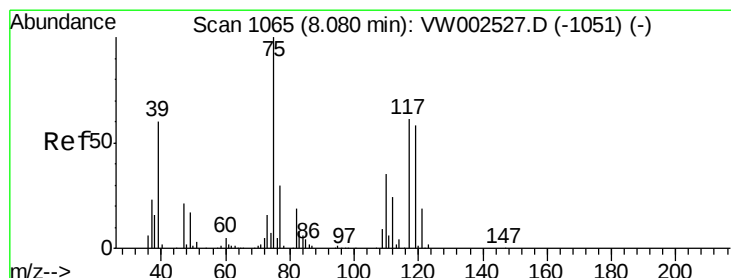
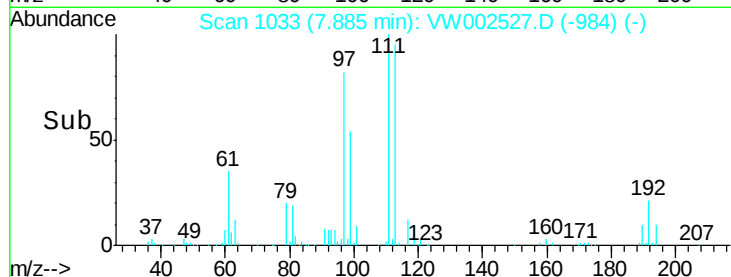
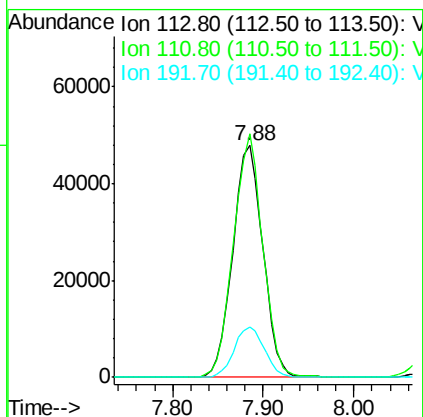
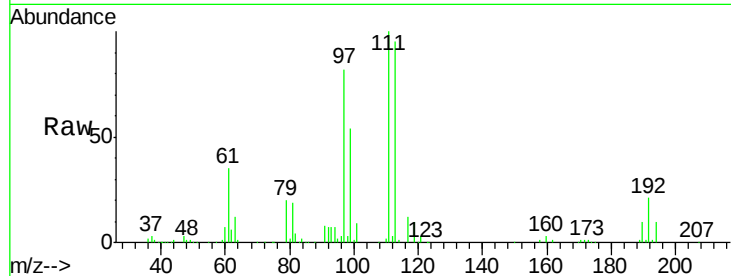




#35
 Dibromofluoromethane
 Concen: 49.96 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

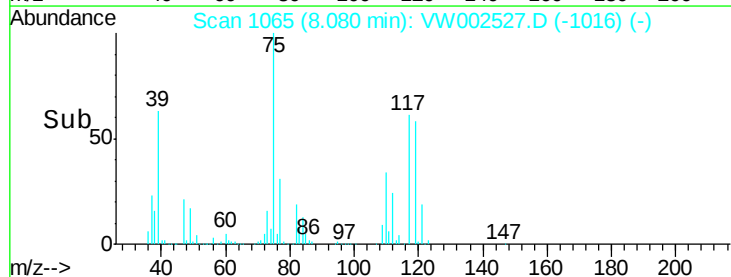
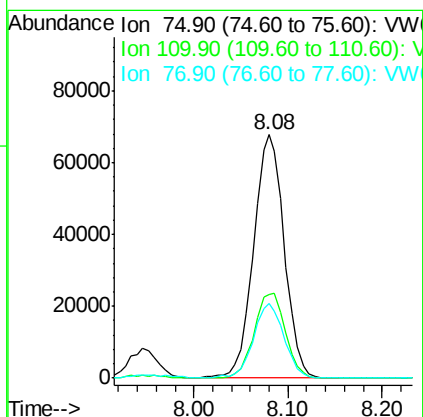
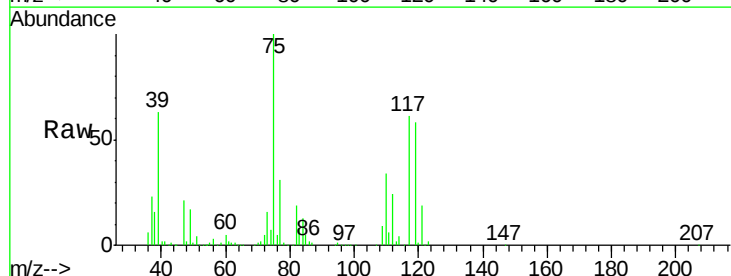
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

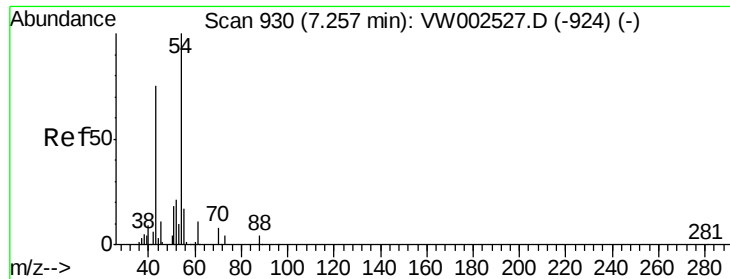
Tgt Ion: 113 Resp: 110761
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.8
 192 21.9 17.5 26.3



#36
 1,1-Dichloropropene
 Concen: 49.20 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion: 75 Resp: 154513
 Ion Ratio Lower Upper
 75 100
 110 35.7 17.8 53.5
 77 30.6 24.5 36.7

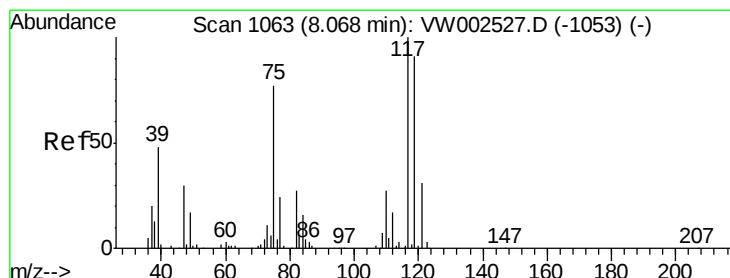
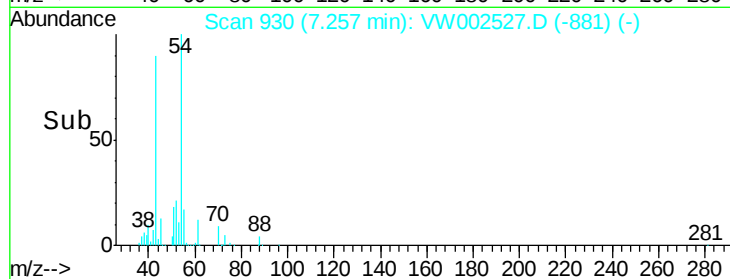
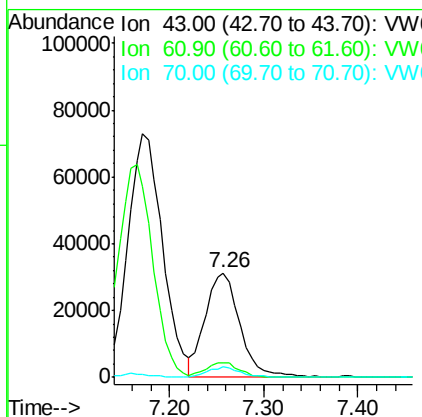
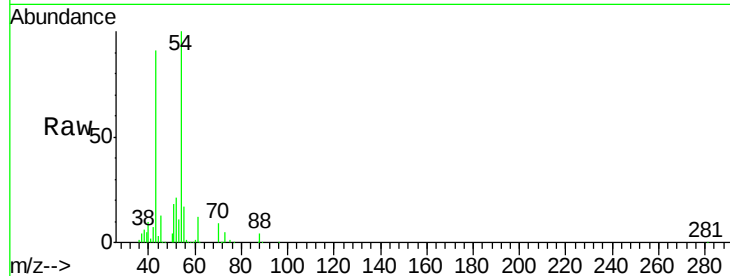




#37
 Ethyl Acetate
 Concen: 51.11 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

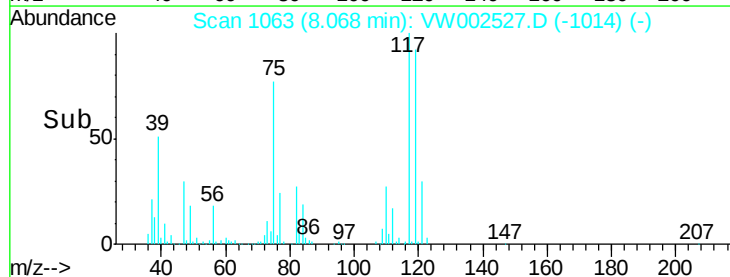
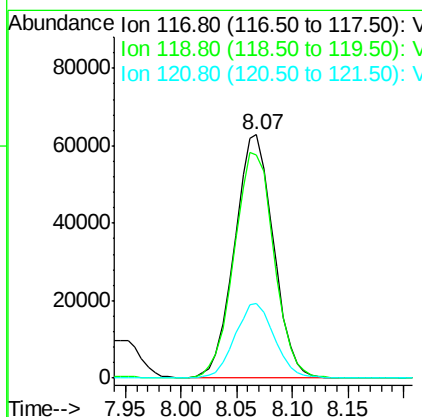
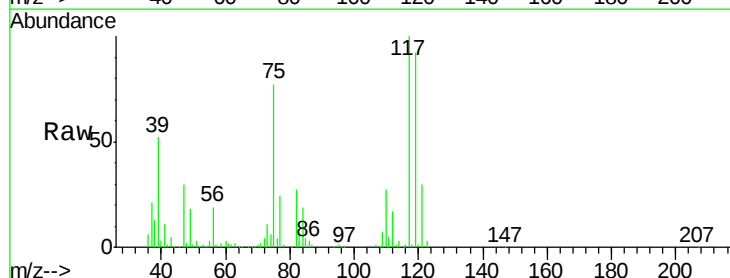
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

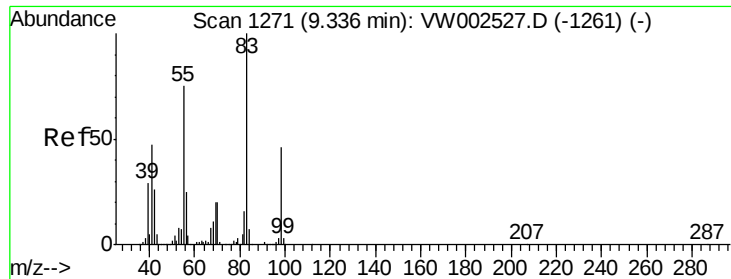
Tgt Ion: 43 Resp: 78946
 Ion Ratio Lower Upper
 43 100
 61 13.9 11.1 16.7
 70 9.8 7.8 11.8



#38
 Carbon Tetrachloride
 Concen: 50.20 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion: 117 Resp: 152964
 Ion Ratio Lower Upper
 117 100
 119 91.4 73.1 109.7
 121 30.5 24.4 36.6

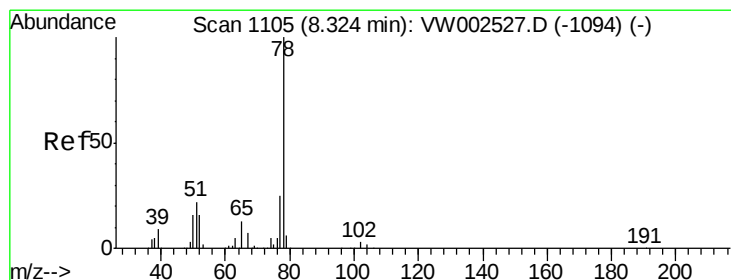
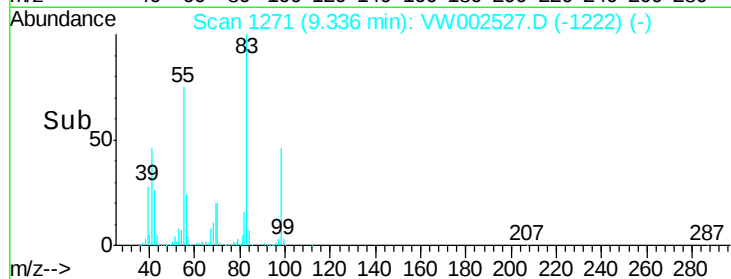
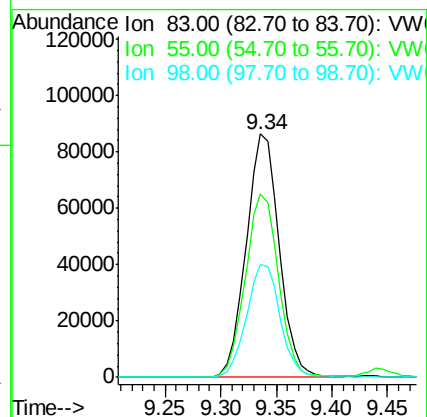
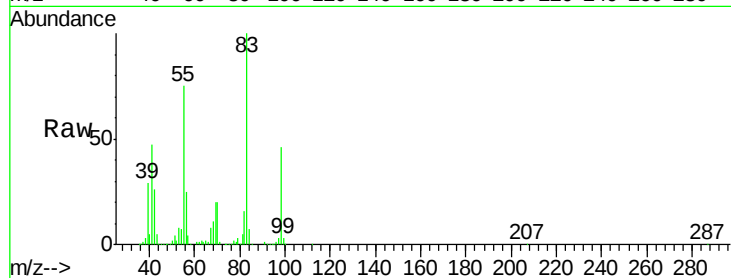




#39
Methylcyclohexane
Concen: 48.86 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

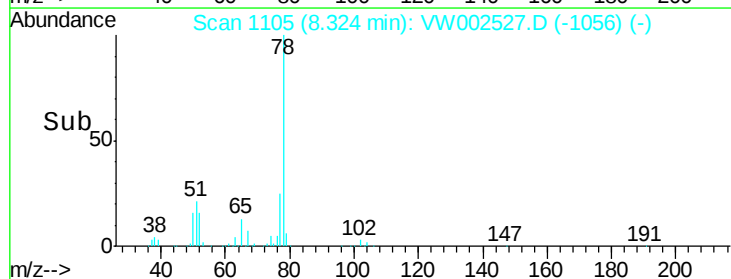
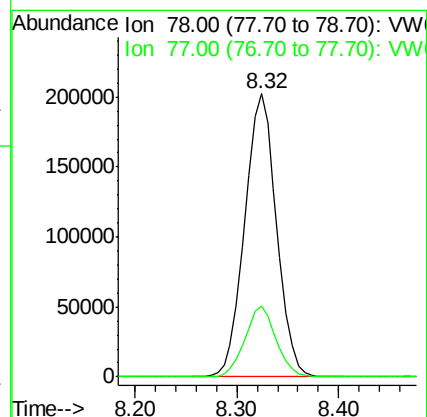
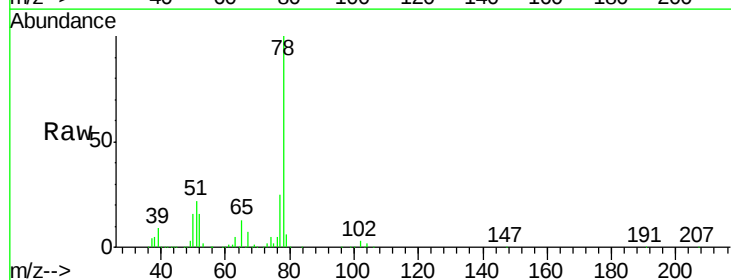
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

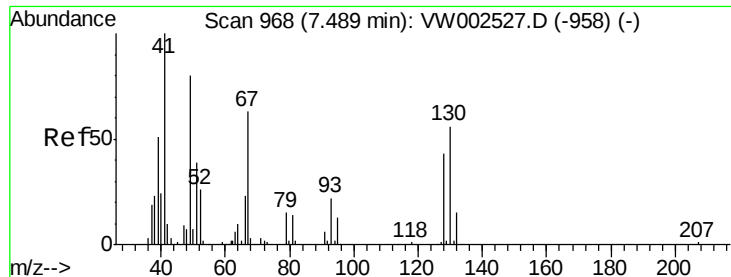
Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.0	60.0	90.0
98	46.2	37.0	55.4



#40
Benzene
Concen: 47.80 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.9	29.9





#41

Methacrylonitrile

Concen: 50.74 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 44003

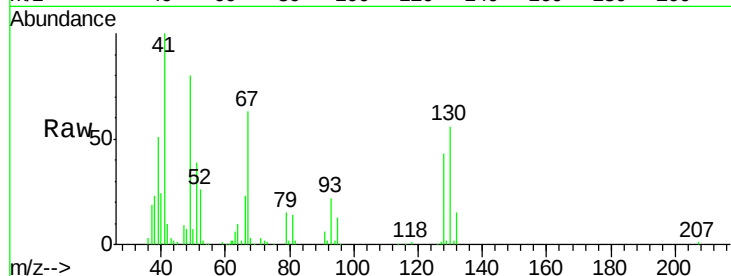
Ion Ratio Lower Upper

41 100

39 64.8 51.8 77.8

67 74.9 59.9 89.9

52 33.2 26.6 39.8

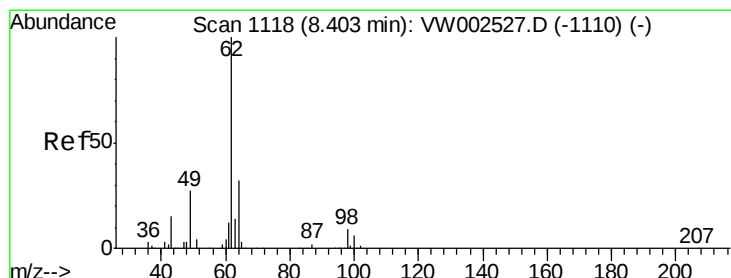
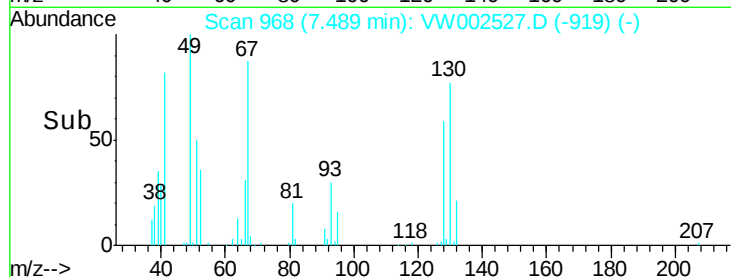
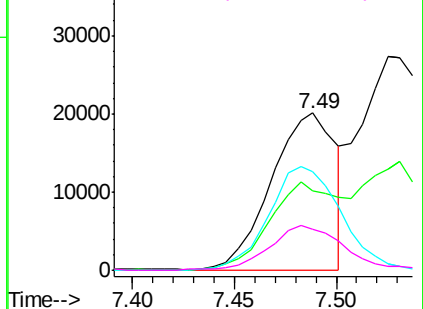


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 48.48 ug/l

RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW002527.D

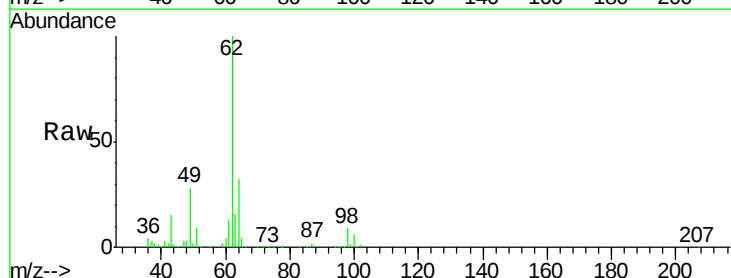
Acq: 14 May 2018 22:06

Tgt Ion: 62 Resp: 138915

Ion Ratio Lower Upper

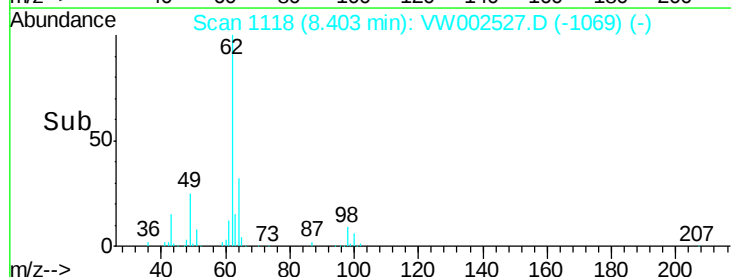
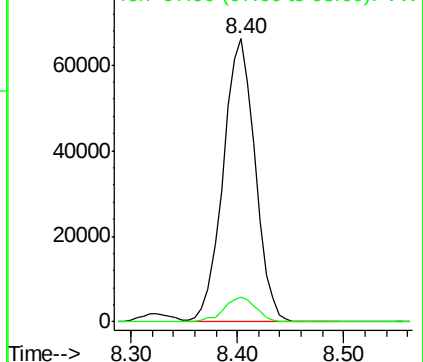
62 100

