

Data File : VW002279.D

Acq On : 08 May 2018 00:11

Operator : JC/SY

Sample : VSTDIC010

Misc : 5.00G/5ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Quant Time: May 08 03:18:19 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M

Quant Title : SW846 8260

QLast Update : Tue May 08 03:17:21 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	350618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	325720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175818	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	23621	12.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	24.20%	
35) Dibromofluoromethane	7.88	113	22092	10.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.08%	
50) Toluene-d8	10.33	98	81863	9.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.94%	
62) 4-Bromofluorobenzene	12.63	95	29330	9.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	6486	3.74	ug/l	89
3) Chloromethane	2.21	50	17642	10.81	ug/l	99
4) Vinyl Chloride	2.36	62	28653	15.64	ug/l	99
5) Bromomethane	2.77	94	23216	15.92	ug/l	100
6) Chloroethane	2.92	64	18418	16.64	ug/l	94
7) Trichlorofluoromethane	3.25	101	10967	3.59	ug/l	90
8) Diethyl Ether	3.67	74	14739	16.87	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.05	101	21485	10.52	ug/l	99
10) Methyl Iodide	4.26	142	34025	14.89	ug/l	99
11) Tert butyl alcohol	5.18	59	9832	80.95	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	20854	11.81	ug/l	100
13) Acrolein	3.89	56	7710	78.70	ug/l	91
14) Allyl chloride	4.66	41	29861	13.57	ug/l	98
15) Acrylonitrile	5.37	53	25813	78.13	ug/l	98
16) Acetone	4.12	43	23940	61.61	ug/l	98
17) Carbon Disulfide	4.37	76	59188	10.68	ug/l	95
18) Methyl Acetate	4.67	43	13566	15.88	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	35591	9.93	ug/l	98
20) Methylene Chloride	4.91	84	24397	11.12	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	22493	11.41	ug/l	92
22) Diisopropyl ether	6.31	45	65027	14.80	ug/l	98
23) Vinyl Acetate	6.26	43	189873	81.19	ug/l	100
24) 1,1-Dichloroethane	6.21	63	40270	12.57	ug/l	97
25) 2-Butanone	7.18	43	34472	79.71	ug/l	99
26) 2,2-Dichloropropane	7.16	77	20295	6.78	ug/l	97
27) cis-1,2-Dichloroethene	7.16	96	24742	11.86	ug/l	97
28) Bromochloromethane	7.51	49	18495	16.43	ug/l #	99
29) Tetrahydrofuran	7.53	42	22804	90.70	ug/l	97
30) Chloroform	7.67	83	42764	11.54	ug/l	94
31) Cyclohexane	7.95	56	37922	13.06	ug/l #	85
32) 1,1,1-Trichloroethane	7.87	97	31332	8.81	ug/l	97
36) 1,1-Dichloropropene	8.08	75	31695	9.76	ug/l	97
37) Ethyl Acetate	7.26	43	14872	14.43	ug/l #	97
38) Carbon Tetrachloride	8.07	117	29922	7.62	ug/l	97

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Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Quant Time: May 08 03:18:19 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M

Quant Title : SW846 8260

QLast Update : Tue May 08 03:17:21 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	36417	9.86	ug/l	93
40) Benzene	8.32	78	93462	10.43	ug/l	98
41) Methacrylonitrile	7.49	41	8327	14.58	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	29388	10.64	ug/l	97
43) Isopropyl Acetate	8.43	43	28196	13.79	ug/l	97
44) Trichloroethene	9.09	130	25670	9.07	ug/l	94
45) 1,2-Dichloropropane	9.37	63	23572	11.55	ug/l	95
46) Dibromomethane	9.46	93	13058	11.23	ug/l	99
47) Bromodichloromethane	9.65	83	29555	9.49	ug/l	97
48) Methyl methacrylate	9.44	41	13374	13.51	ug/l	99
49) 1,4-Dioxane	9.45	88	4139	231.91	ug/l	94
51) 4-Methyl-2-Pentanone	10.22	43	78664	76.50	ug/l	99
52) Toluene	10.39	92	58196	9.85	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	28561	10.16	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	33312	10.33	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	18496	10.84	ug/l	96
56) Ethyl methacrylate	10.65	69	21063	11.93	ug/l	97
57) 1,3-Dichloropropane	10.94	76	31851	11.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	51804	67.40	ug/l	99
59) 2-Hexanone	10.98	43	54327	73.69	ug/l	95
60) Dibromochloromethane	11.13	129	20500	8.93	ug/l	100
61) 1,2-Dibromoethane	11.24	107	18438	11.65	ug/l	94
64) Tetrachloroethene	10.87	164	25503	9.19	ug/l	96
65) Chlorobenzene	11.66	112	67006	9.68	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	23673	9.03	ug/l	98
67) Ethyl Benzene	11.74	91	112070	9.92	ug/l	98
68) m/p-Xylenes	11.85	106	86160	18.95	ug/l	100
69) o-Xylene	12.18	106	41014	10.02	ug/l	97
70) Styrene	12.19	104	67299	9.88	ug/l	99
71) Bromoform	12.36	173	13102	9.08	ug/l #	97
73) Isopropylbenzene	12.48	105	110355	10.15	ug/l	100
74) N-amyl acetate	12.28	43	25836	14.66	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	22530	13.60	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	27156	22.82	ug/l #	1
77) Bromobenzene	12.76	156	28196	9.91	ug/l	97
78) n-propylbenzene	12.82	91	131225	10.32	ug/l	100
79) 2-Chlorotoluene	12.90	91	76628	10.26	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	93320	9.83	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	5346	12.07	ug/l	91
82) 4-Chlorotoluene	13.00	91	81768	9.71	ug/l	99
83) tert-Butylbenzene	13.22	119	79056	9.49	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	95696	9.81	ug/l	99
85) sec-Butylbenzene	13.40	105	114391	9.90	ug/l	100
86) p-Isopropyltoluene	13.51	119	99503	9.36	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	56554	9.70	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	57751	9.93	ug/l	97
89) n-Butylbenzene	13.83	91	93415	9.82	ug/l	98
90) Hexachloroethane	14.10	117	18431	8.94	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	52853	10.38	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	3773	12.16	ug/l	93

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW050818\
Quantitation Report (Not Reviewed)

Data File : VW002279.D
Acq On : 08 May 2018 00:11
Operator : JC/SY
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

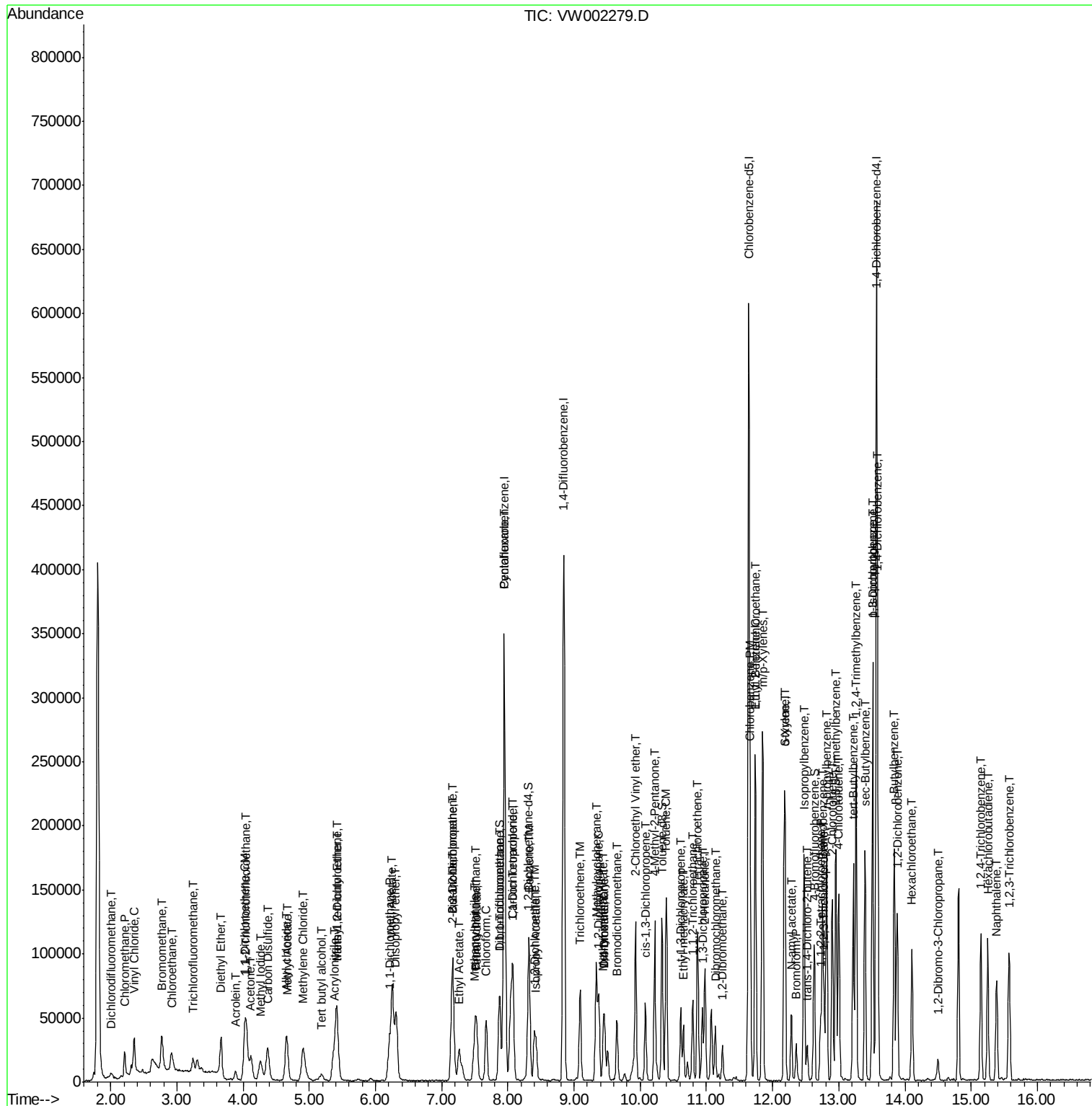
Quant Time: May 08 03:18:19 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W050818S.M
Quant Title : SW846 8260
QLast Update : Tue May 08 03:17:21 2018
Response via : Initial Calibration

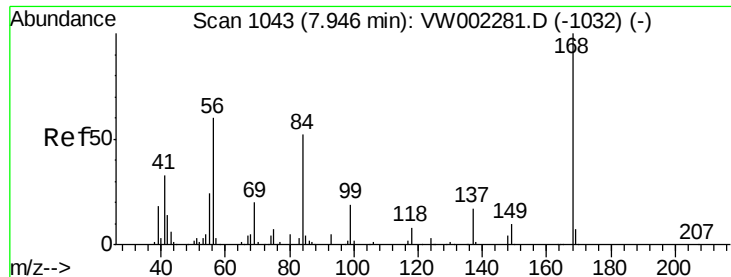
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	37589	10.10	ug/l	99
94) Hexachlorobutadiene	15.26	225	21681	8.36	ug/l	98
95) Naphthalene	15.38	128	66832	12.04	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	34923	10.98	ug/l	98

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

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ALS Vial      : 1      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: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

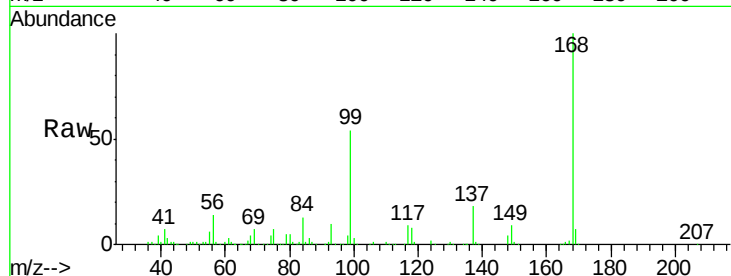
VSTDIC010

Tgt Ion:168 Resp: 225184

Ion Ratio Lower Upper

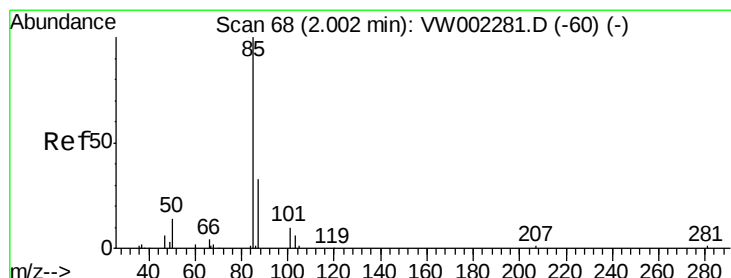
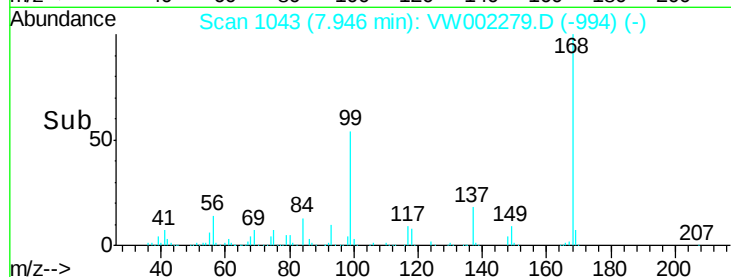
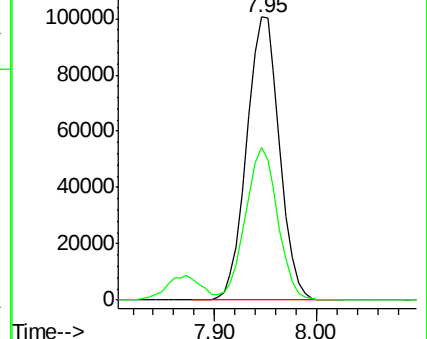
168 100

99 53.8 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 3.74 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW002279.D