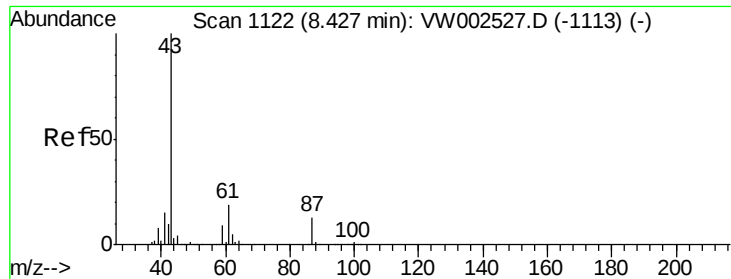
98 8.9 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

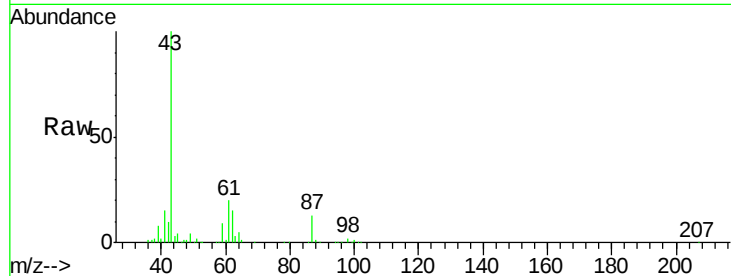




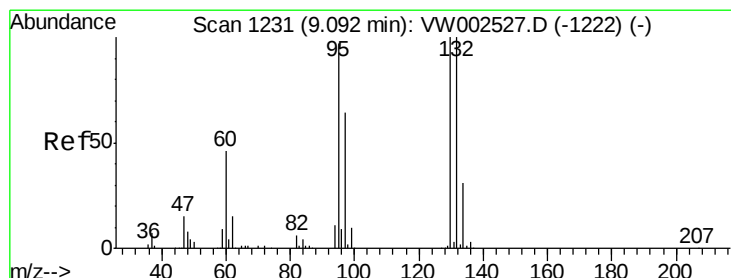
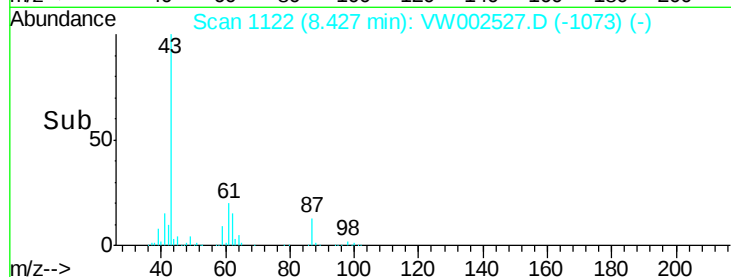
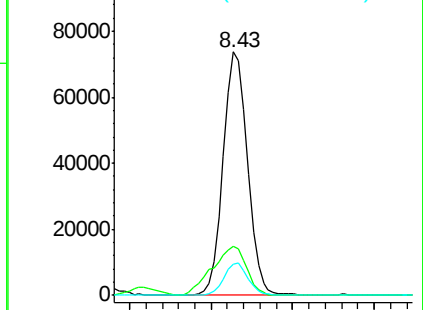
#43
Isopropyl Acetate
Concen: 51.85 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 151901
Ion Ratio Lower Upper
43 100
61 28.8 23.0 34.6
87 13.2 10.6 15.8

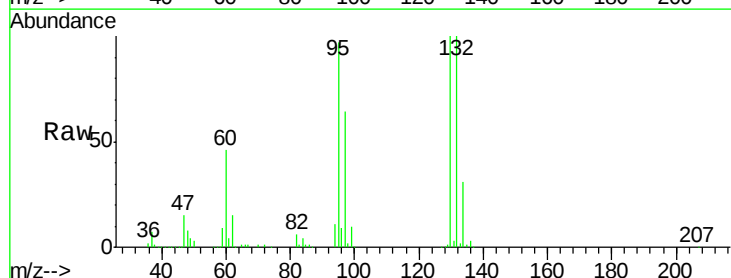


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW

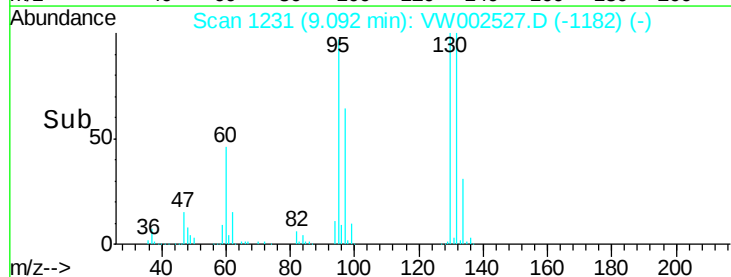
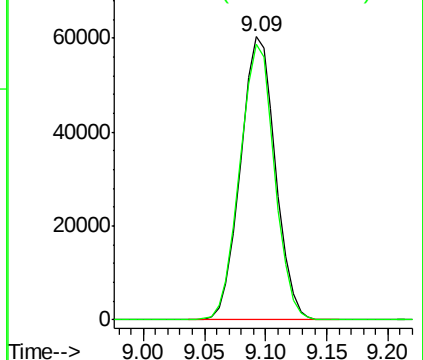


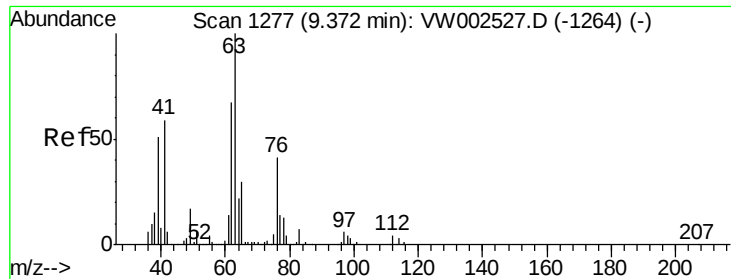
#44
Trichloroethene
Concen: 47.79 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion: 130 Resp: 119343
Ion Ratio Lower Upper
130 100
95 97.3 0.0 194.6



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

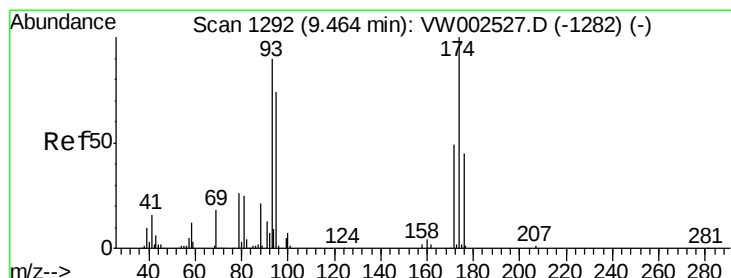
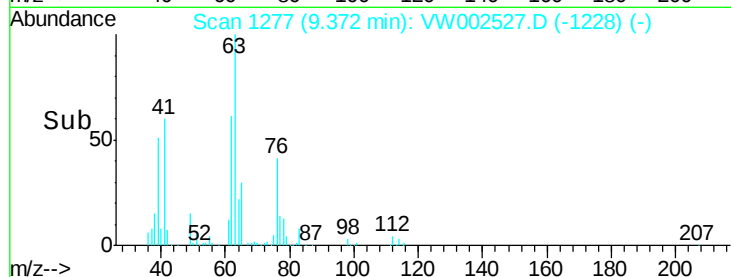
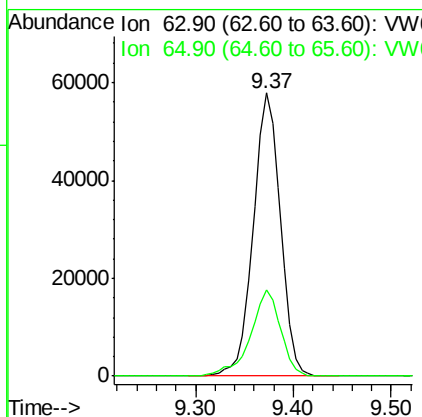
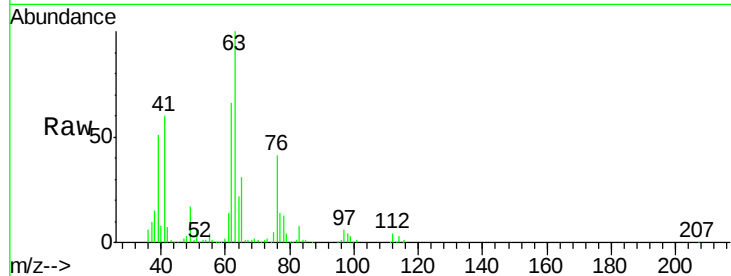




#45
 1,2-Dichloropropane
 Concen: 48.67 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

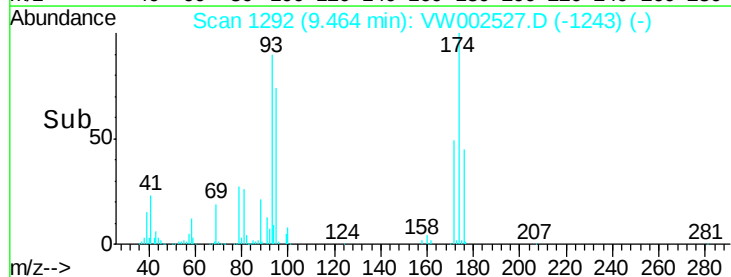
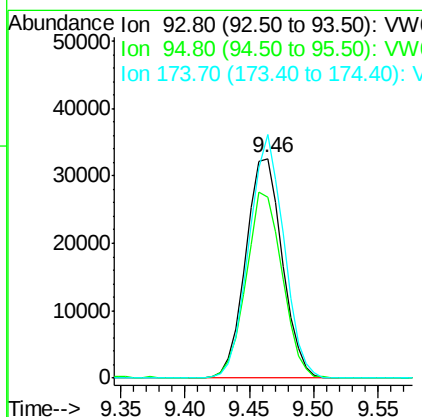
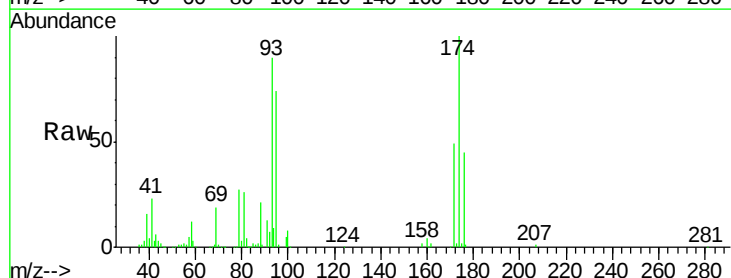
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

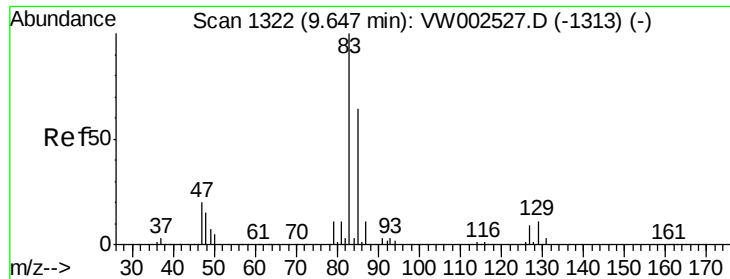
Tgt Ion: 63 Resp: 111975
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.4 36.6



#46
 Dibromomethane
 Concen: 49.65 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion: 93 Resp: 64036
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.6 100.0
 174 105.0 84.0 126.0

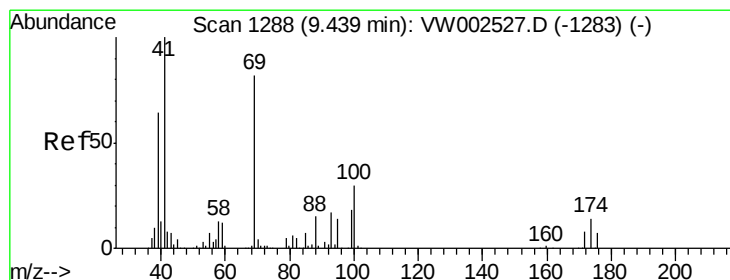
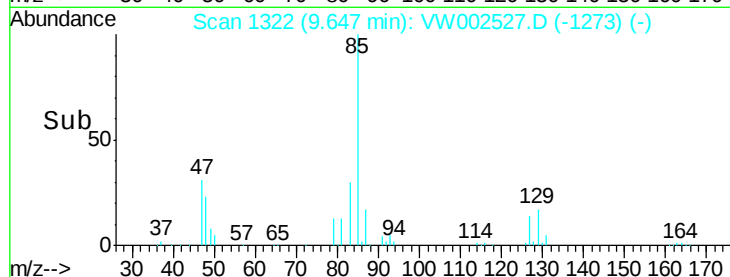
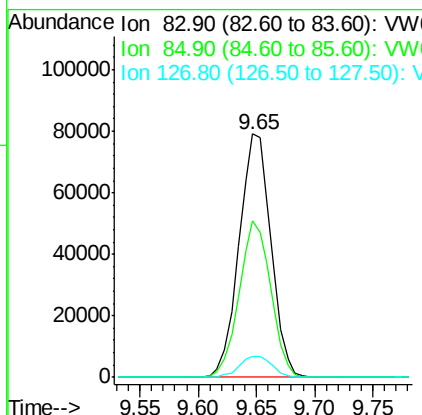
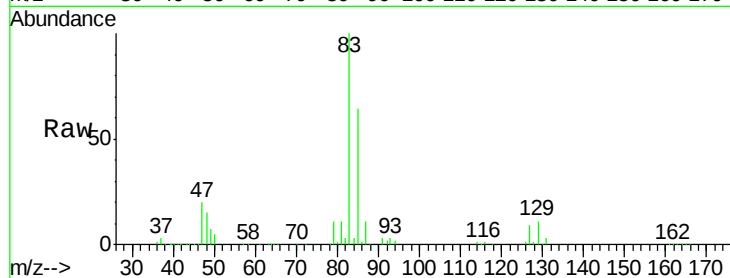




#47
 Bromodichloromethane
 Concen: 49.72 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

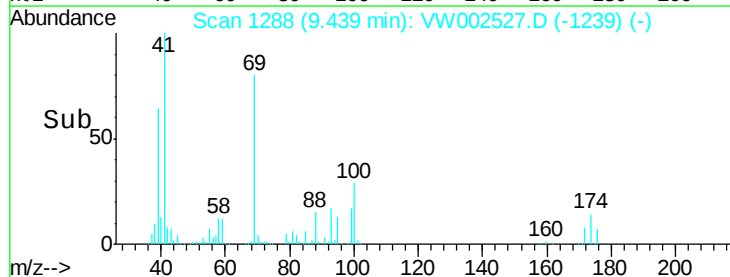
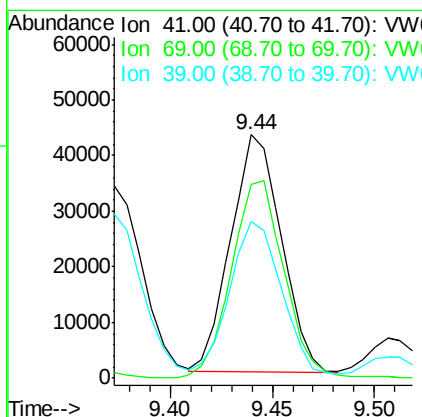
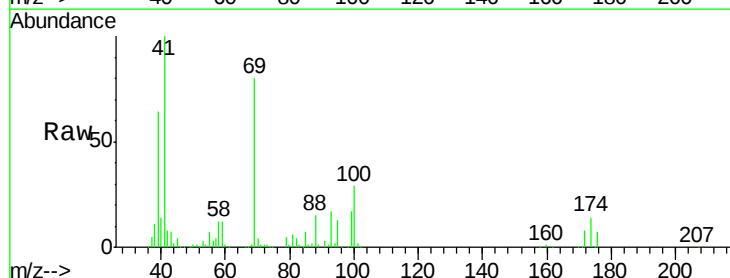
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

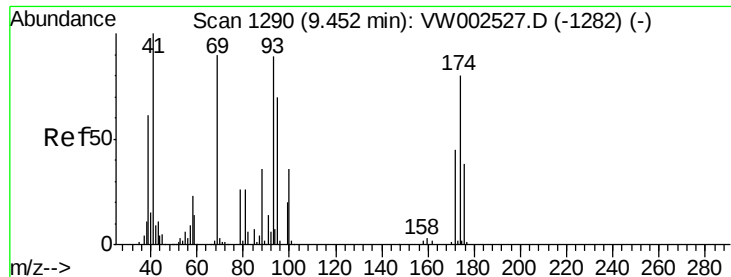
Tgt Ion: 83 Resp: 151026
 Ion Ratio Lower Upper
 83 100
 85 64.3 51.4 77.2
 127 8.7 7.0 10.4



#48
 Methyl methacrylate
 Concen: 51.84 ug/l
 RT: 9.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion: 41 Resp: 73629
 Ion Ratio Lower Upper
 41 100
 69 87.1 69.7 104.5
 39 68.7 55.0 82.4

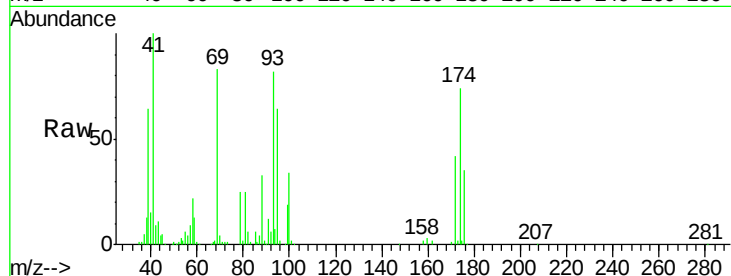




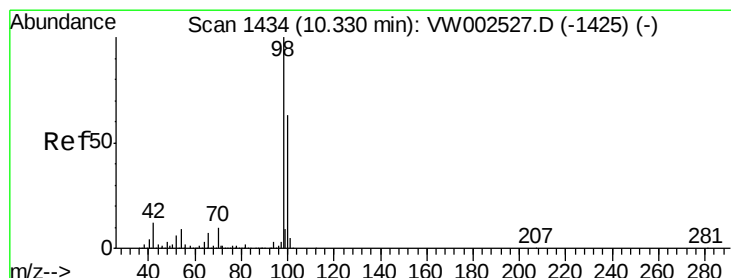
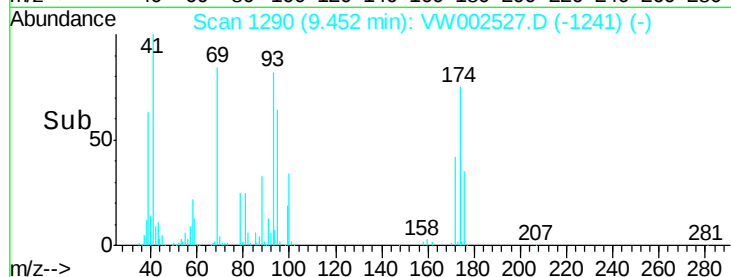
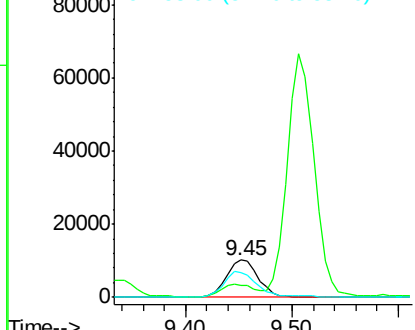
#49
1,4-Dioxane
Concen: 1048.17 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 21812
Ion Ratio Lower Upper
88 100
43 33.7 27.0 40.4
58 71.1 56.9 85.3