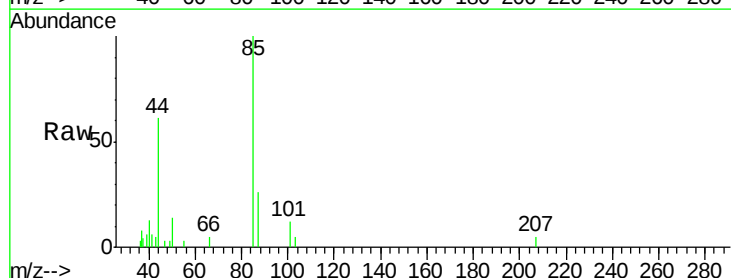
Acq: 08 May 2018 00:11

Tgt Ion: 85 Resp: 6486

Ion Ratio Lower Upper

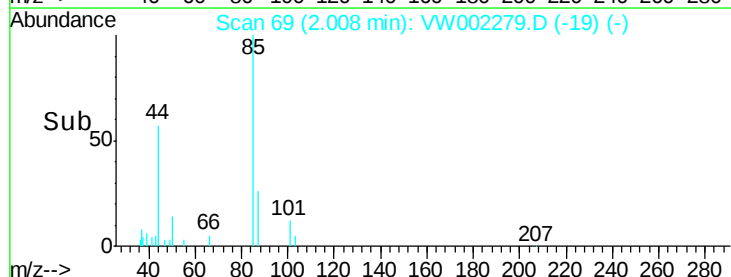
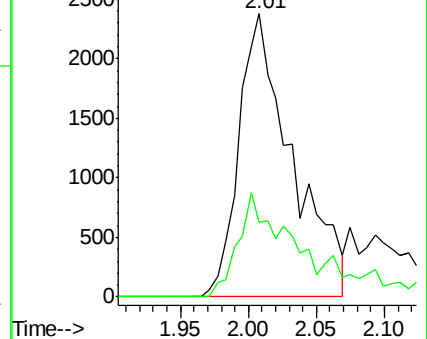
85 100

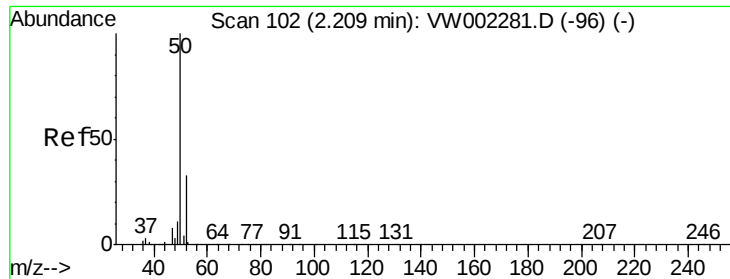
87 26.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 10.81 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

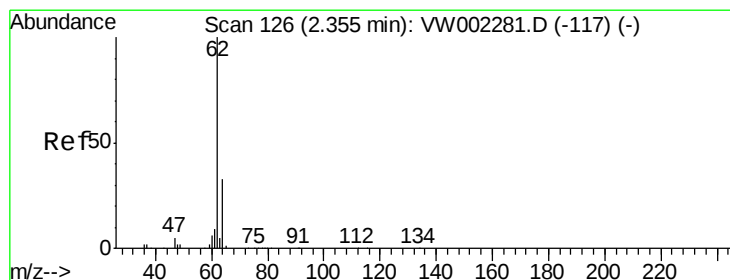
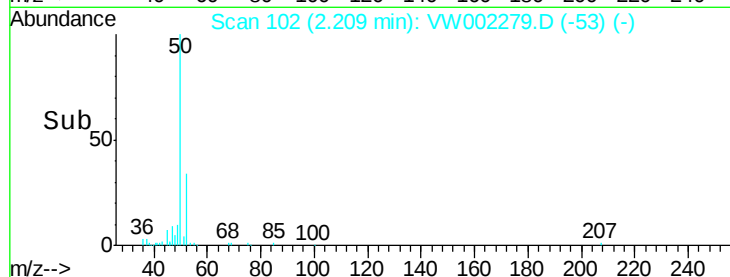
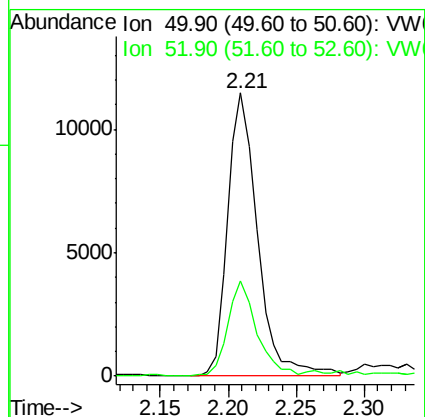
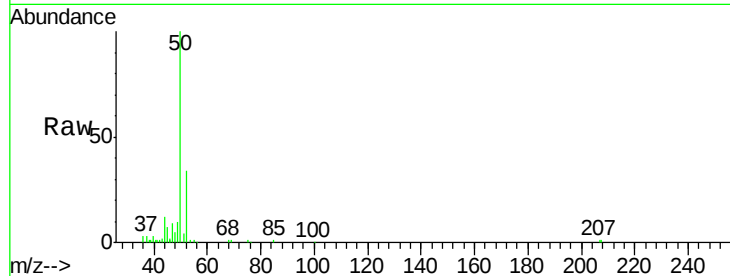
VSTDIC010

Tgt Ion: 50 Resp: 17642

Ion Ratio Lower Upper

50 100

52 33.8 26.5 39.7



#4

Vinyl Chloride

Concen: 15.64 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.00 min

Lab File: VW002279.D

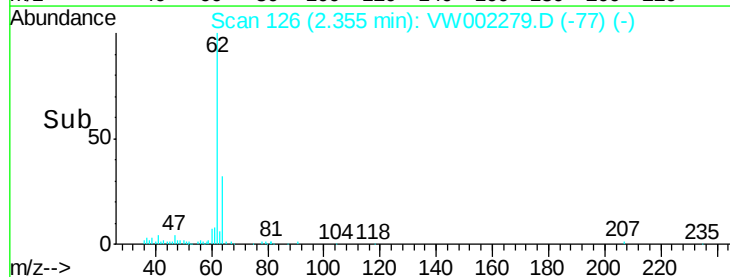
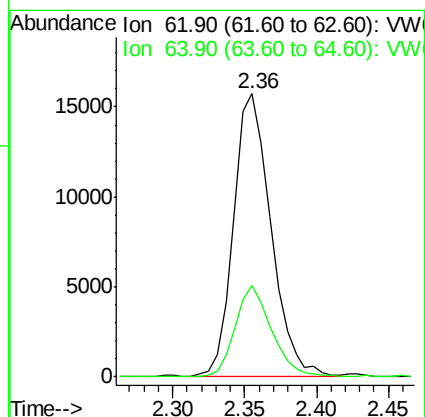
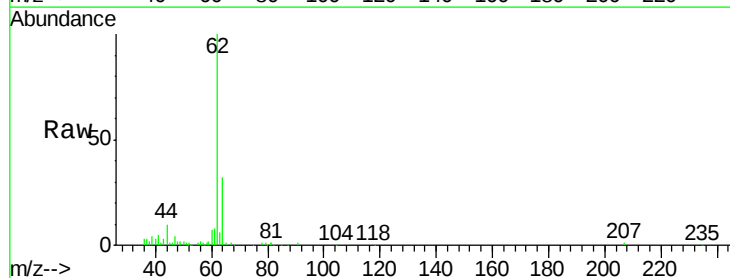
Acq: 08 May 2018 00:11