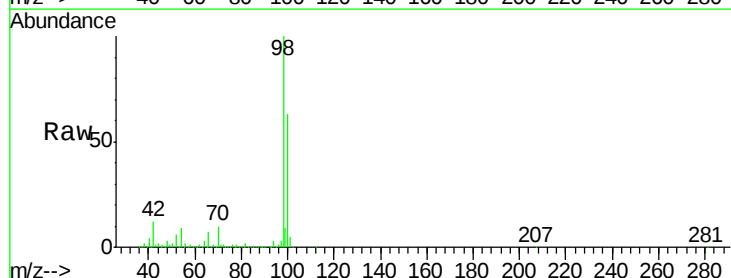


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

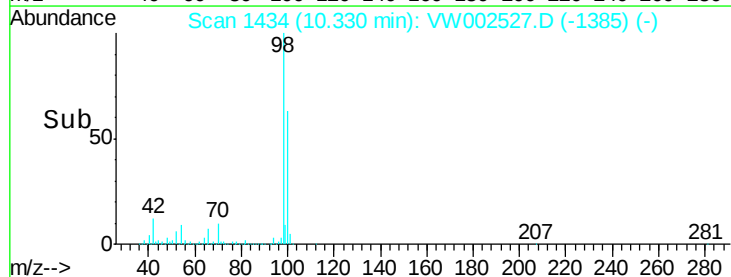
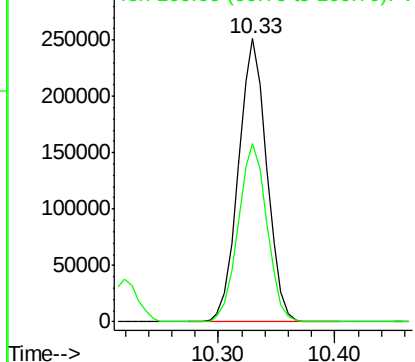


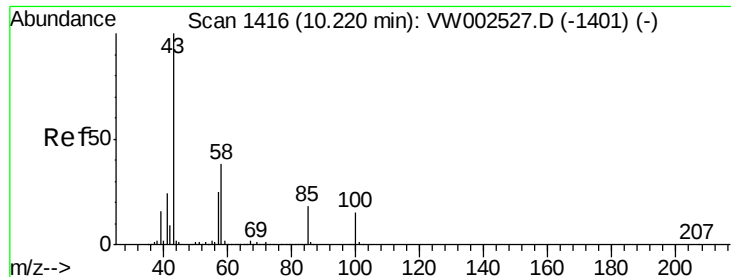
#50
Toluene-d8
Concen: 50.18 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion: 98 Resp: 425217
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.4



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





#51

4-Methyl-2-Pentanone

Concen: 261.00 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampled :

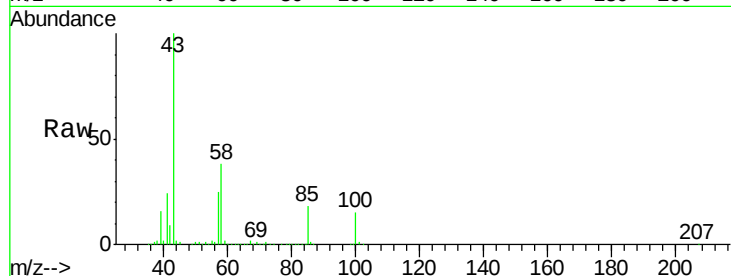
VSTDICCC050

Tgt Ion: 43 Resp: 423616

Ion Ratio Lower Upper

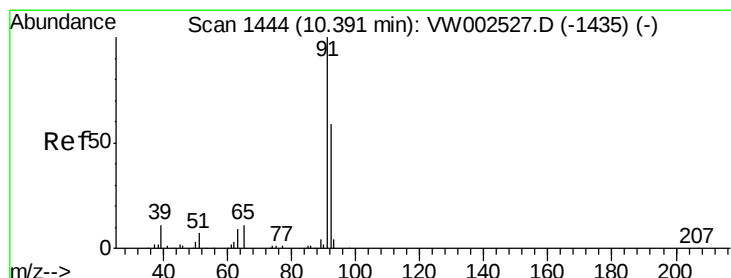
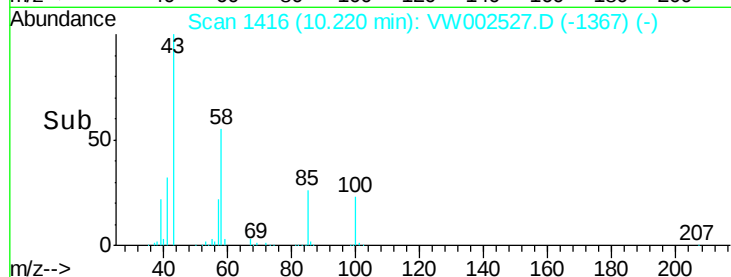
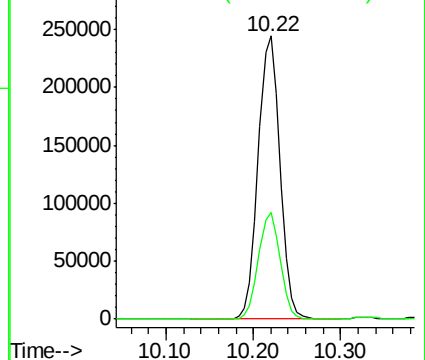
43 100

58 37.6 30.1 45.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 48.32 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW002527.D

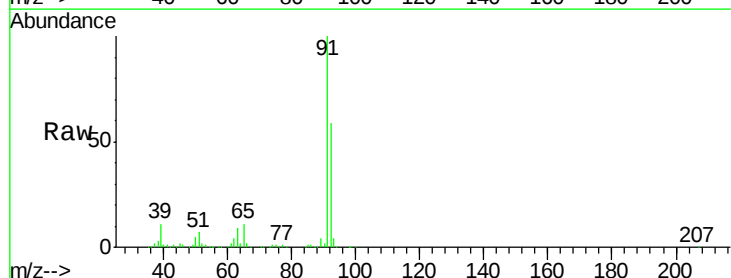
Acq: 14 May 2018 22:06

Tgt Ion: 92 Resp: 280313

Ion Ratio Lower Upper

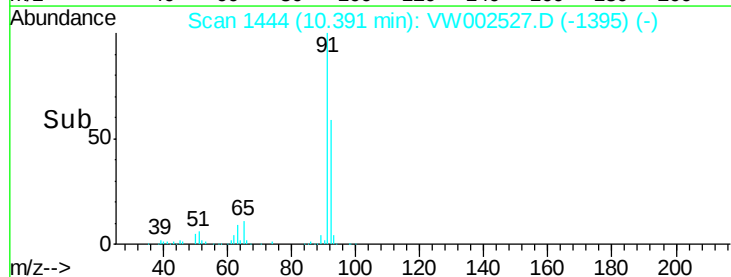
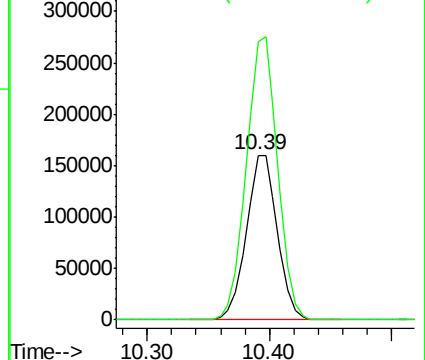
92 100

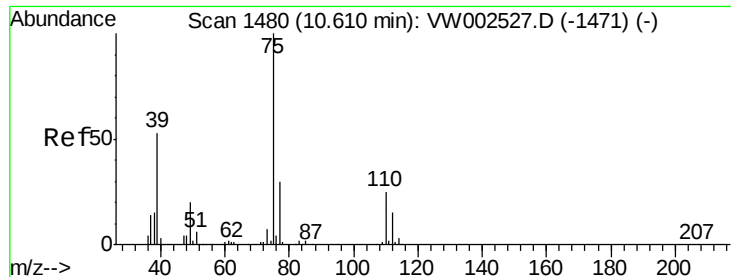
91 173.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

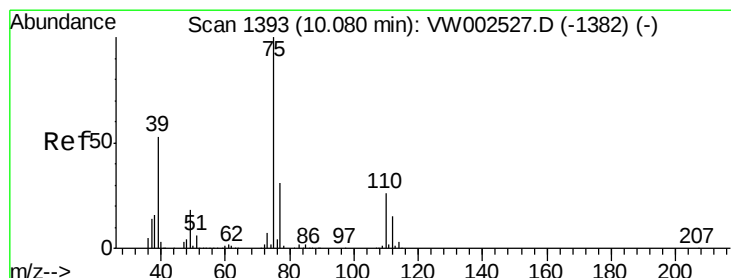
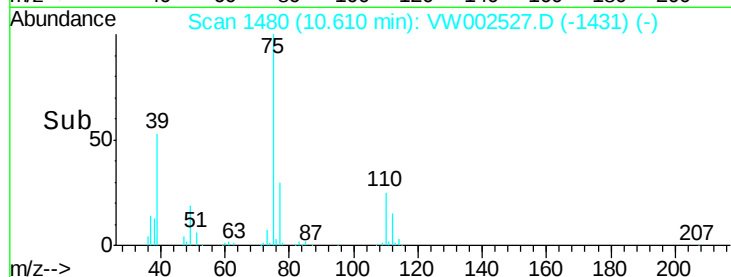
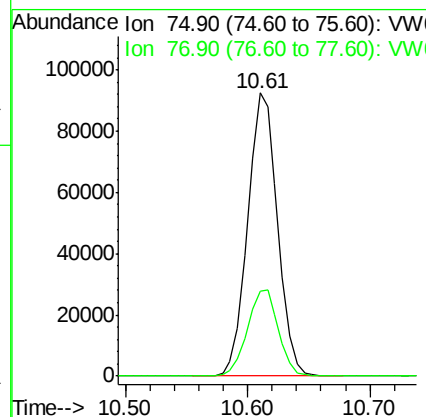
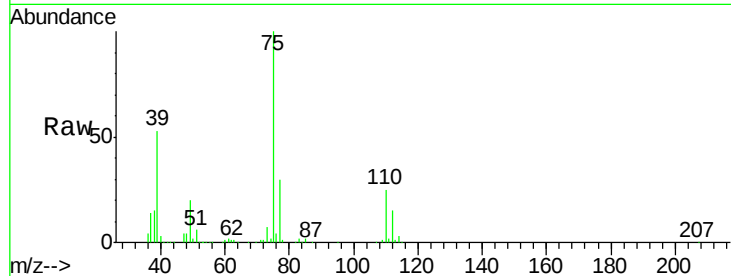




#53
 t-1,3-Dichloropropene
 Concen: 51.86 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

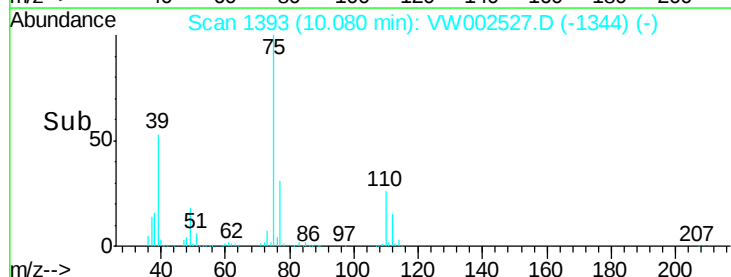
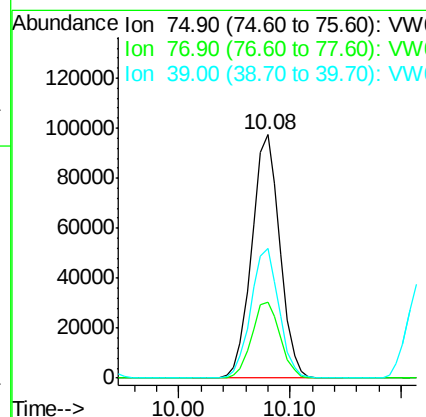
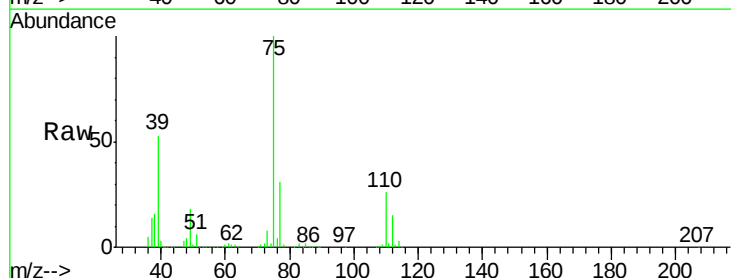
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

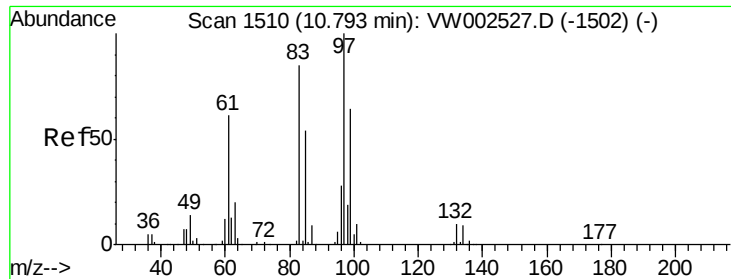
Tgt Ion: 75 Resp: 156109
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 49.92 ug/l
 RT: 10.08 min Scan# 1393
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion: 75 Resp: 170712
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4
 39 53.1 42.5 63.7

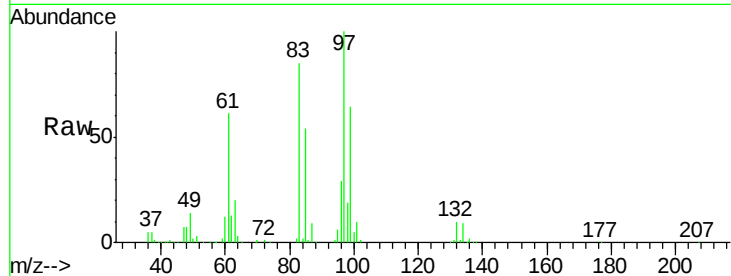




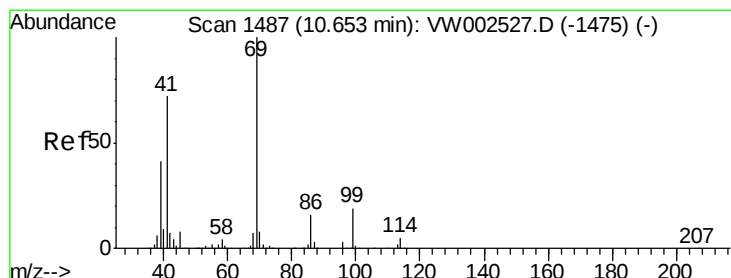
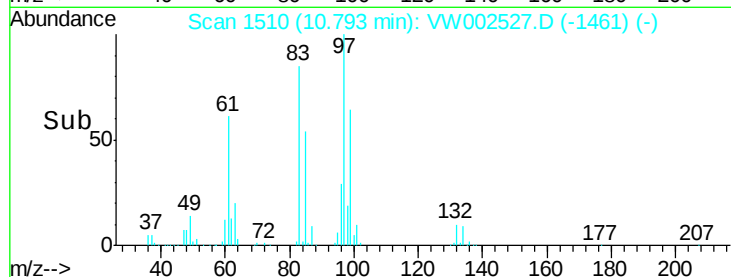
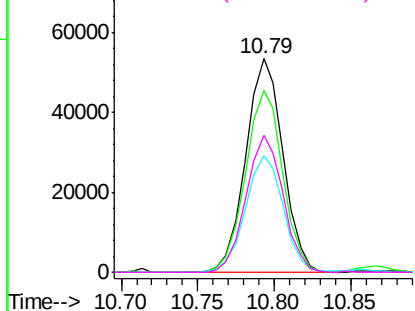
#55
 1,1,2-Trichloroethane
 Concen: 49.63 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	90217
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.1	102.1
85	54.5	43.6	65.4
99	64.0	51.2	76.8

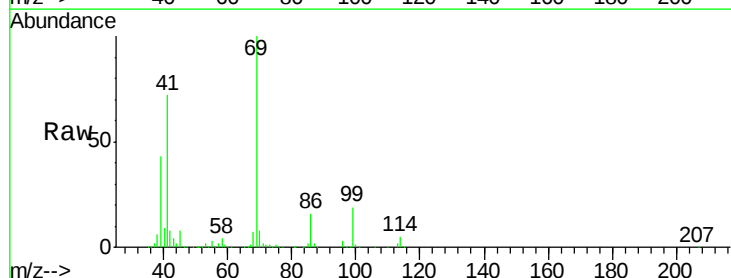


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

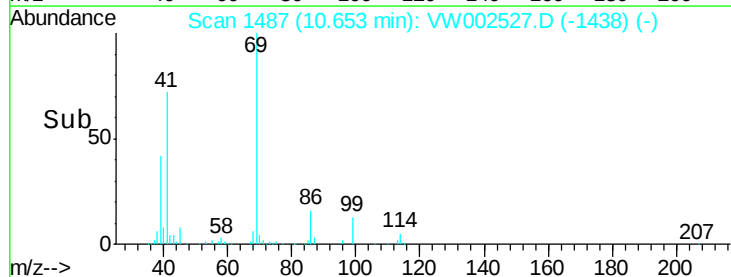
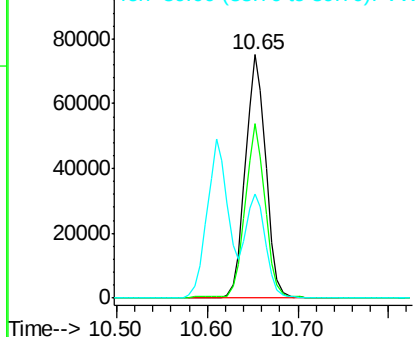


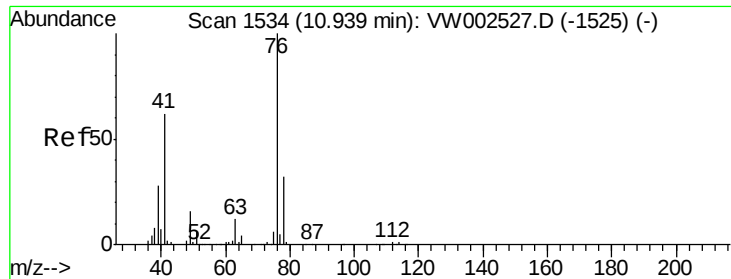
#56
 Ethyl methacrylate
 Concen: 51.95 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion:	69	Resp:	116915
Ion	Ratio	Lower	Upper
69	100		
41	69.1	55.3	82.9
39	41.3	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

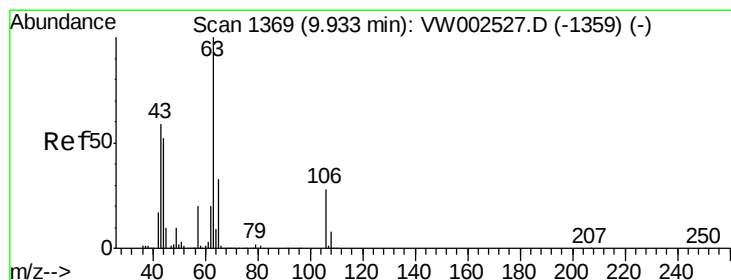
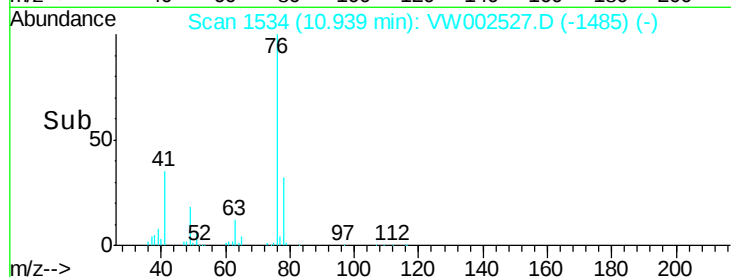
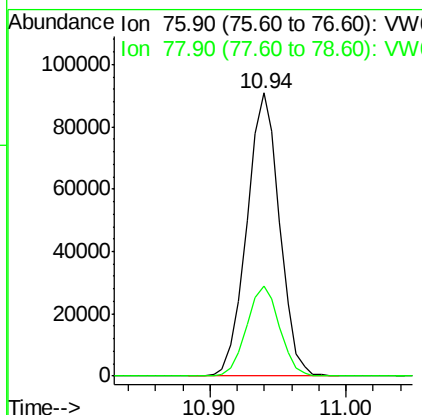
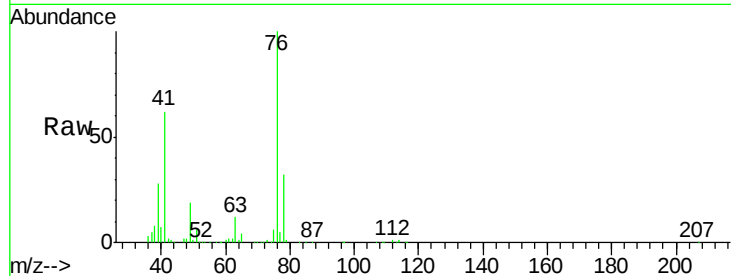