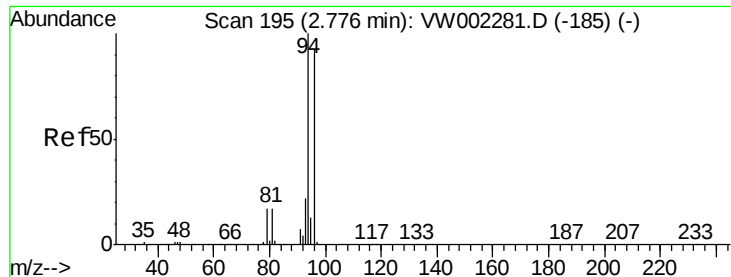
Tgt Ion: 62 Resp: 28653

Ion Ratio Lower Upper

62 100

64 32.2 26.1 39.1





#5

Bromomethane

Concen: 15.92 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

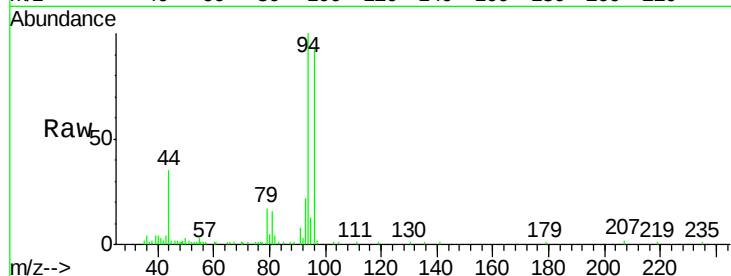
VSTDIC010

Tgt Ion: 94 Resp: 23216

Ion Ratio Lower Upper

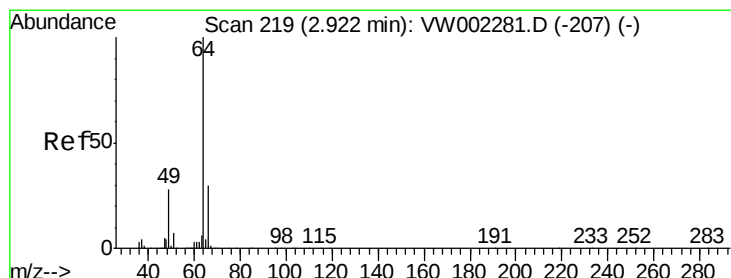
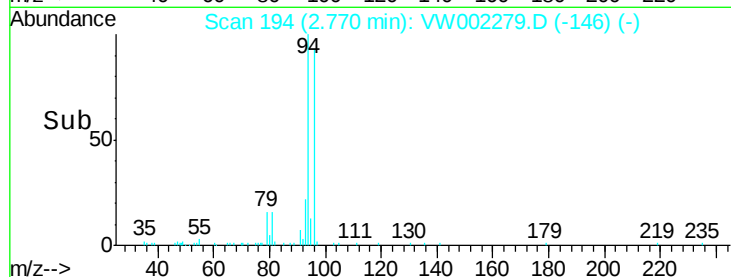
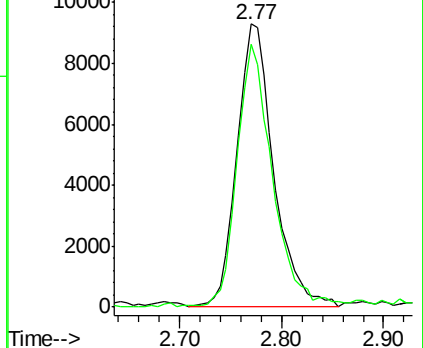
94 100

96 92.4 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 16.64 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW002279.D

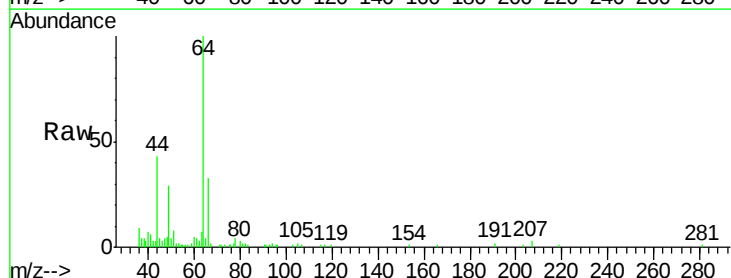
Acq: 08 May 2018 00:11

Tgt Ion: 64 Resp: 18418

Ion Ratio Lower Upper

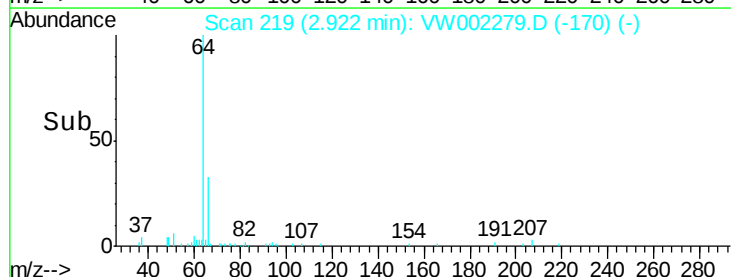
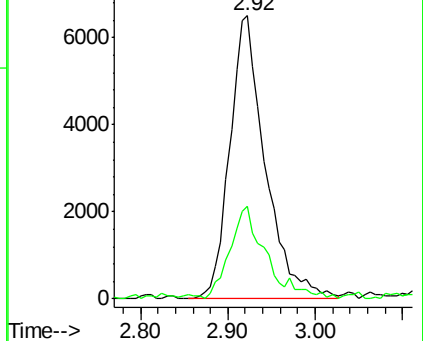
64 100

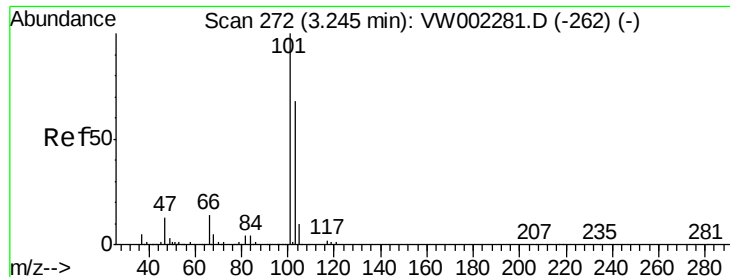
66 32.8 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

Trichlorofluoromethane

Concen: 3.59 ug/l

RT: 3.25 min Scan# 272

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

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ClientSampleId :

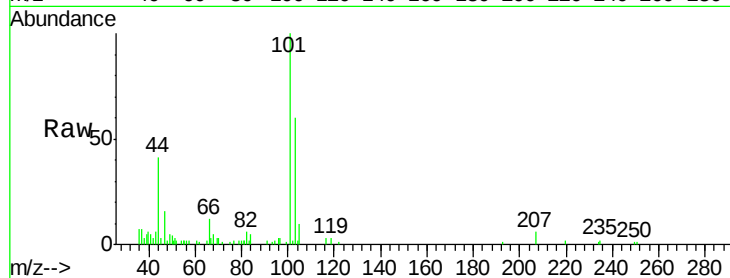
VSTDIC010

Tgt Ion: 101 Resp: 10967

Ion Ratio Lower Upper

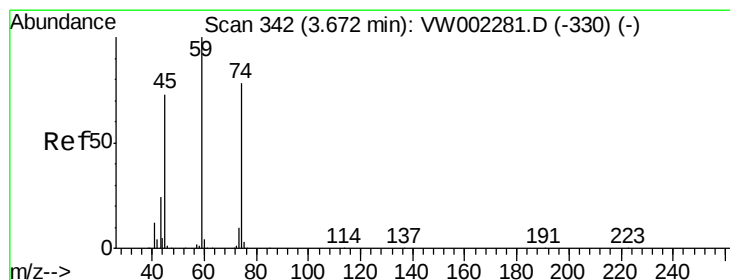
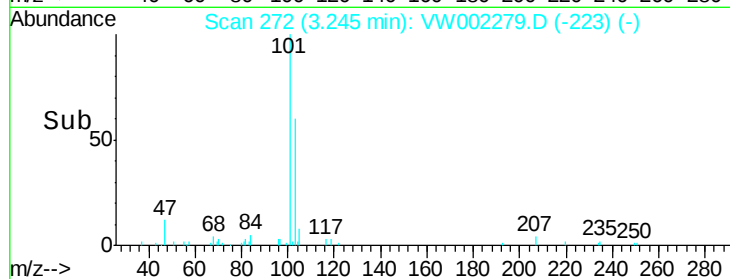
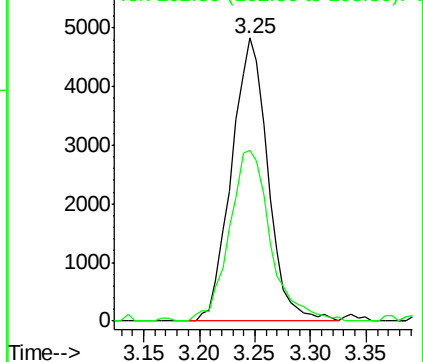
101 100

103 60.2 54.6 82.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 16.87 ug/l

RT: 3.67 min Scan# 342

Delta R.T. -0.00 min

Lab File: VW002279.D

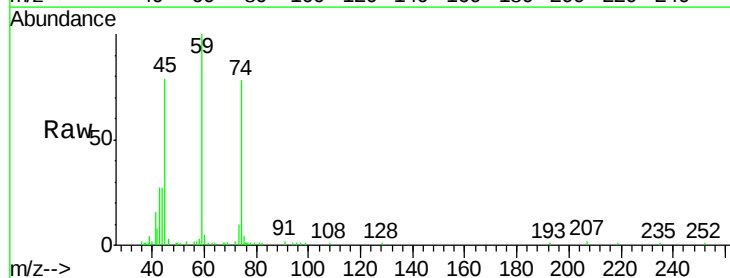
Acq: 08 May 2018 00:11

Tgt Ion: 74 Resp: 14739

Ion Ratio Lower Upper

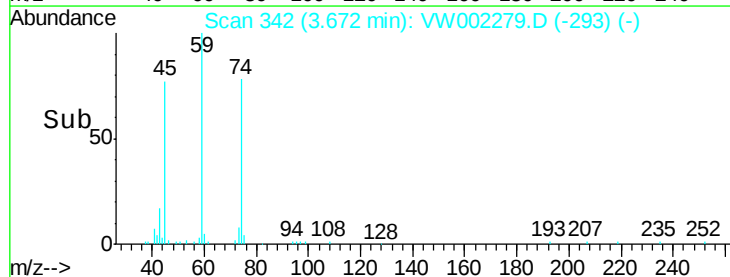
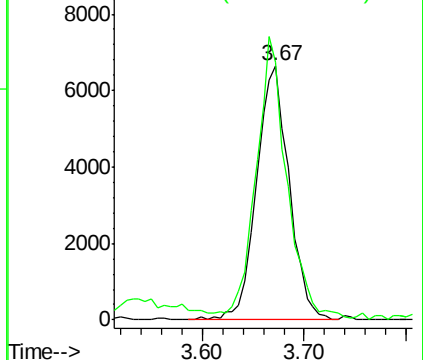
74 100

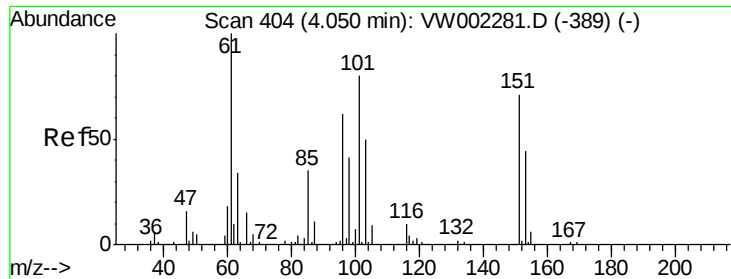
45 104.1 49.5 148.5



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.52 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

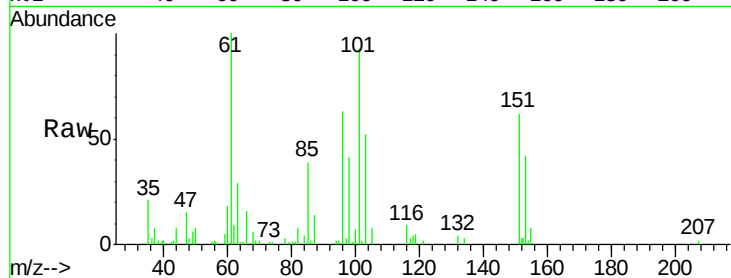
Tgt Ion:101 Resp: 21485

Ion Ratio Lower Upper

101 100

85 43.6 35.9 53.9

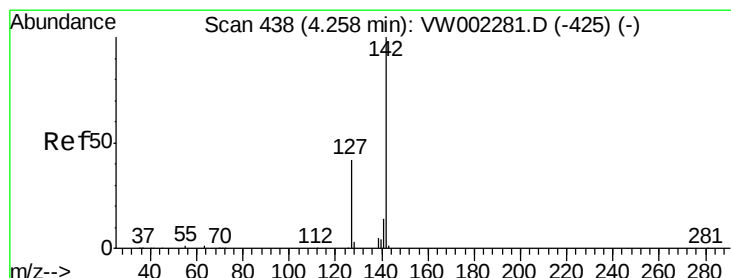
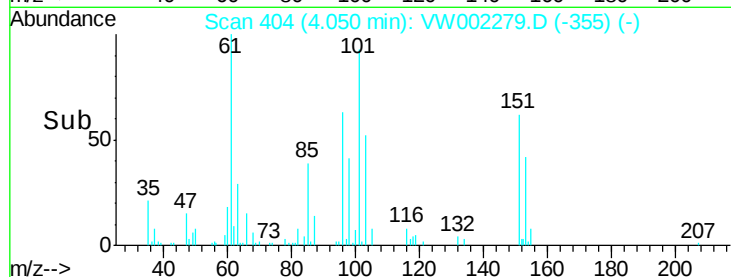
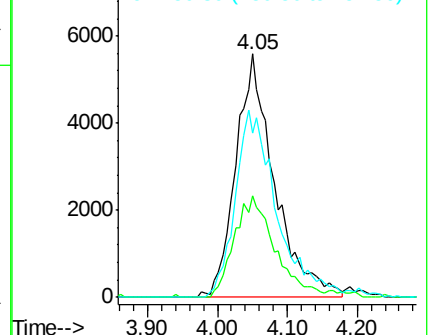
151 81.6 65.4 98.2



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: 14.89 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

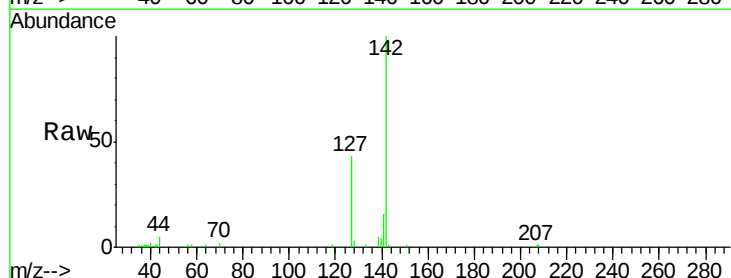
Tgt Ion:142 Resp: 34025

Ion Ratio Lower Upper

142 100

127 44.1 34.7 52.1

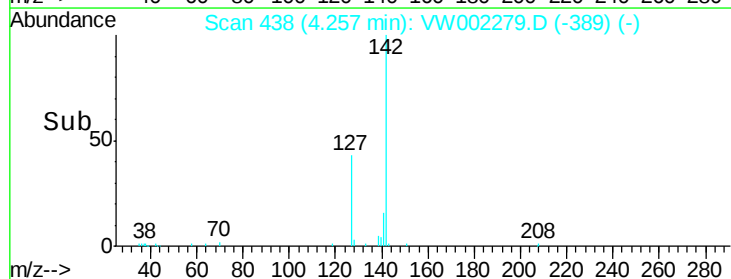
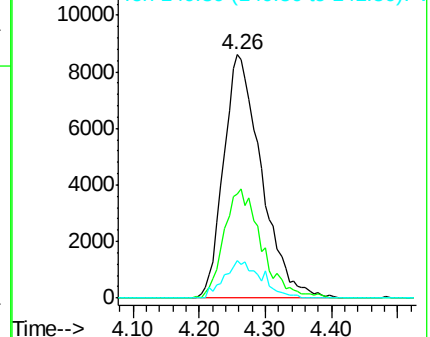
141 15.3 11.9 17.9