#57
 1,3-Dichloropropane
 Concen: 49.61 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

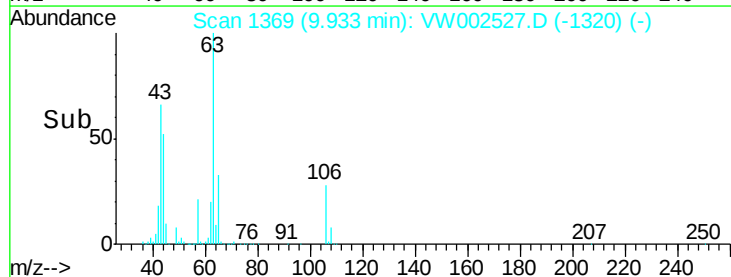
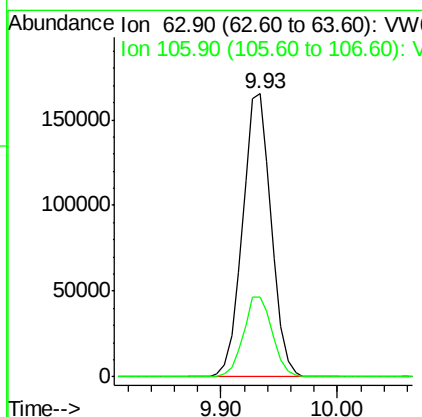
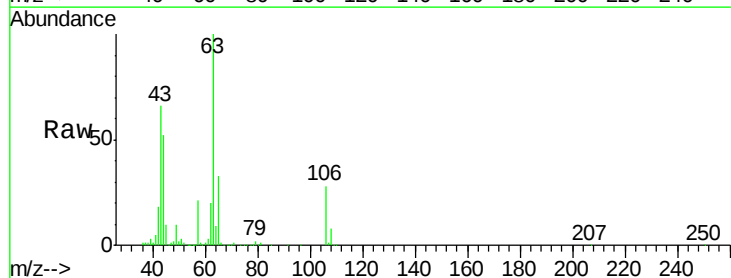
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

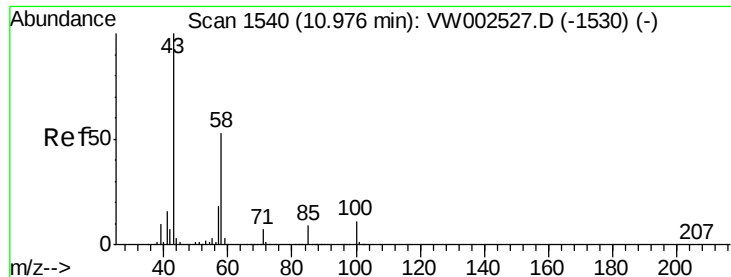
Tgt Ion: 76 Resp: 153046
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.47 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion: 63 Resp: 282762
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.9 34.3

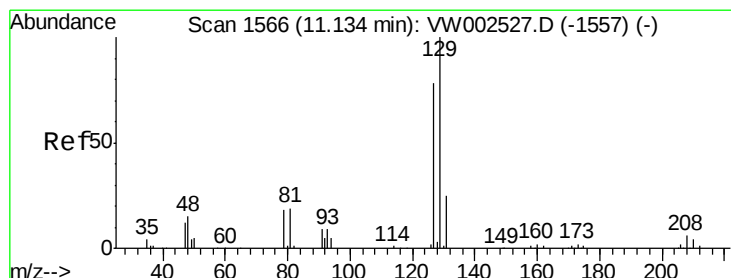
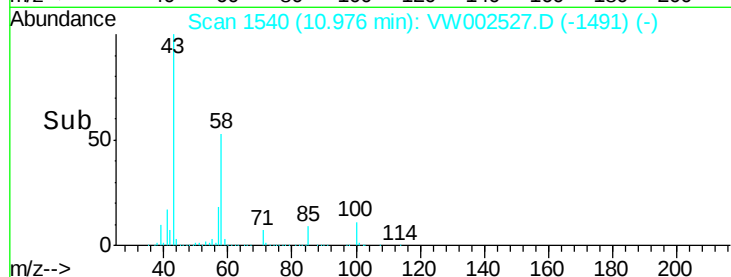
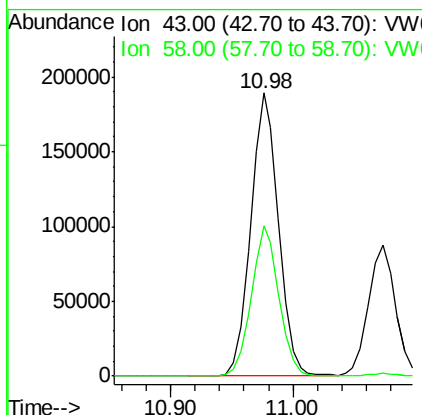
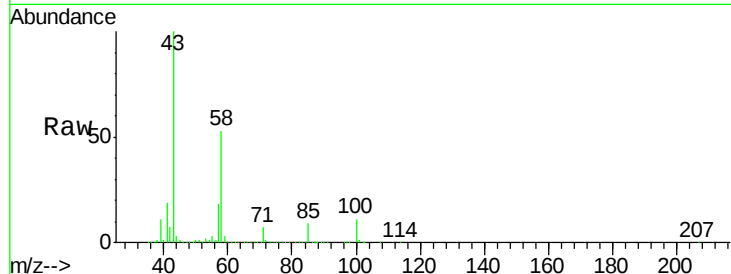




#59
2-Hexanone
Concen: 268.25 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

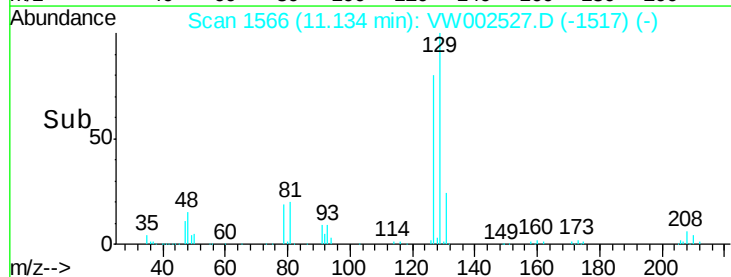
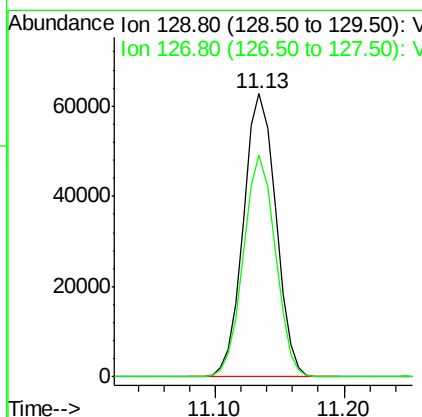
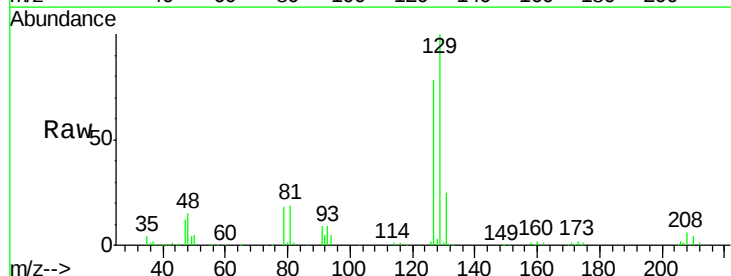
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

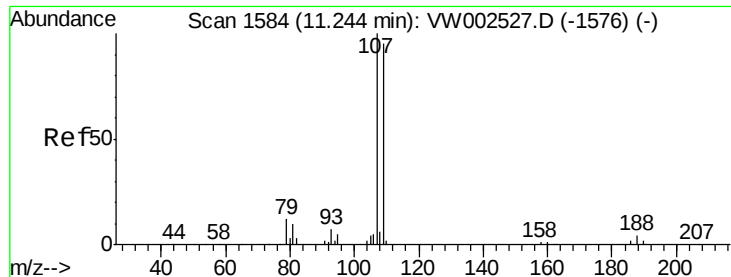
Tgt Ion: 43 Resp: 298313
Ion Ratio Lower Upper
43 100
58 52.5 26.3 78.8



#60
Dibromochloromethane
Concen: 50.79 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion: 129 Resp: 109098
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

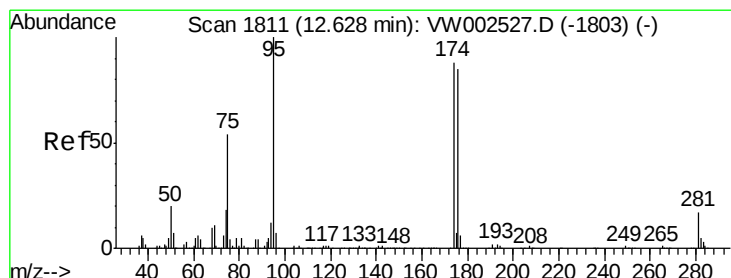
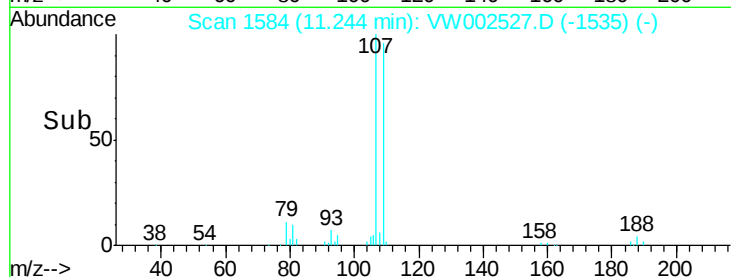
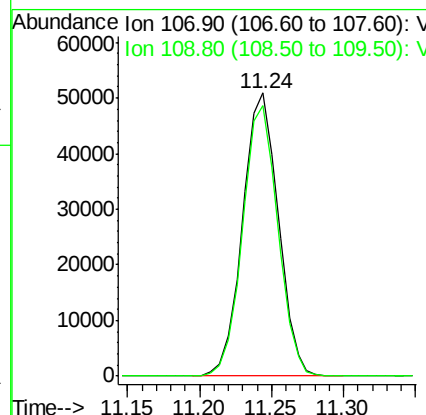
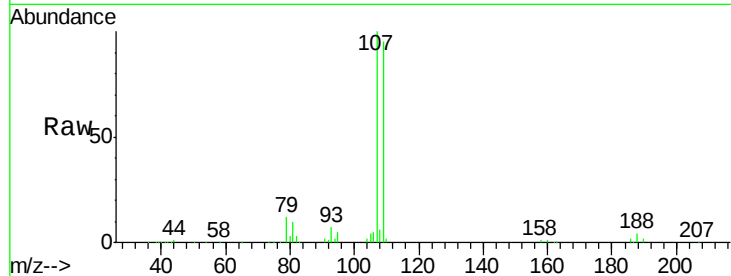




#61
 1,2-Dibromoethane
 Concen: 49.38 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

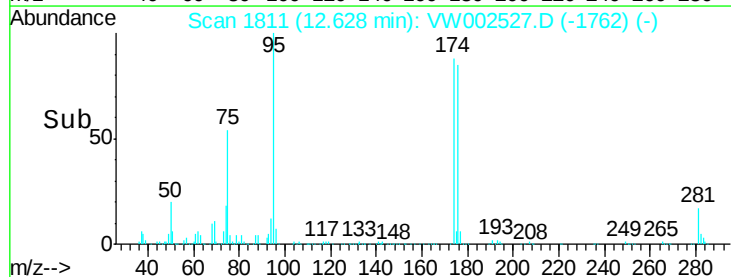
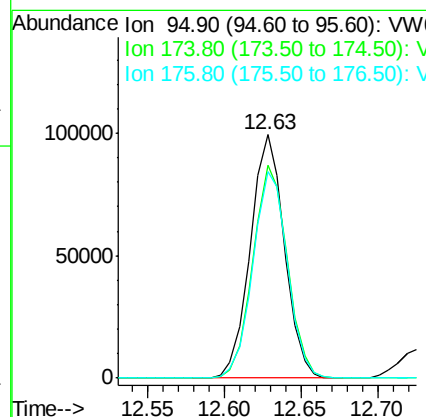
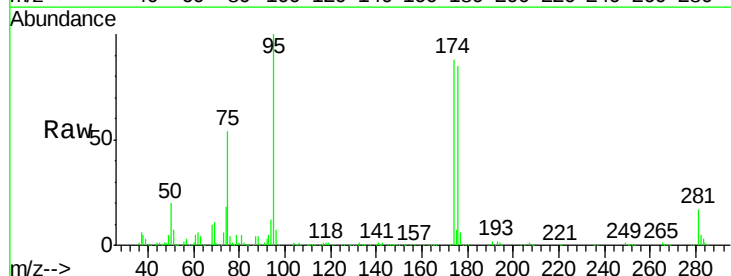
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

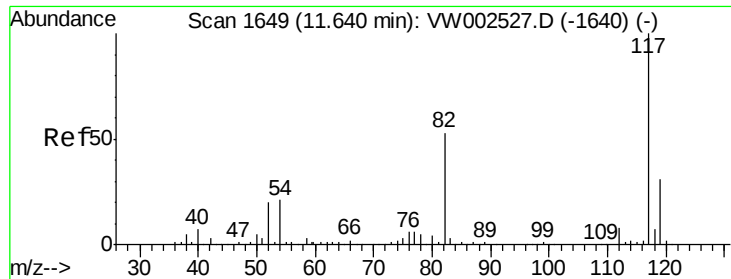
Tgt Ion: 107 Resp: 87461
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.30 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion: 95 Resp: 154134
 Ion Ratio Lower Upper
 95 100
 174 88.3 0.0 176.6
 176 86.1 0.0 172.2

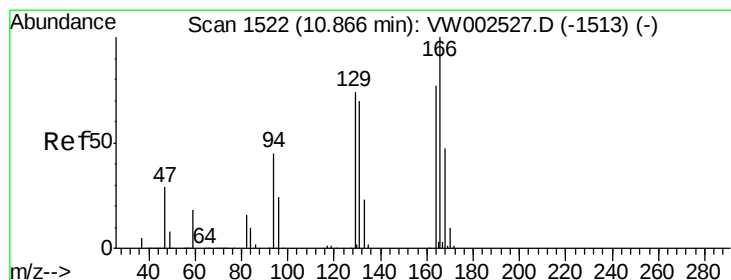
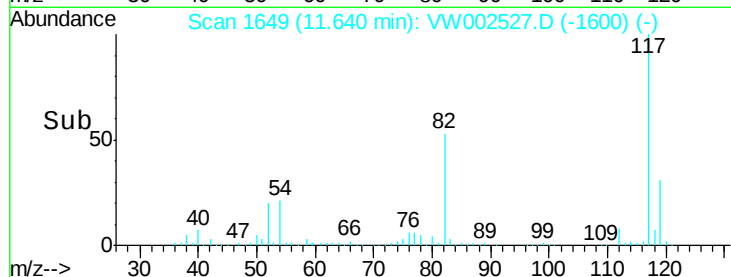
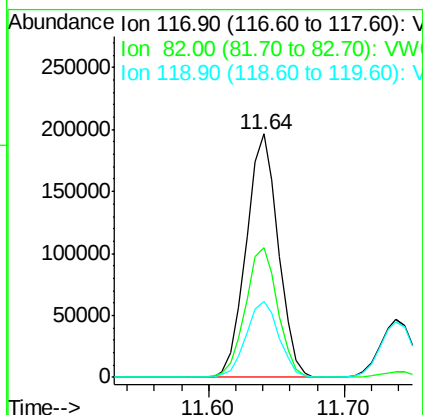
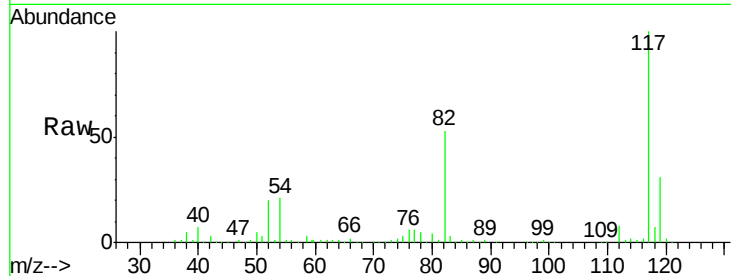




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

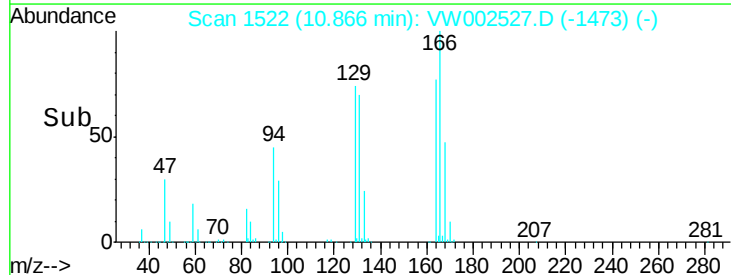
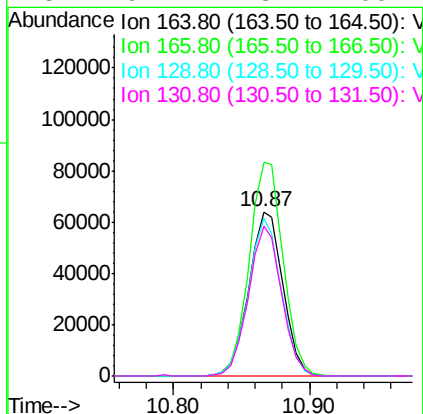
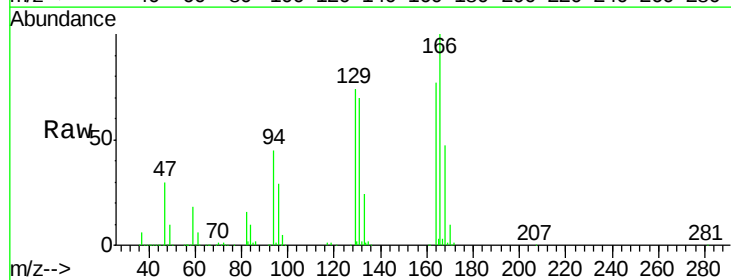
Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

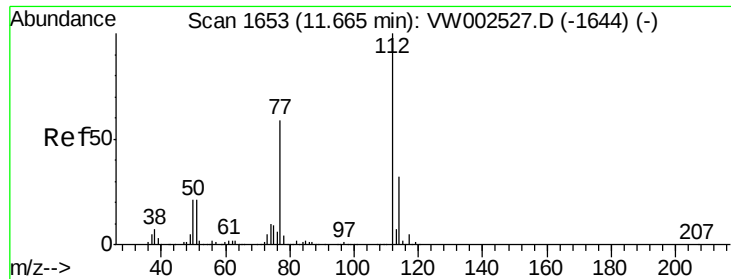
Tgt Ion:117 Resp: 324810
Ion Ratio Lower Upper
117 100
82 53.3 42.6 64.0
119 31.3 25.0 37.6



#64
Tetrachloroethene
Concen: 45.54 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion:164 Resp: 112291
Ion Ratio Lower Upper
164 100
166 130.2 104.2 156.2
129 96.2 77.0 115.4
131 91.4 73.1 109.7