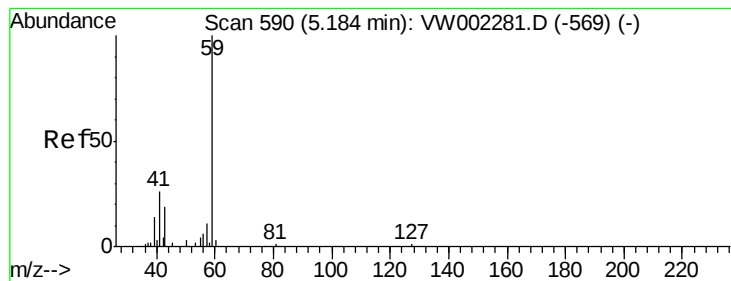


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 80.95 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampled :

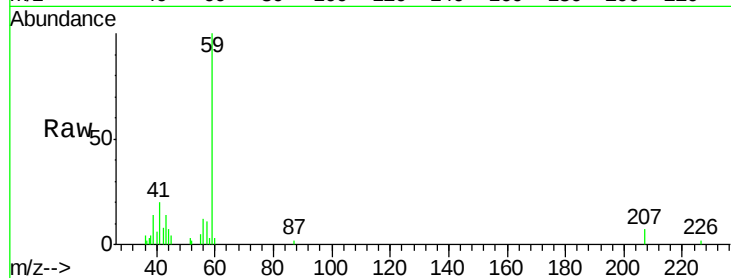
VSTDIC010

Tgt Ion: 59 Resp: 9832

Ion Ratio Lower Upper

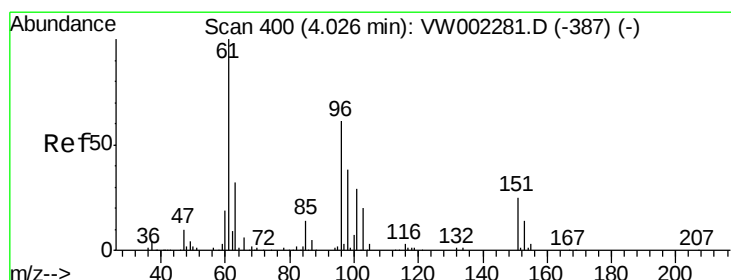
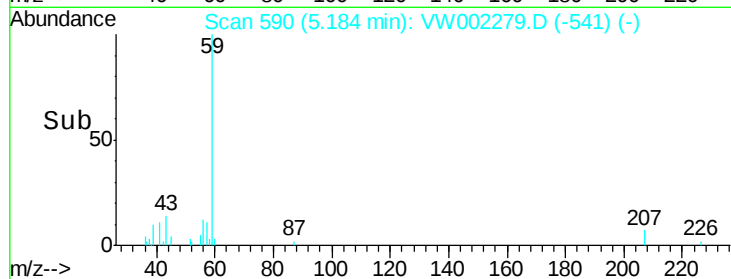
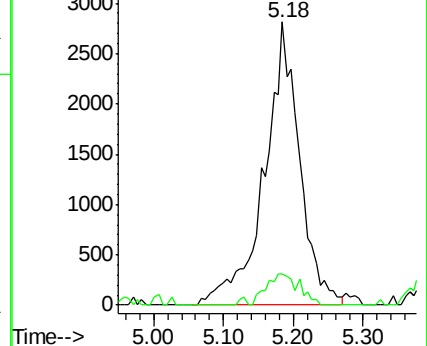
59 100

57 10.5 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 11.81 ug/l

RT: 4.03 min Scan# 400

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

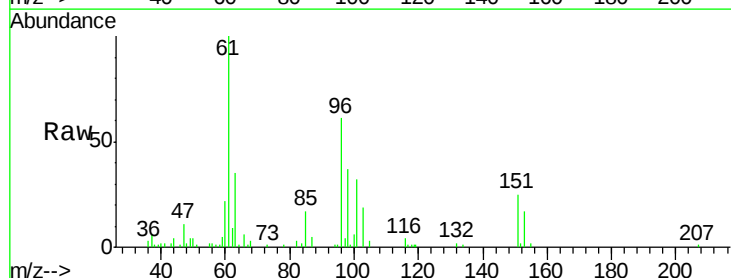
Tgt Ion: 96 Resp: 20854

Ion Ratio Lower Upper

96 100

61 164.0 130.6 196.0

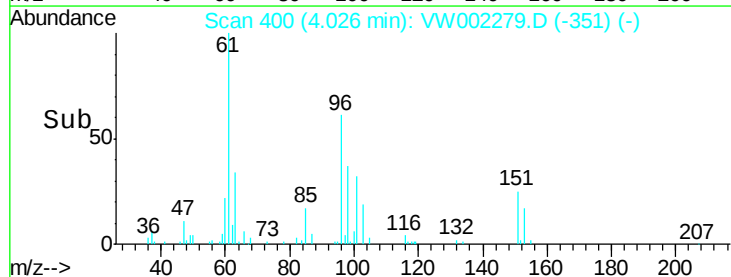
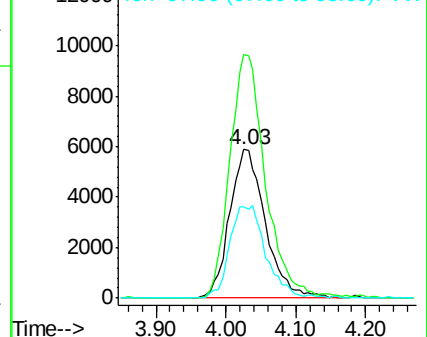
98 61.2 49.0 73.4

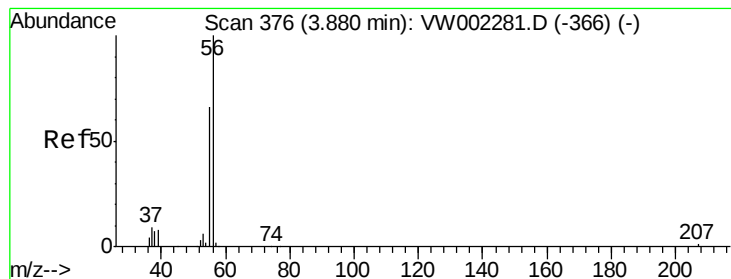


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 78.70 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.01 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

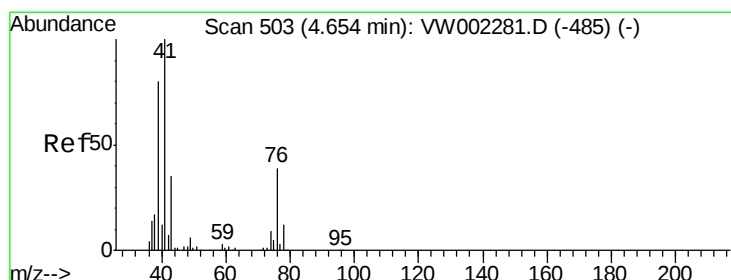
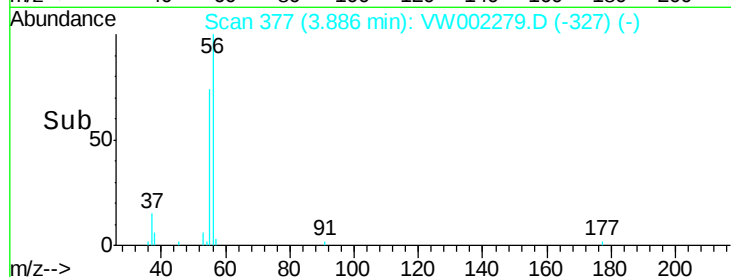
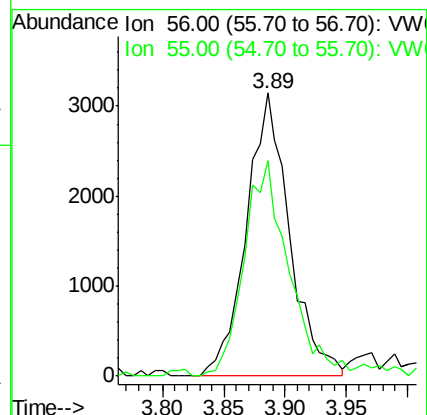
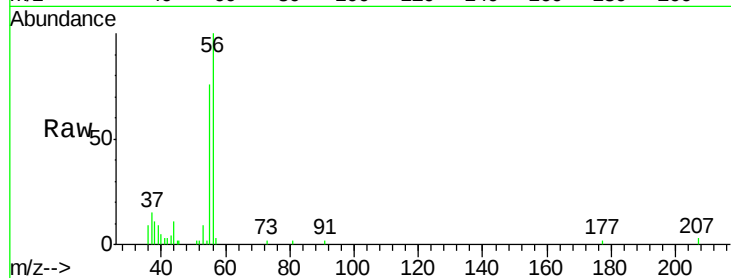
VSTDIC010

Tgt Ion: 56 Resp: 7710

Ion Ratio Lower Upper

56 100

55 78.9 57.3 85.9



#14

Allyl chloride

Concen: 13.57 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

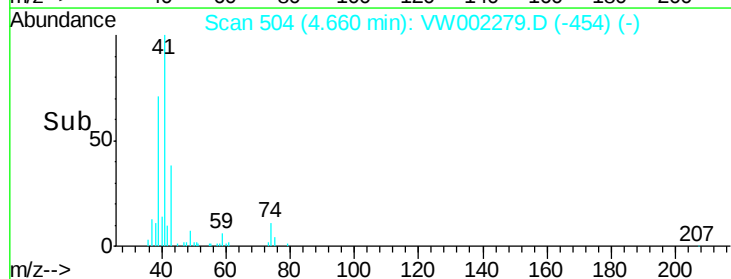
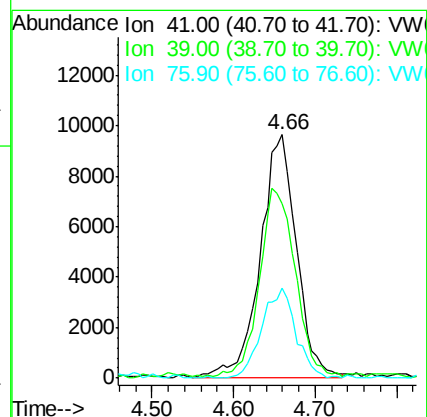
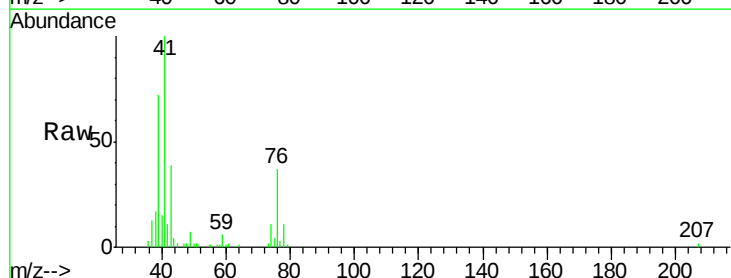
Tgt Ion: 41 Resp: 29861

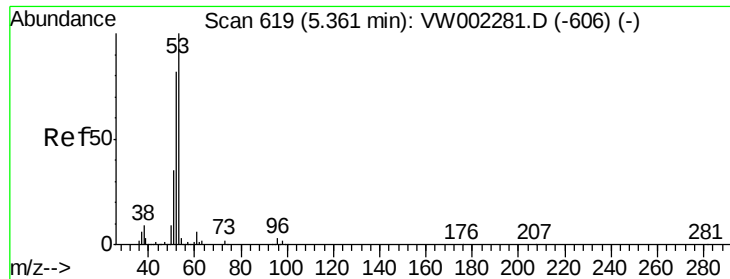
Ion Ratio Lower Upper

41 100

39 76.3 61.7 92.5

76 34.8 29.8 44.6





#15

Acrylonitrile

Concen: 78.13 ug/l

RT: 5.37 min Scan# 620

Delta R.T. 0.01 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

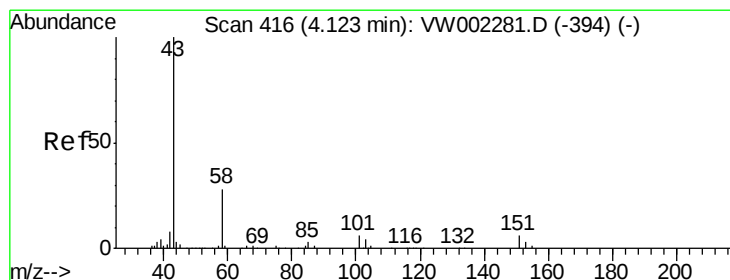
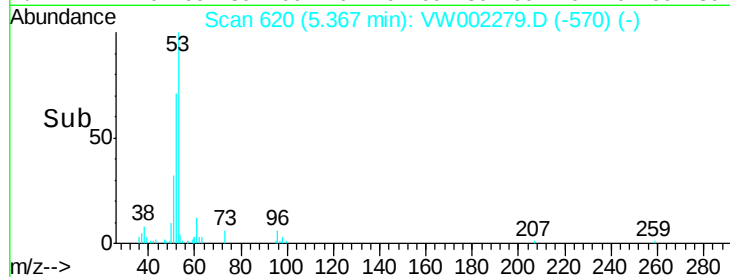
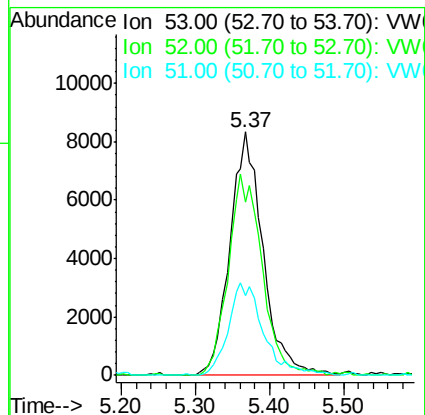
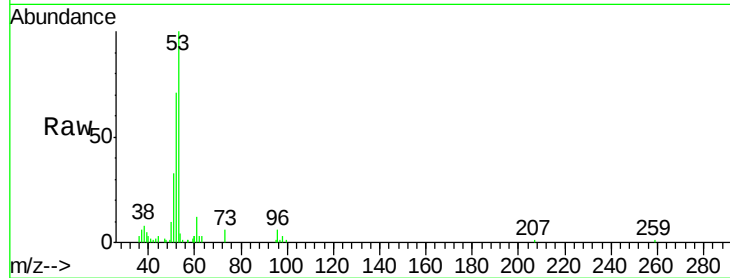
Tgt Ion: 53 Resp: 25813