#65

Chlorobenzene

Concen: 48.26 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

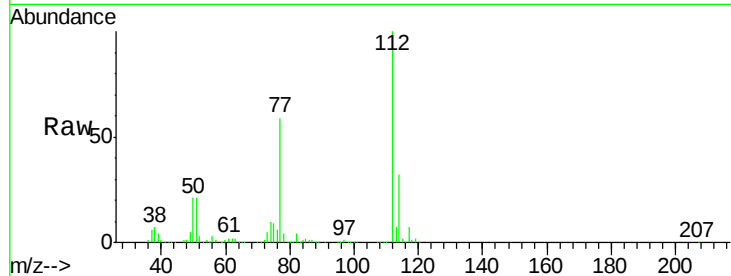
VSTDICCC050

Tgt Ion:112 Resp: 318542

Ion Ratio Lower Upper

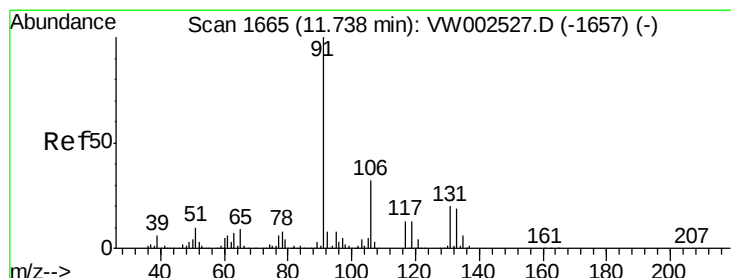
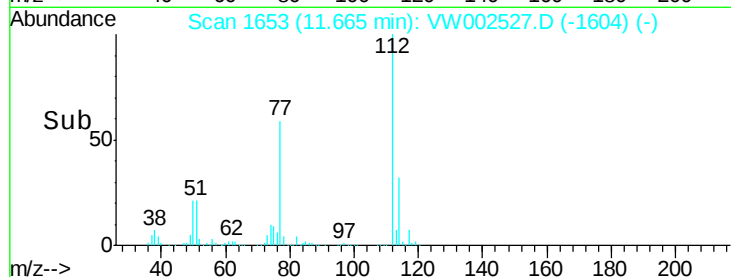
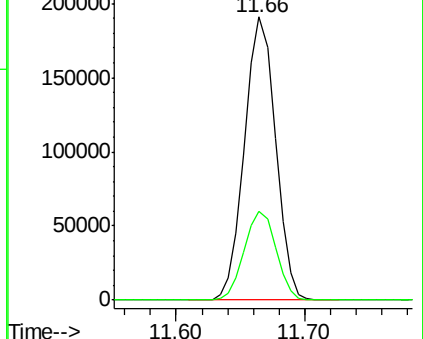
112 100

114 31.6 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.32 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

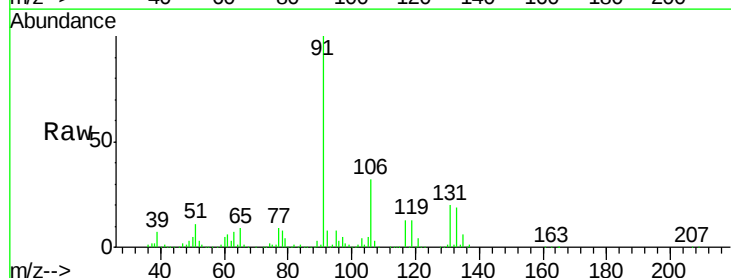
Tgt Ion:131 Resp: 116327

Ion Ratio Lower Upper

131 100

133 96.9 48.4 145.3

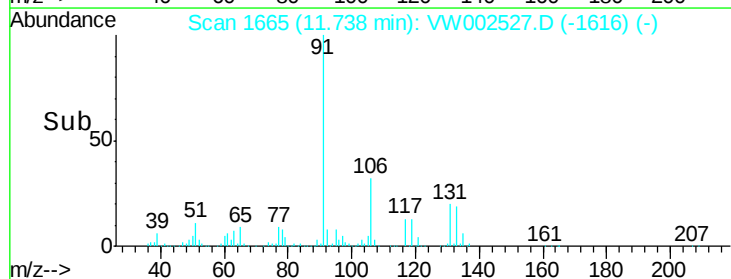
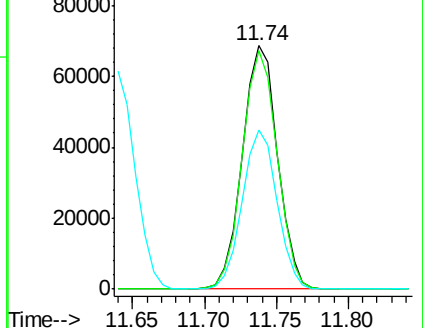
119 64.4 32.2 96.6

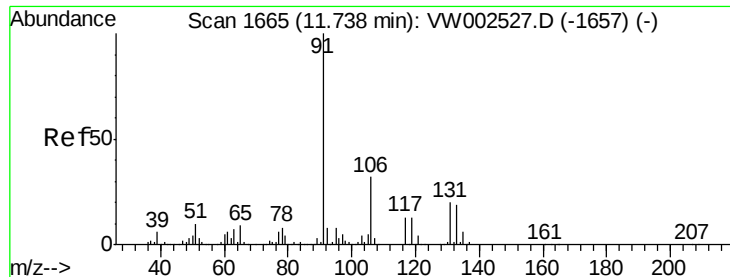


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

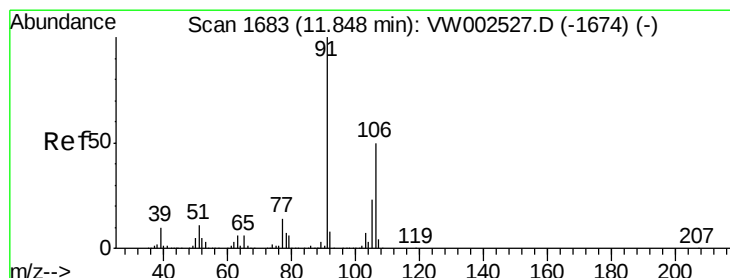
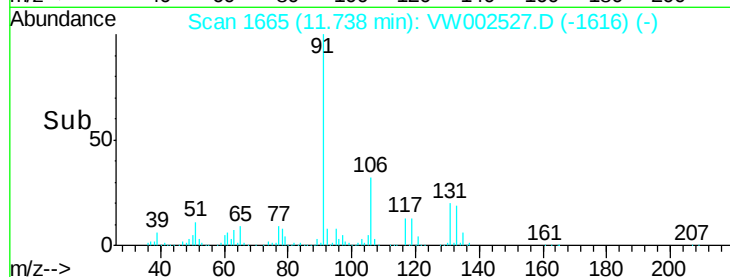
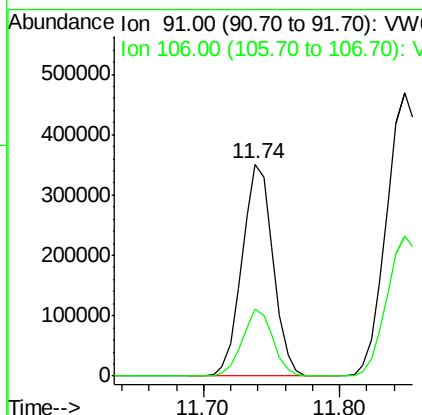
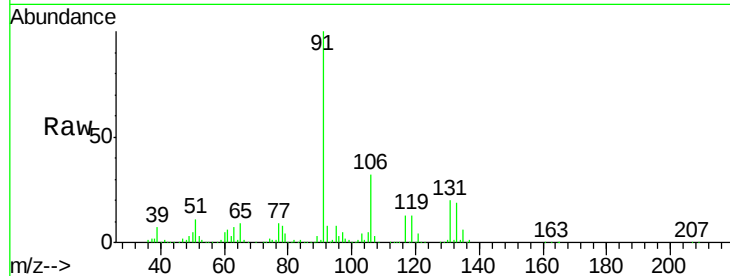




#67
Ethyl Benzene
Concen: 49.08 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

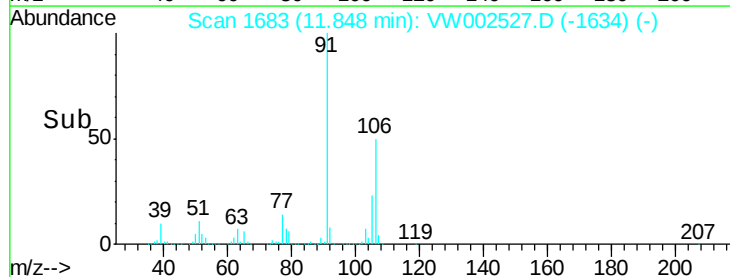
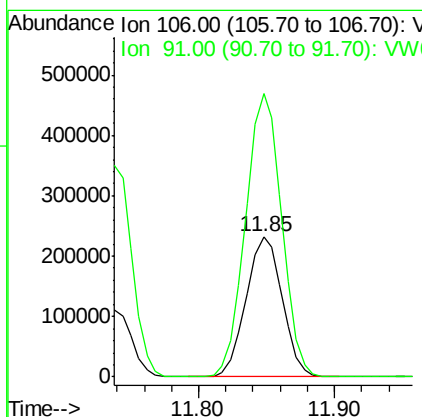
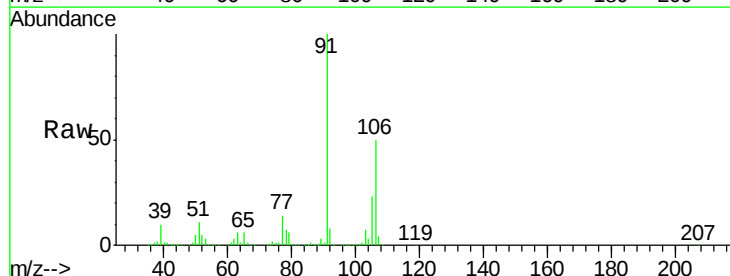
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

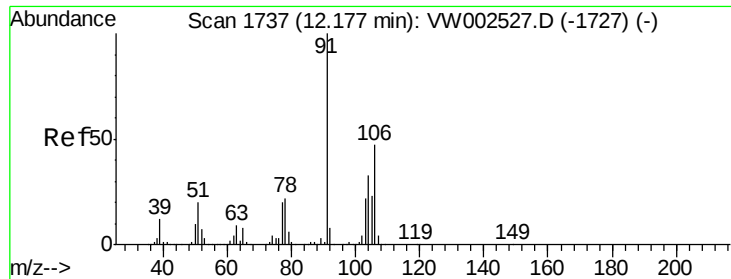
Tgt Ion: 91 Resp: 558104
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0



#68
m/p-Xylenes
Concen: 98.68 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion: 106 Resp: 432612
Ion Ratio Lower Upper
106 100
91 201.8 161.4 242.2

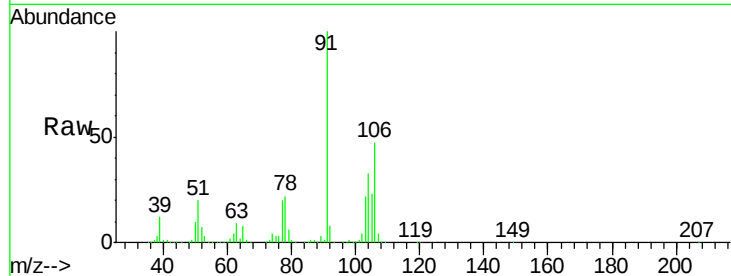




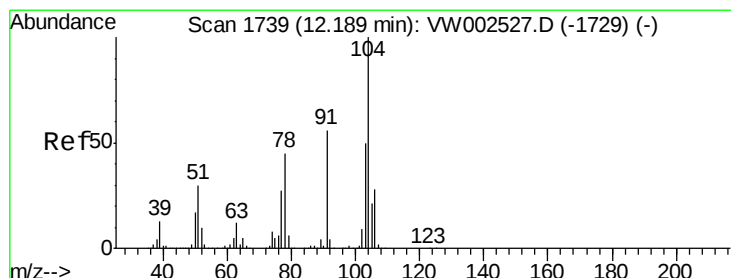
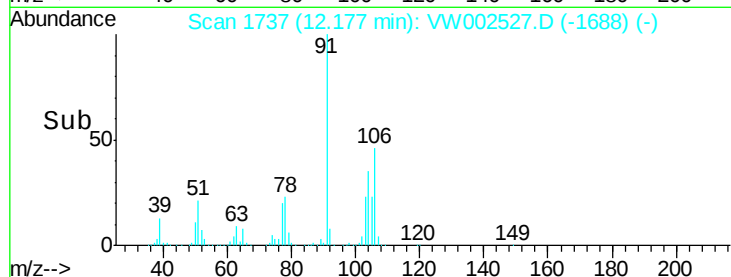
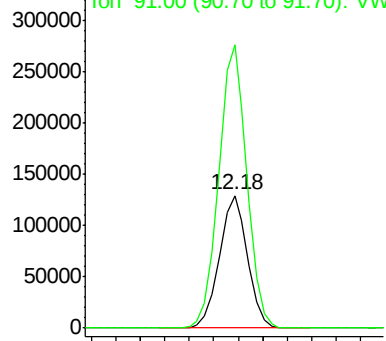
#69
o-Xylene
Concen: 49.28 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 205564
Ion Ratio Lower Upper
106 100
91 213.5 106.7 320.2

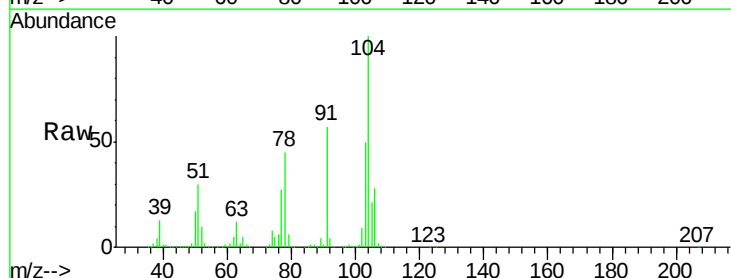


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

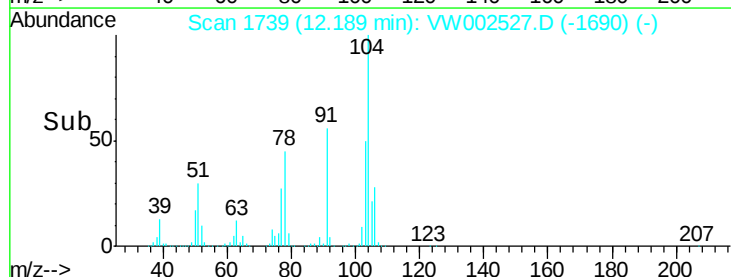
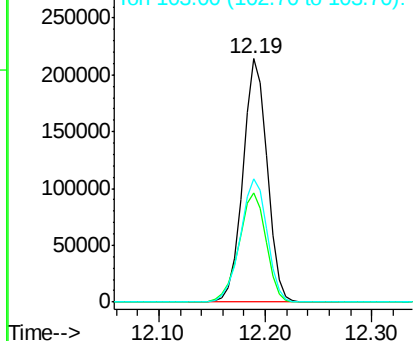


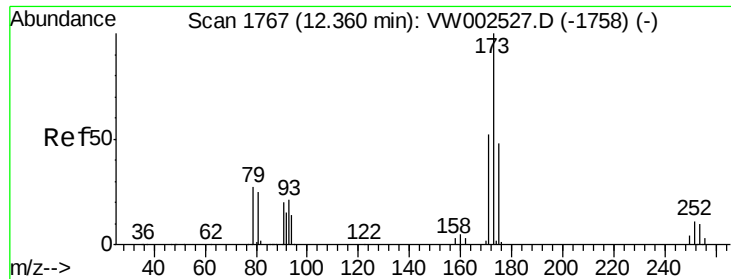
#70
Styrene
Concen: 49.54 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion:104 Resp: 342823
Ion Ratio Lower Upper
104 100
78 50.1 40.1 60.1
103 55.7 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.55 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

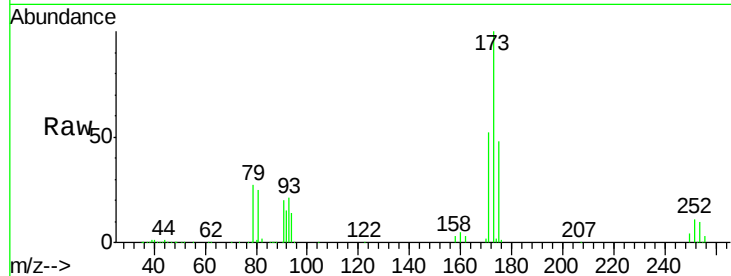
Tgt Ion:173 Resp: 70273

Ion Ratio Lower Upper

173 100

175 49.0 24.5 73.5

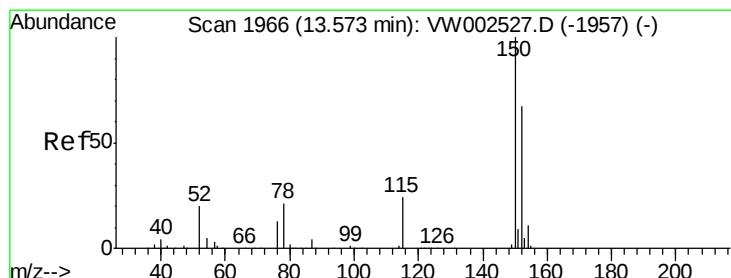
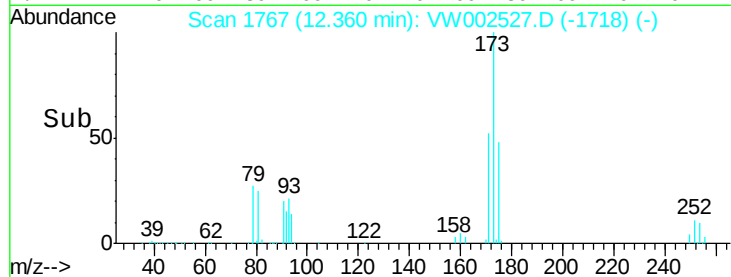
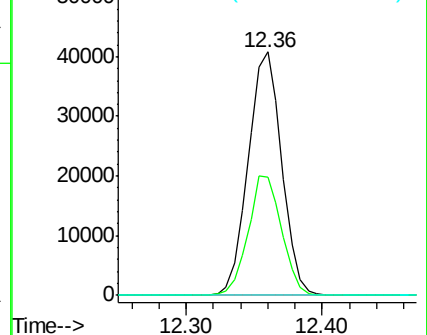
254 0.1 0.1 0.1



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: VW002527.D

Acq: 14 May 2018 22:06

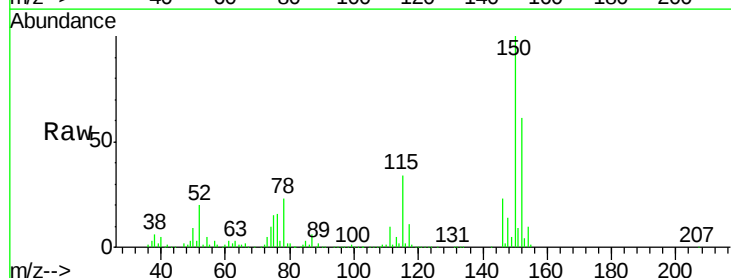
Tgt Ion:152 Resp: 179800

Ion Ratio Lower Upper

152 100

115 56.0 28.0 84.0

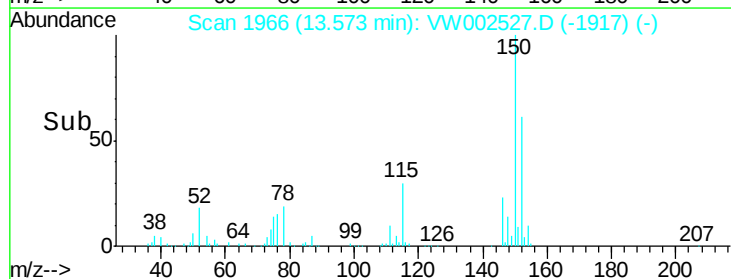
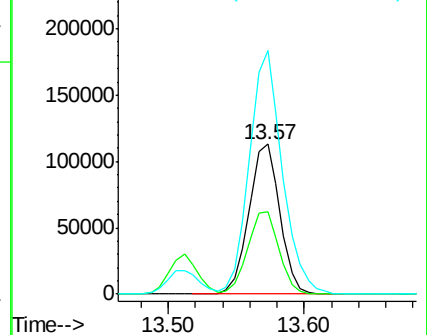
150 172.7 0.0 345.4

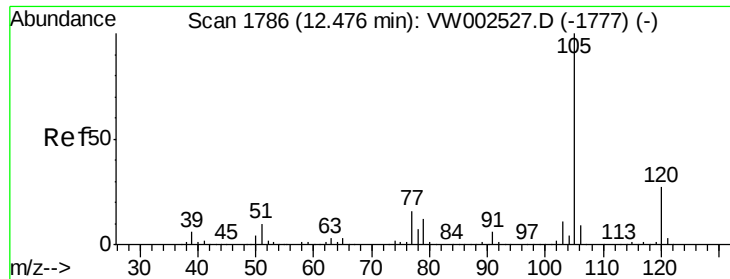


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.60 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

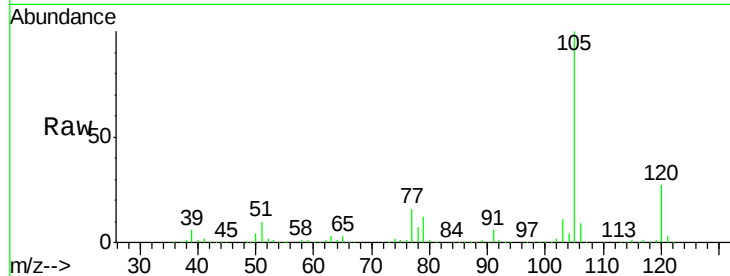
VSTDICCC050

Tgt Ion: 105 Resp: 565521

Ion Ratio Lower Upper

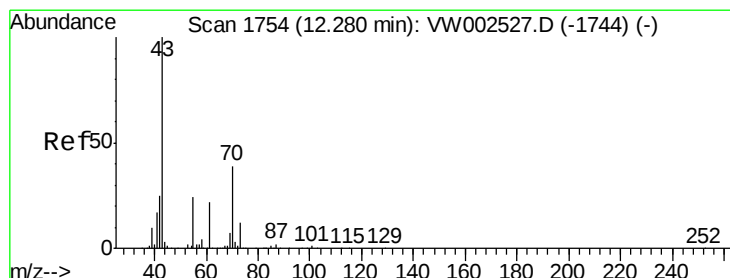
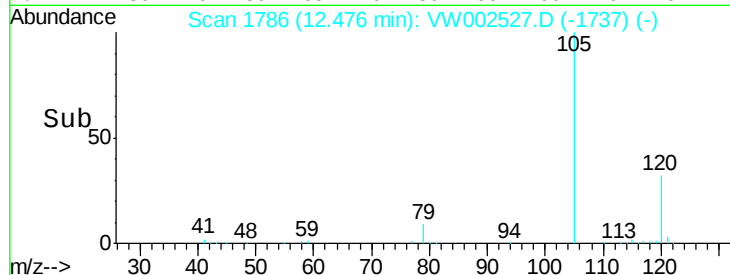
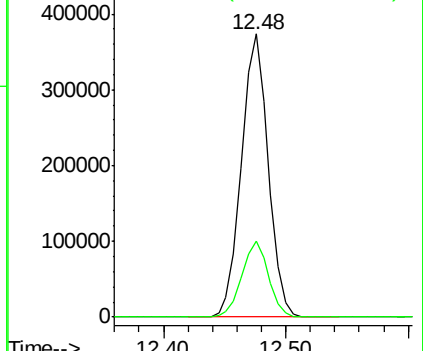
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.05 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Tgt Ion: 43 Resp: 149904

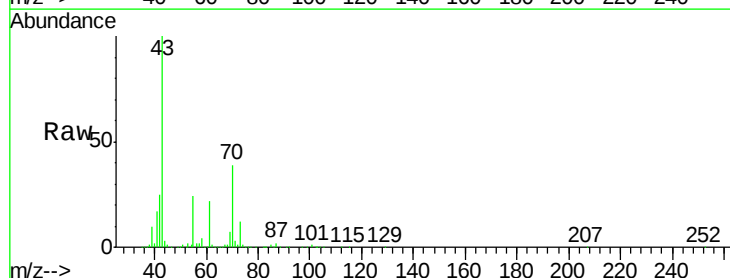
Ion Ratio Lower Upper

43 100

70 39.9 31.9 47.9

55 24.2 19.4 29.0

61 22.9 18.3 27.5

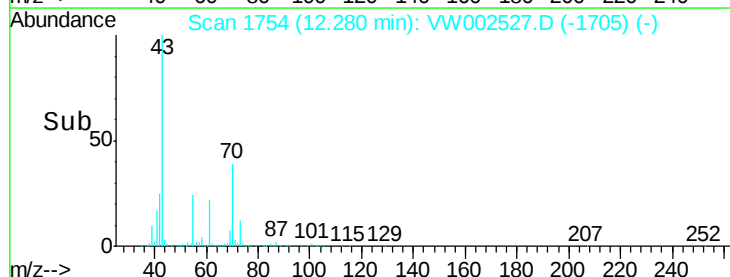
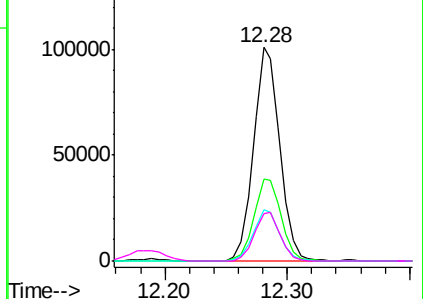


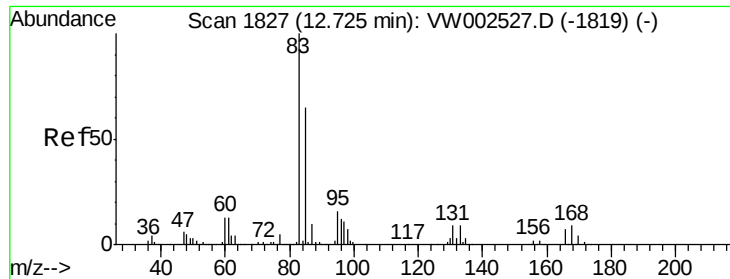
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 50.67 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

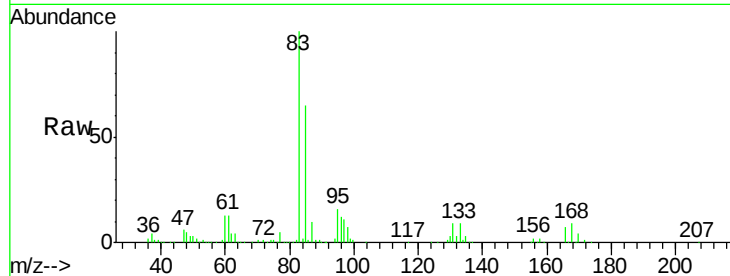
Tgt Ion: 83 Resp: 115222

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

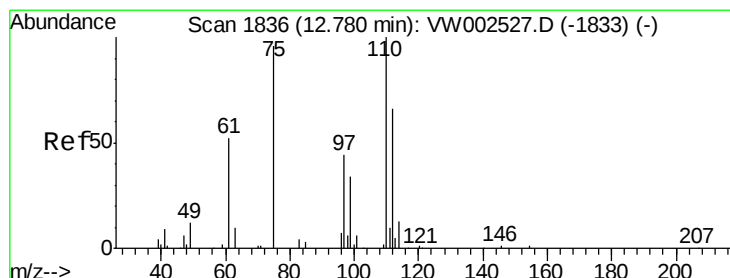
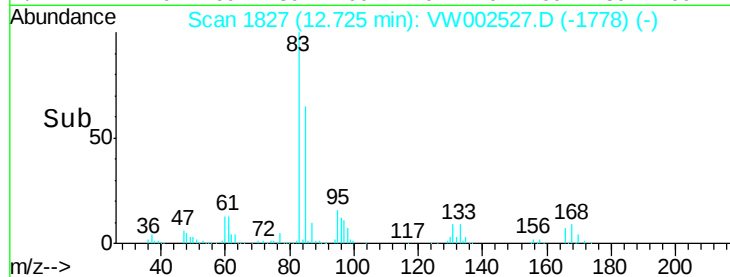
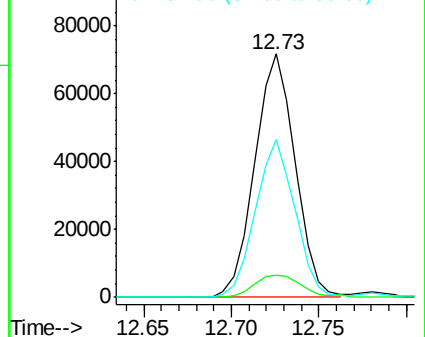
85 63.2 31.6 94.8



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: 89.77 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VW002527.D

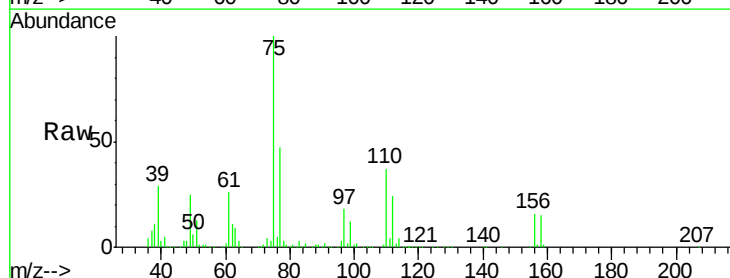
Acq: 14 May 2018 22:06

Tgt Ion: 75 Resp: 149154

Ion Ratio Lower Upper

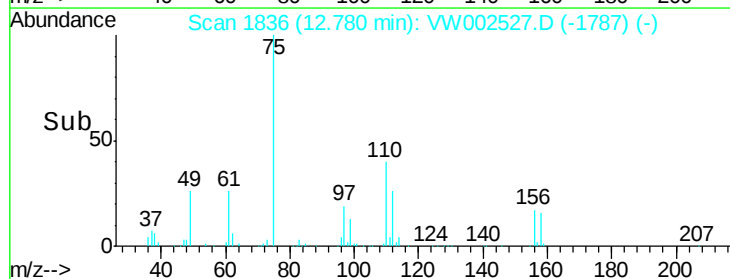
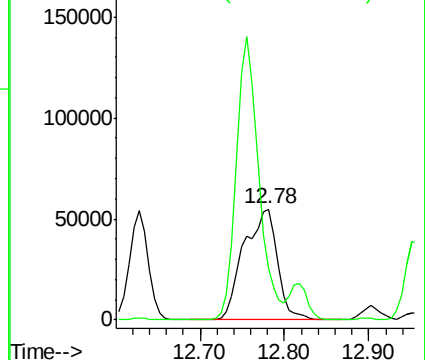
75 100

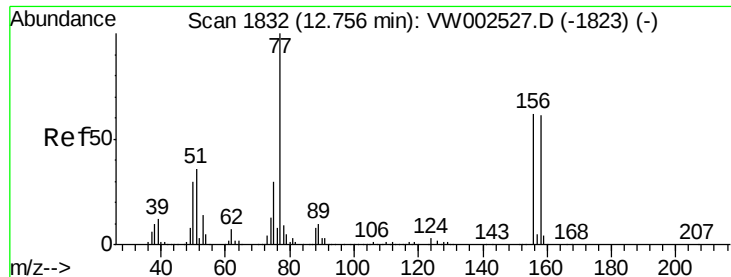
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 48.08 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

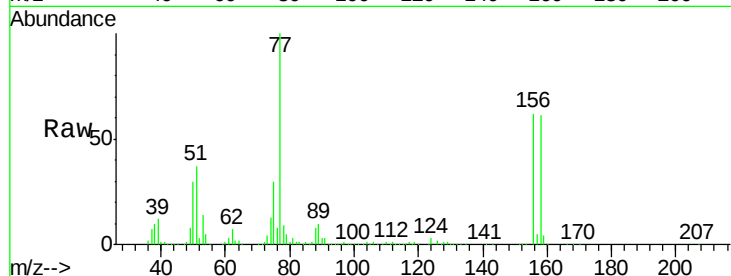
Tgt Ion:156 Resp: 141176

Ion Ratio Lower Upper

156 100

77 179.6 89.8 269.4

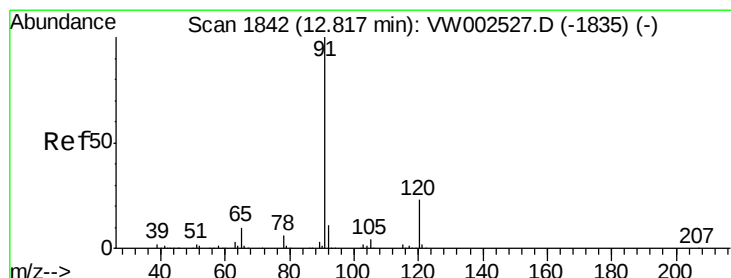
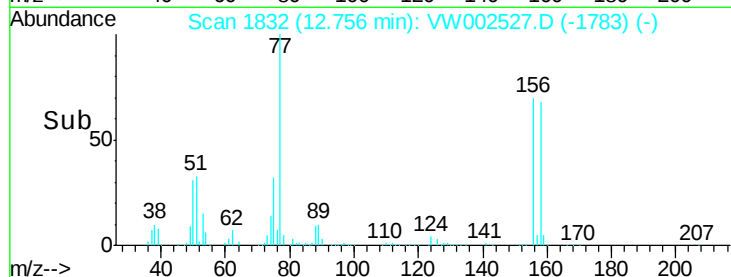
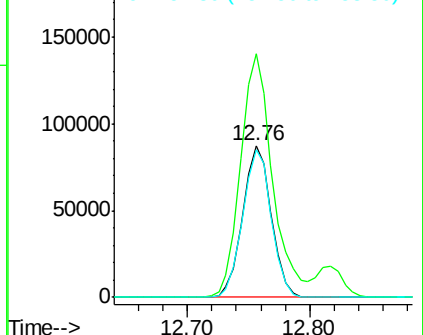
158 97.5 48.8 146.3



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: 49.41 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VW002527.D

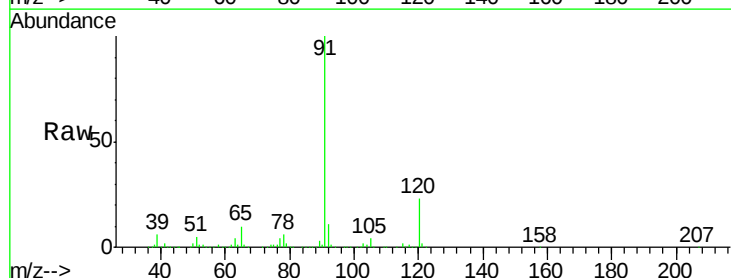
Acq: 14 May 2018 22:06

Tgt Ion: 91 Resp: 681670

Ion Ratio Lower Upper

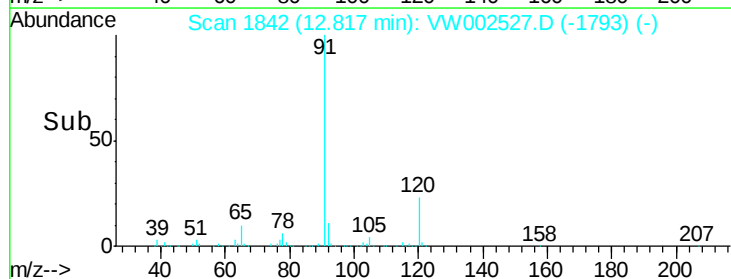
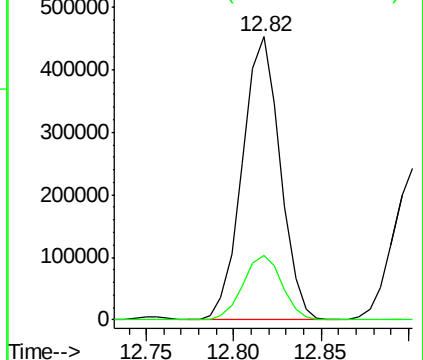
91 100

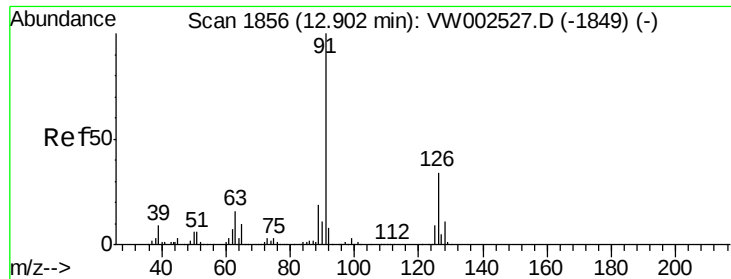
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.17 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

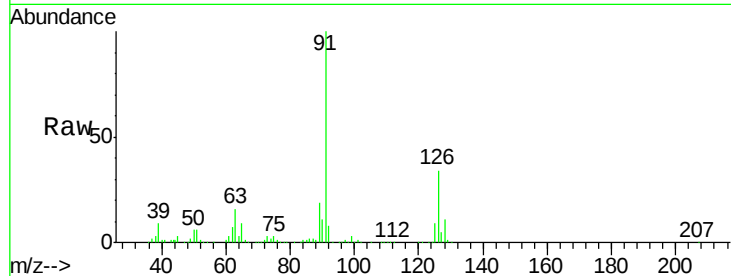
VSTDICCC050

Tgt Ion: 91 Resp: 381987

Ion Ratio Lower Upper

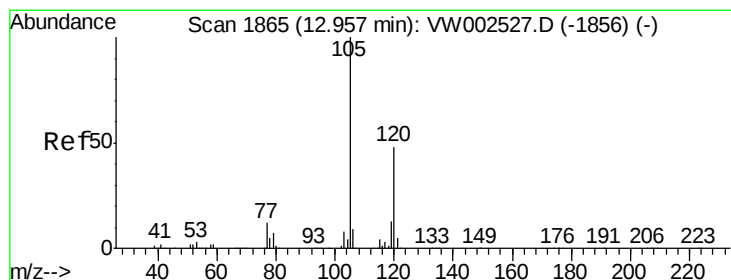
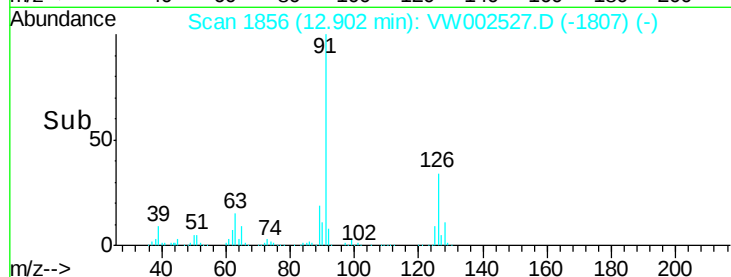
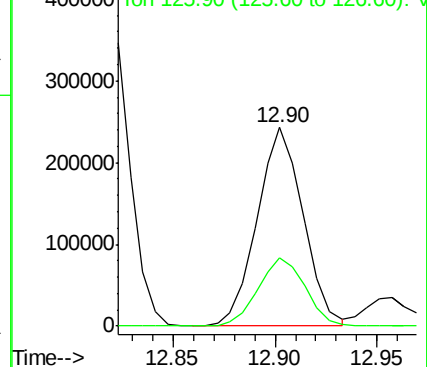
91 100

126 35.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.43 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VW002527.D

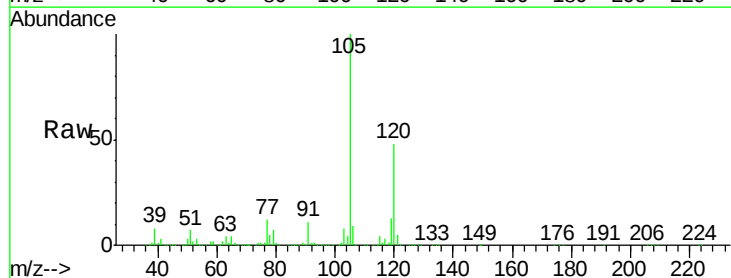
Acq: 14 May 2018 22:06

Tgt Ion: 105 Resp: 484238

Ion Ratio Lower Upper

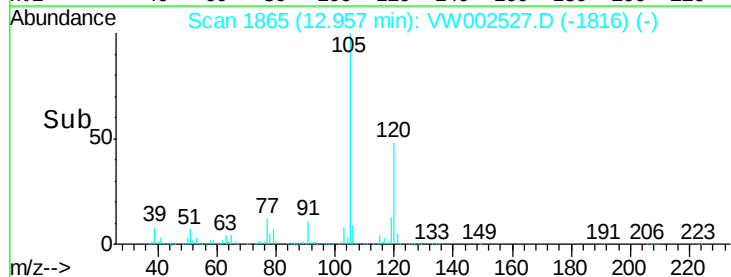
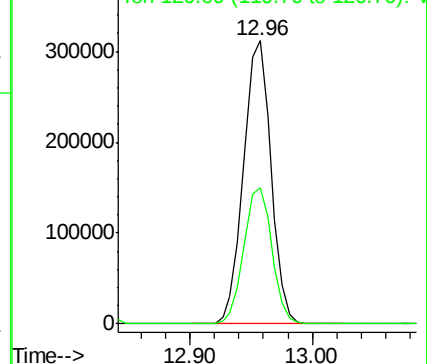
105 100

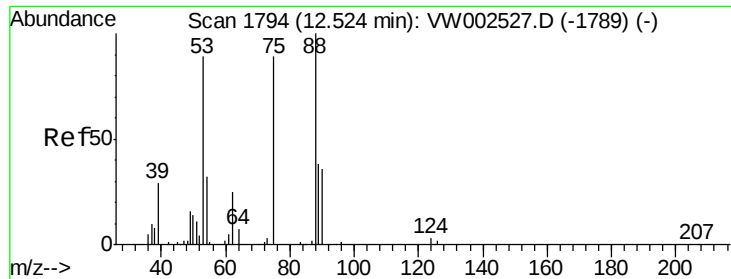
120 49.2 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 53.43 ug/l

RT: 12.52 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

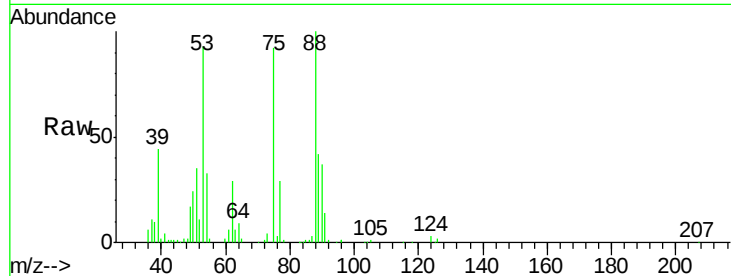
Tgt Ion: 75 Resp: 32668

Ion Ratio Lower Upper

75 100

53 103.3 82.6 124.0

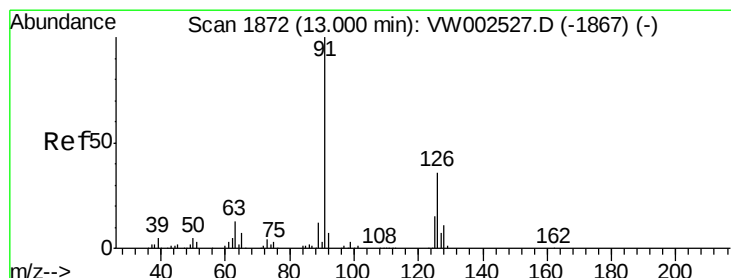
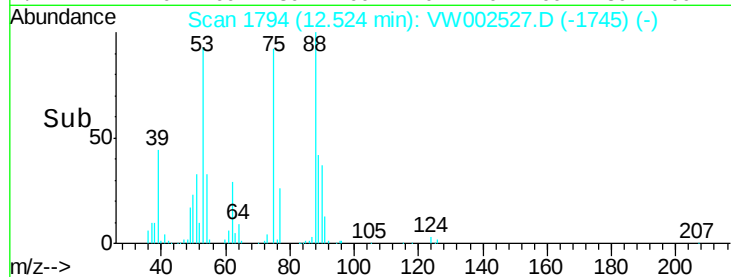
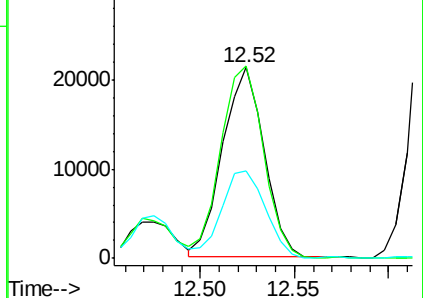
89 49.0 39.2 58.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 48.60 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VW002527.D

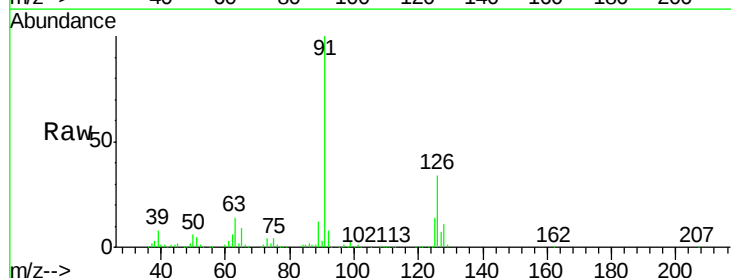
Acq: 14 May 2018 22:06

Tgt Ion: 91 Resp: 410559

Ion Ratio Lower Upper

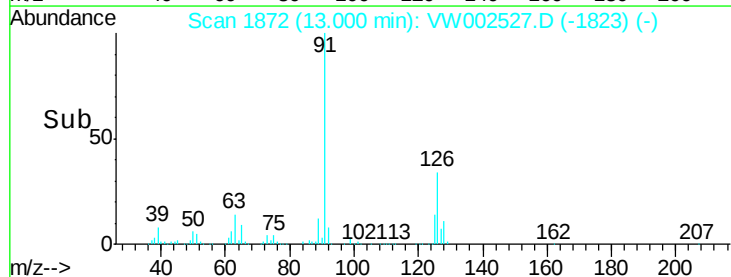
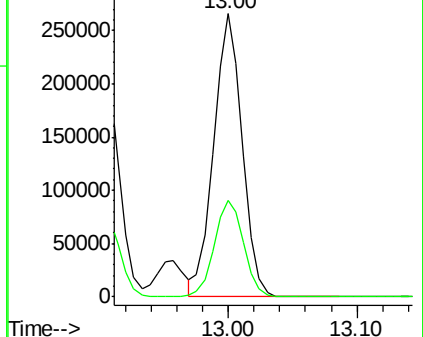
91 100

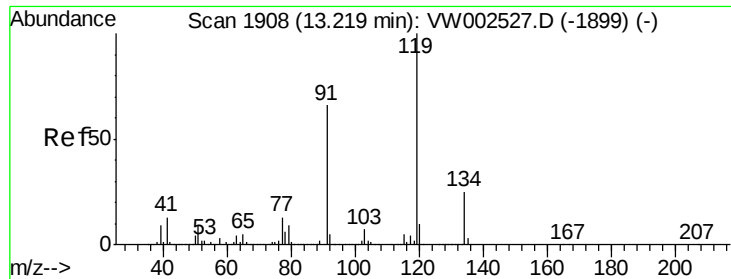
126 35.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): VW

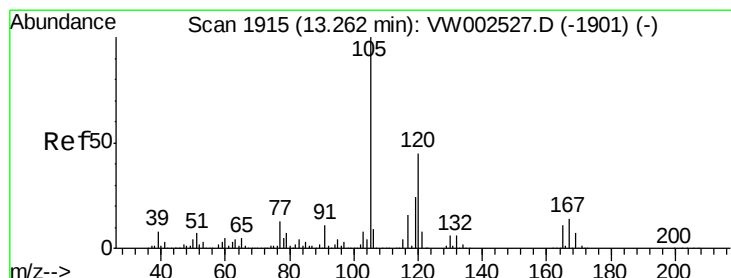
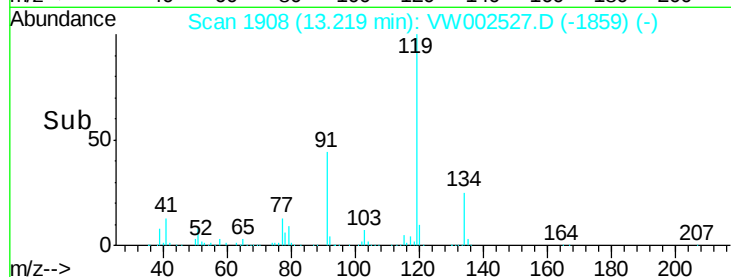
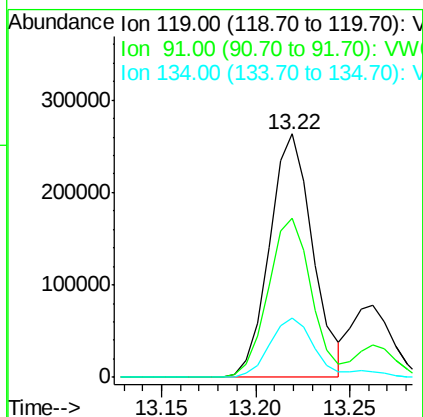
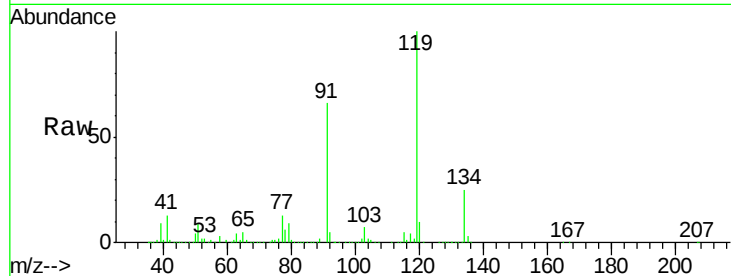




#83
tert-Butylbenzene
Concen: 49.84 ug/l
RT: 13.22 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

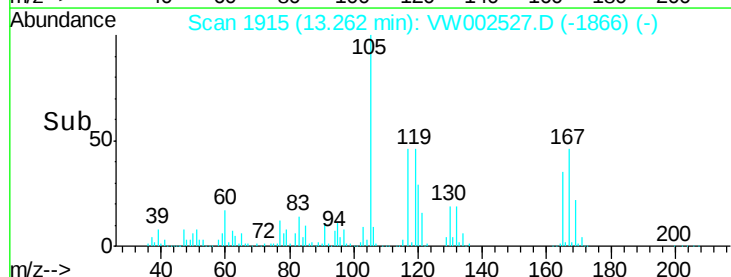
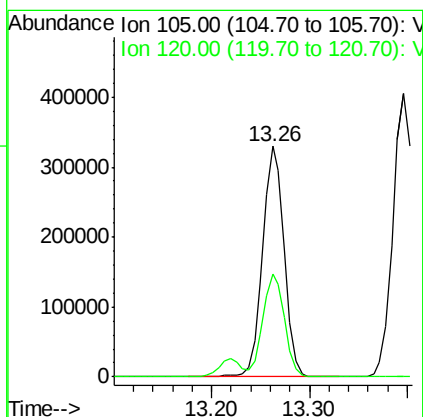
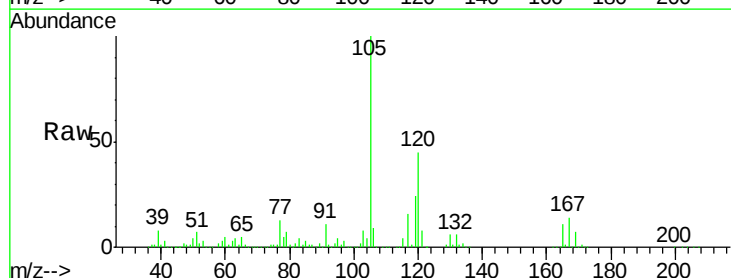
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

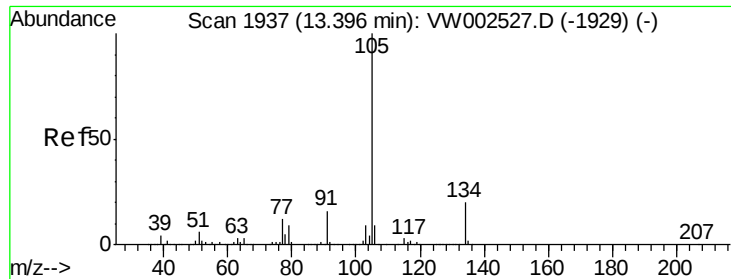
Tgt Ion:119 Resp: 419649
Ion Ratio Lower Upper
119 100
91 65.0 32.5 97.5
134 26.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 49.91 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW002527.D
Acq: 14 May 2018 22:06

Tgt Ion:105 Resp: 507095
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.9

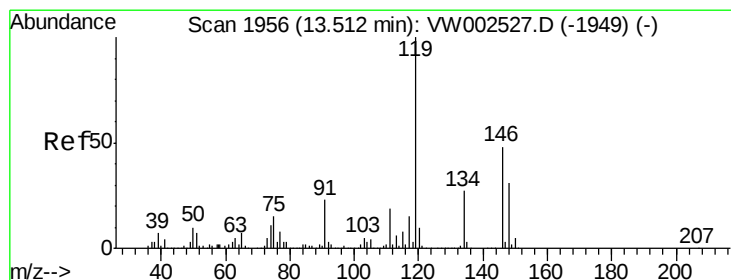
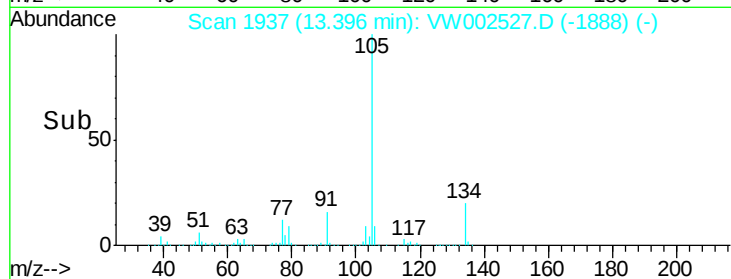
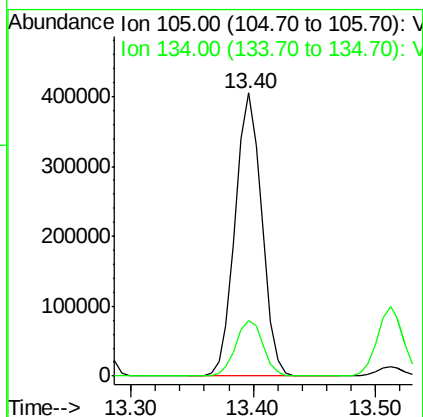
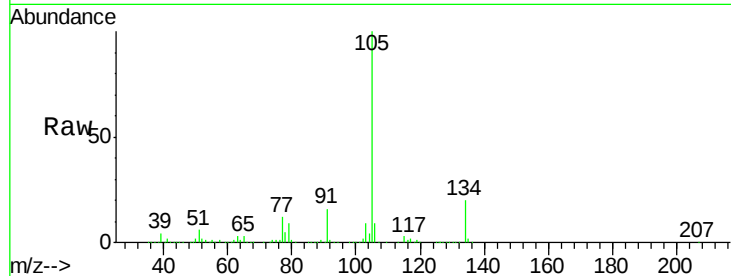




#85
 sec-Butylbenzene
 Concen: 50.37 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

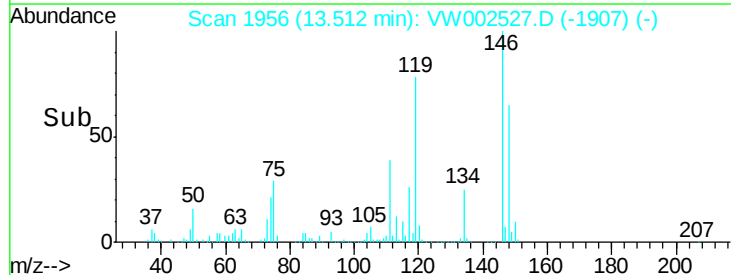
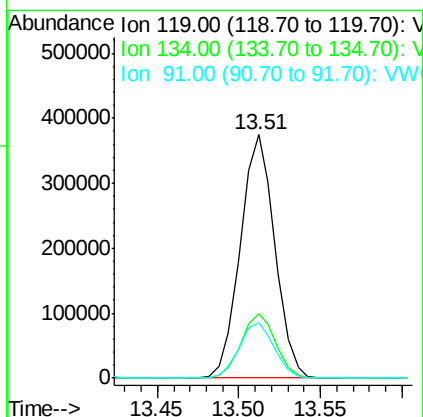
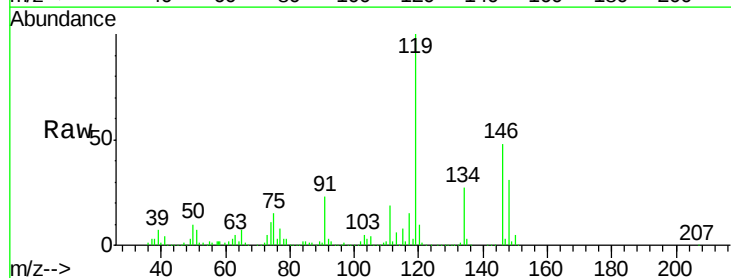
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

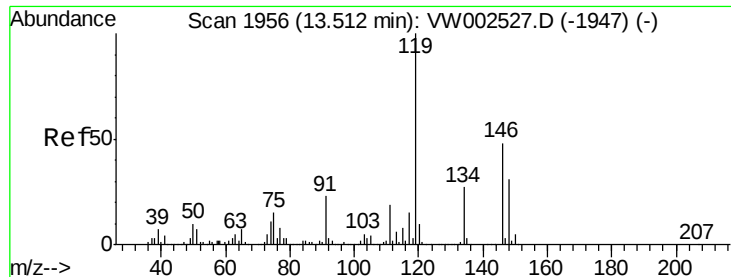
Tgt Ion:105 Resp: 607295
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 50.92 ug/l
 RT: 13.51 min Scan# 1956
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion:119 Resp: 550111
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 23.2 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 48.71 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

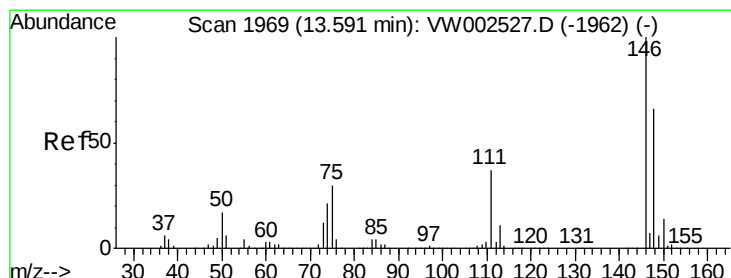
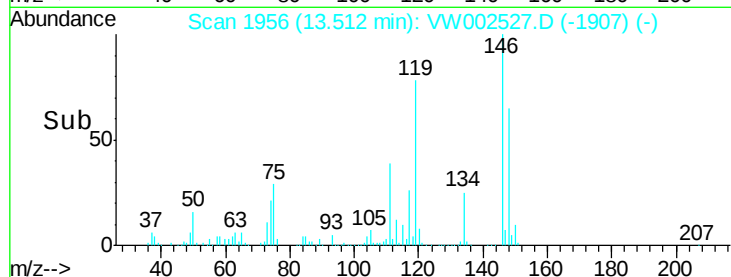
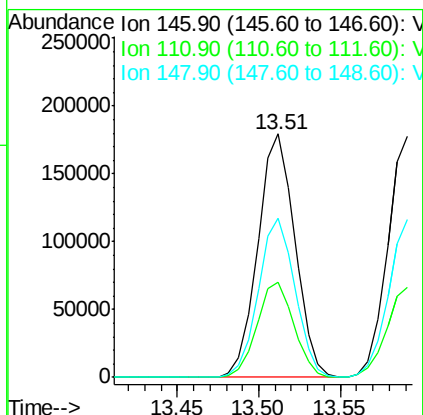
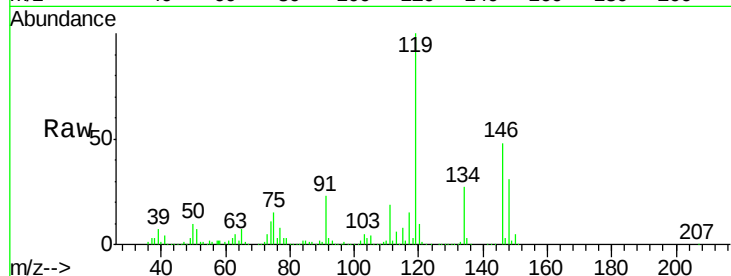
Tgt Ion:146 Resp: 283024

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

148 64.5 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 48.47 ug/l

RT: 13.59 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

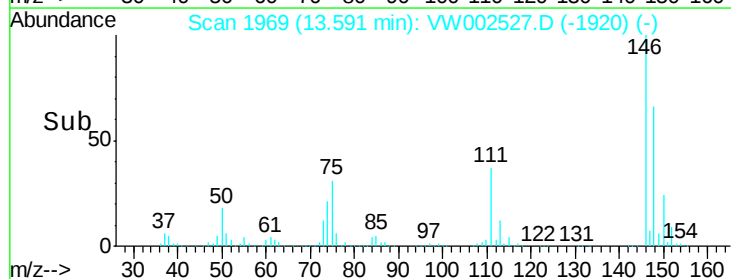
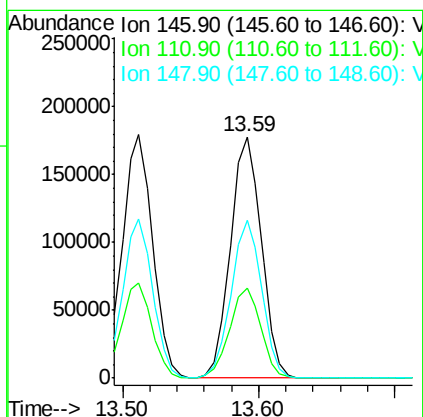
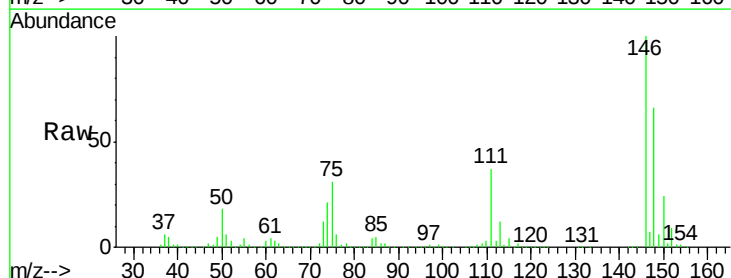
Tgt Ion:146 Resp: 281362

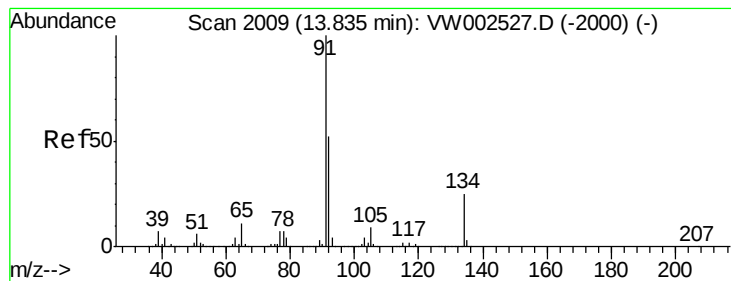
Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.5

148 64.7 32.4 97.0





#89

n-Butylbenzene

Concen: 51.21 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

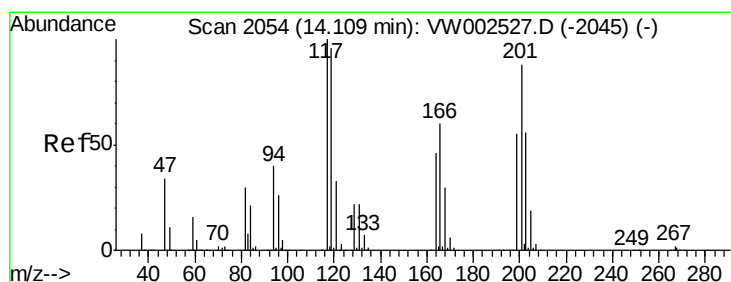
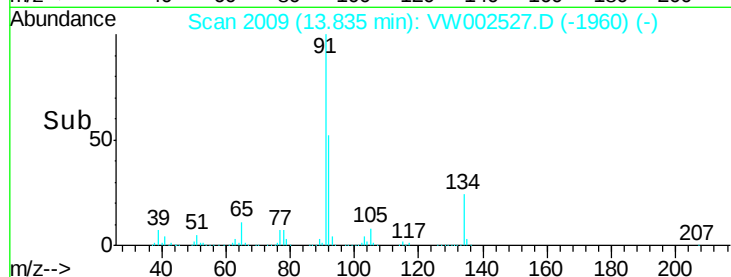
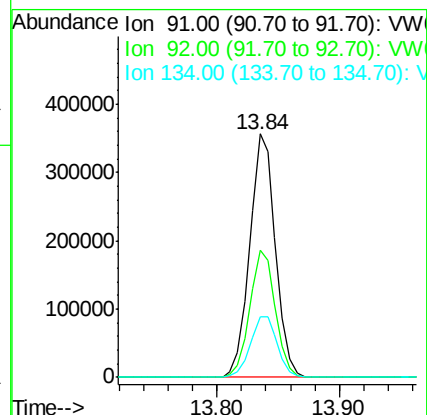
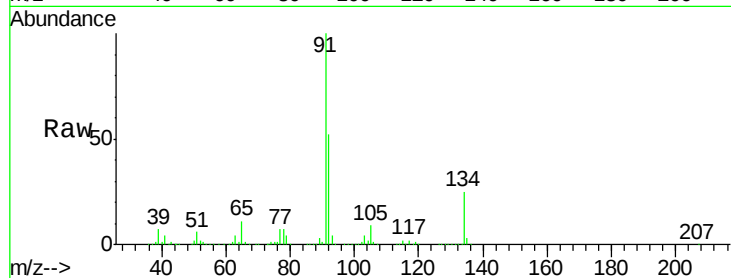
Tgt Ion: 91 Resp: 517487

Ion Ratio Lower Upper

91 100

92 52.1 26.1 78.2

134 26.1 13.1 39.1



#90

Hexachloroethane

Concen: 50.30 ug/l

RT: 14.11 min Scan# 2054

Delta R.T. 0.00 min

Lab File: VW002527.D

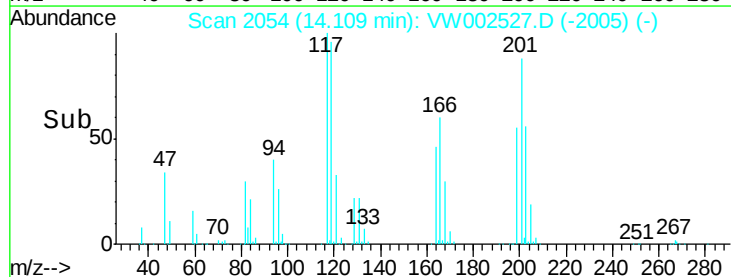
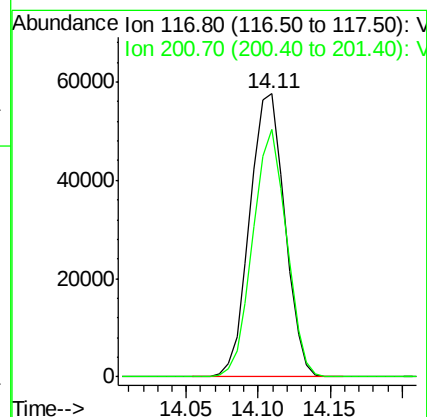
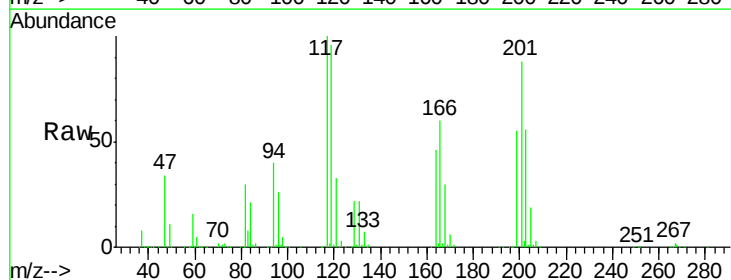
Acq: 14 May 2018 22:06

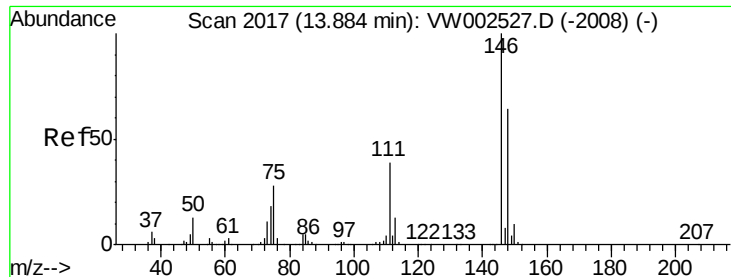
Tgt Ion: 117 Resp: 97101

Ion Ratio Lower Upper

117 100

201 84.0 42.0 126.0

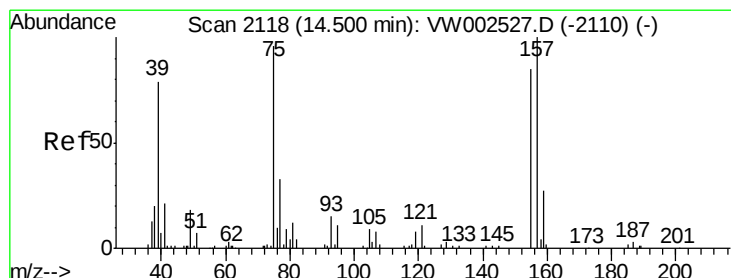
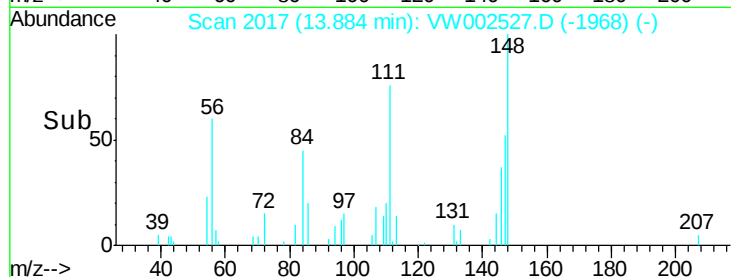
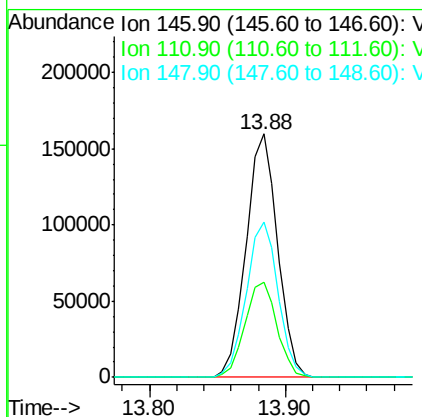
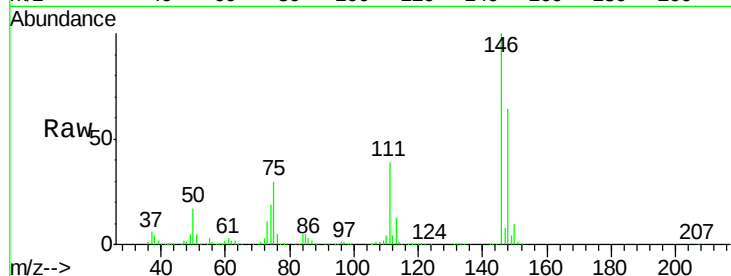




#91
 1,2-Dichlorobenzene
 Concen: 49.04 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

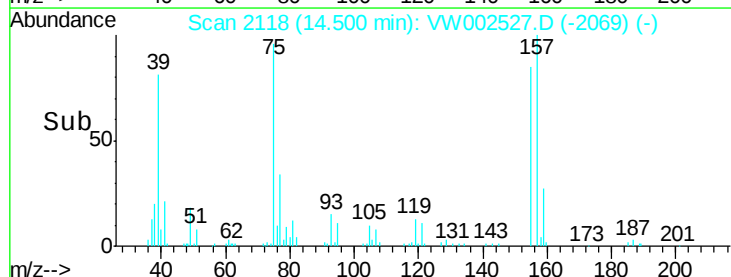
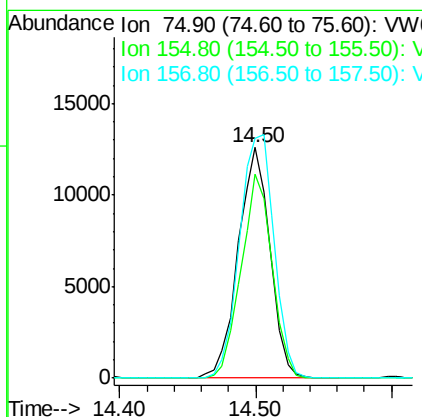
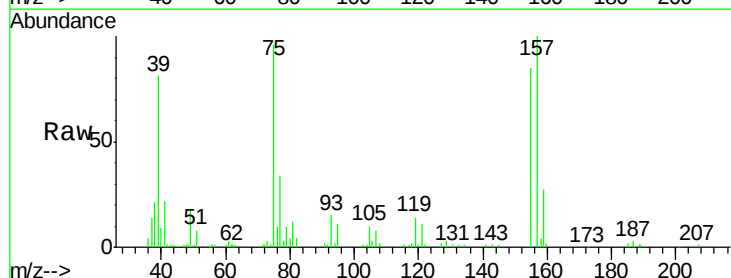
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

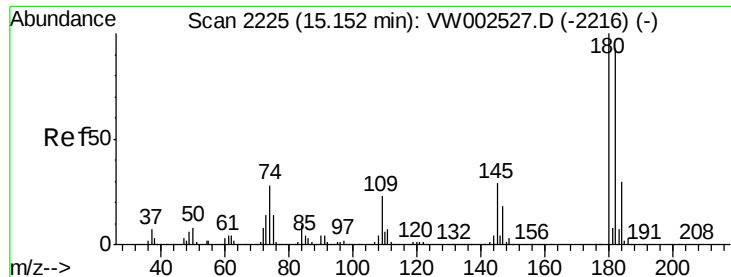
Tgt Ion:146 Resp: 259445
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.6
 148 64.2 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.32 ug/l
 RT: 14.50 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion: 75 Resp: 20585
 Ion Ratio Lower Upper
 75 100
 155 85.6 42.8 128.4
 157 114.7 57.4 172.0

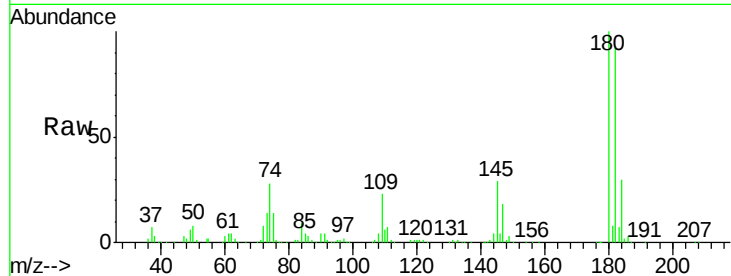




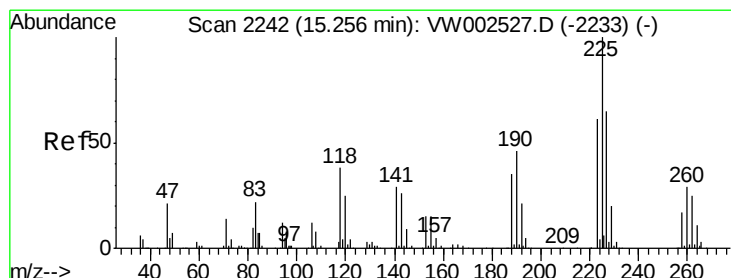
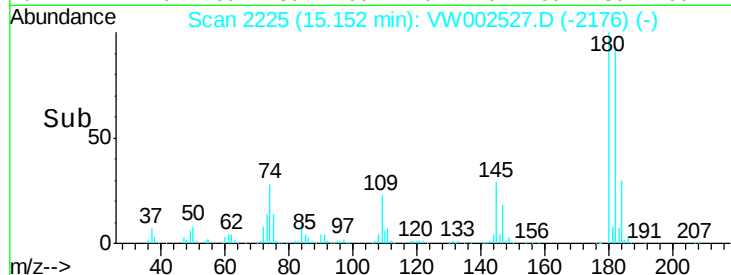
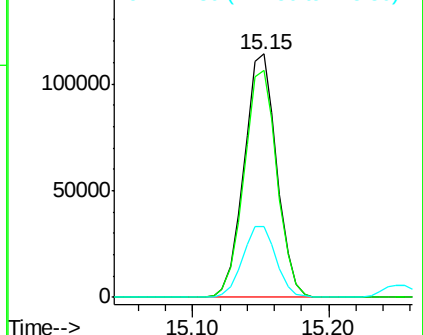
#93
 1,2,4-Trichlorobenzene
 Concen: 50.28 ug/l
 RT: 15.15 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 190699
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.2 141.6
 145 29.9 14.9 44.9

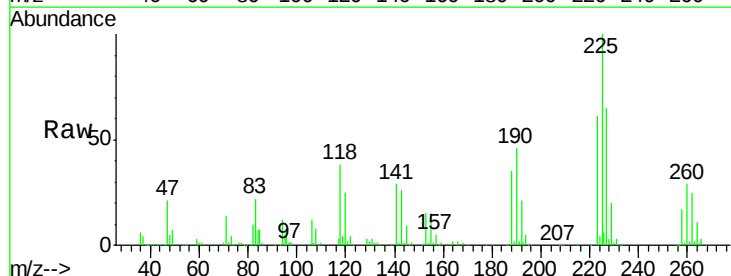


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

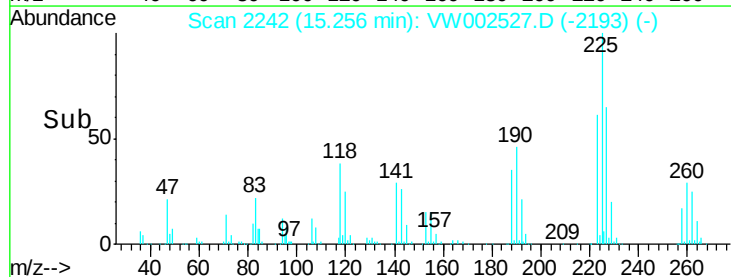
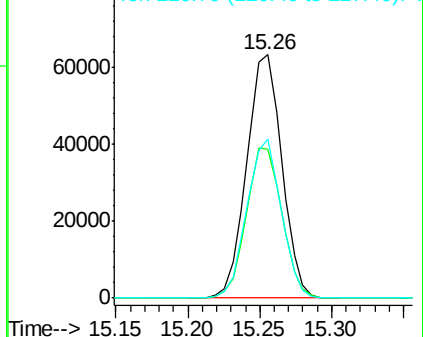


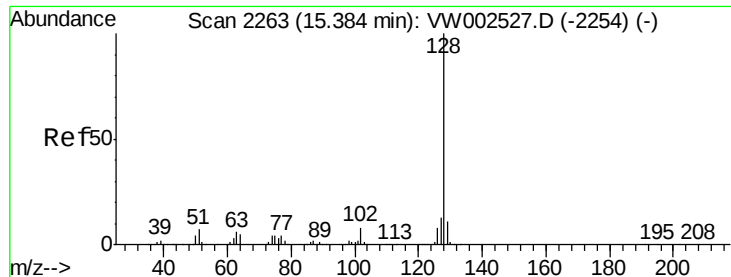
#94
 Hexachlorobutadiene
 Concen: 50.48 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: VW002527.D
 Acq: 14 May 2018 22:06

Tgt Ion:225 Resp: 106595
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.9
 227 63.7 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: 52.91 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

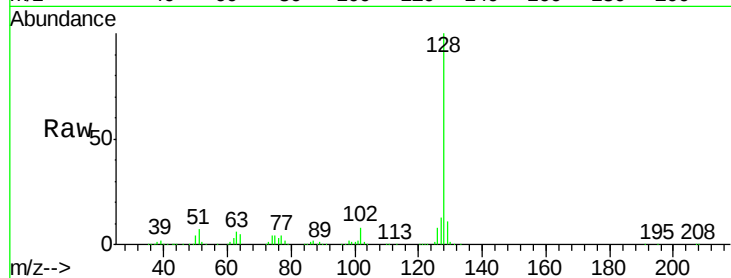
Tgt Ion:128 Resp: 370449

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

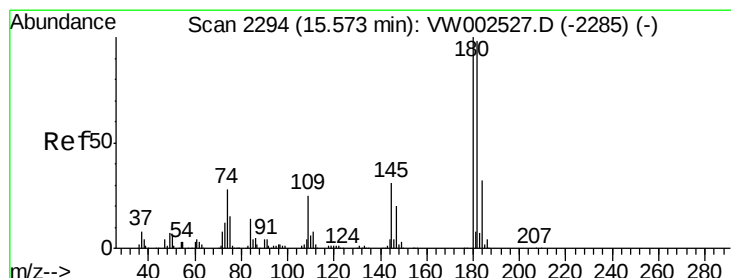
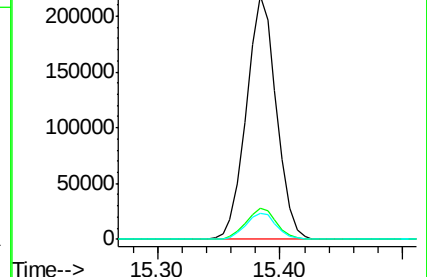
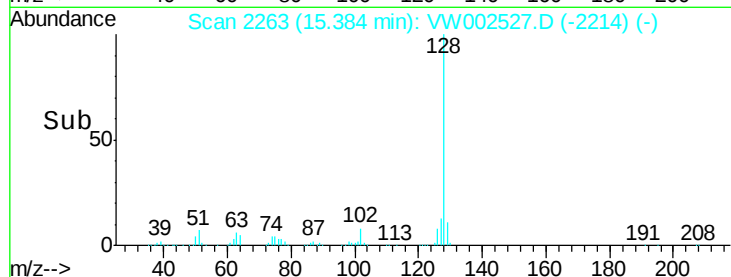
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.15 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VW002527.D

Acq: 14 May 2018 22:06

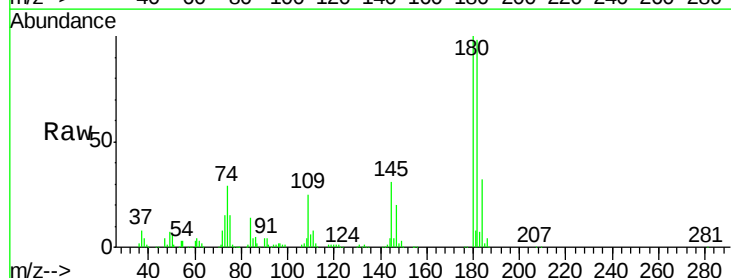
Tgt Ion:180 Resp: 170660

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 31.0 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