Ion Ratio Lower Upper

53 100

52 84.8 67.9 101.9

51 40.5 30.0 45.0



#16

Acetone

Concen: 61.61 ug/l

RT: 4.12 min Scan# 415

Delta R.T. -0.01 min

Lab File: VW002279.D

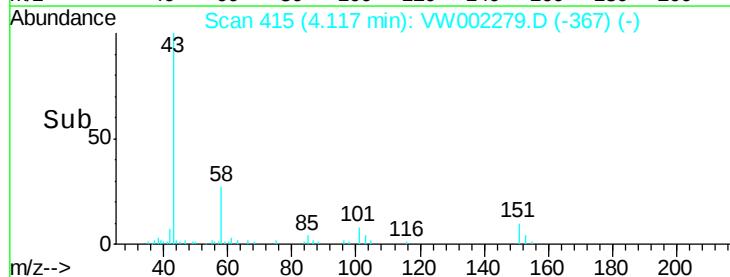
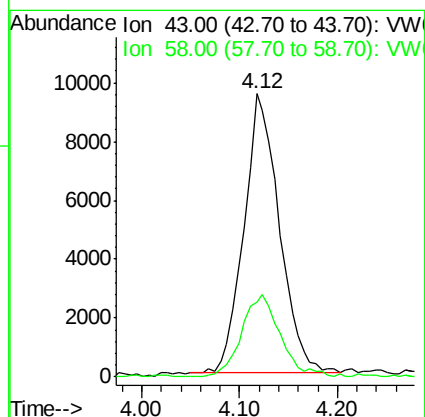
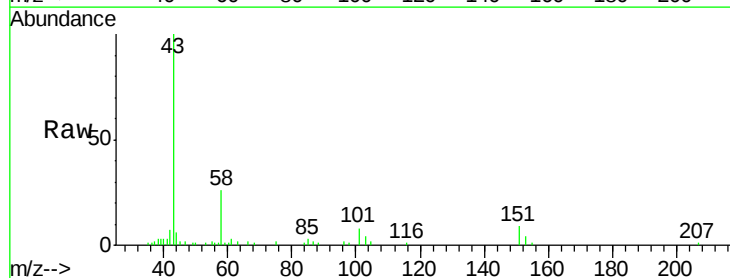
Acq: 08 May 2018 00:11

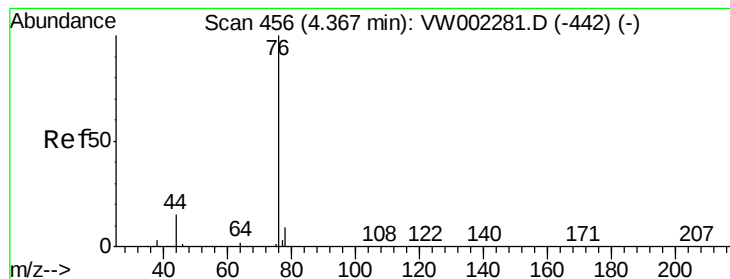
Tgt Ion: 43 Resp: 23940

Ion Ratio Lower Upper

43 100

58 26.7 22.2 33.4





#17

Carbon Disulfide

Concen: 10.68 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.01 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

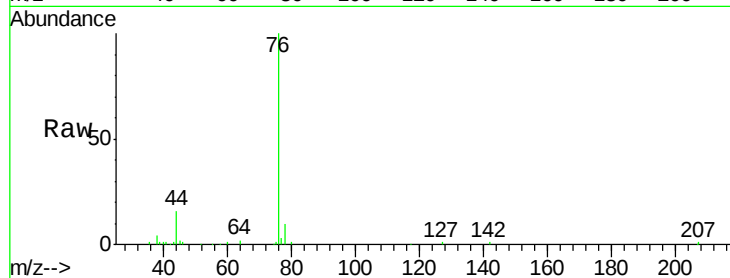
VSTDIC010

Tgt Ion: 76 Resp: 59188

Ion Ratio Lower Upper

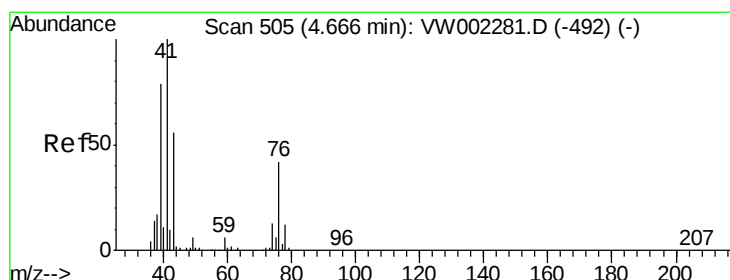
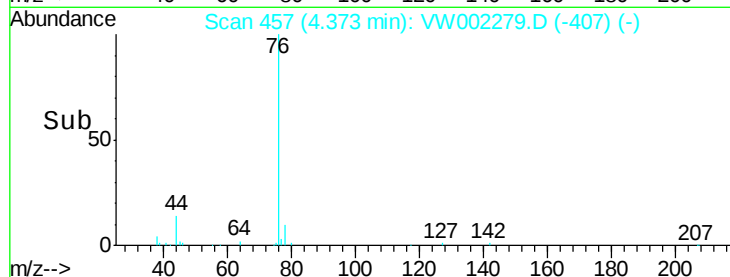
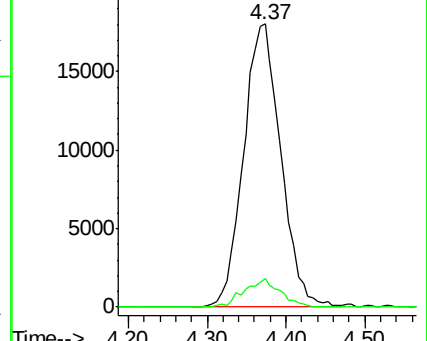
76 100

78 10.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 15.88 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.01 min

Lab File: VW002279.D

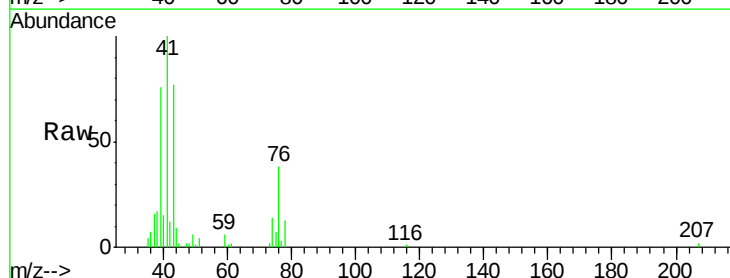
Acq: 08 May 2018 00:11

Tgt Ion: 43 Resp: 13566

Ion Ratio Lower Upper

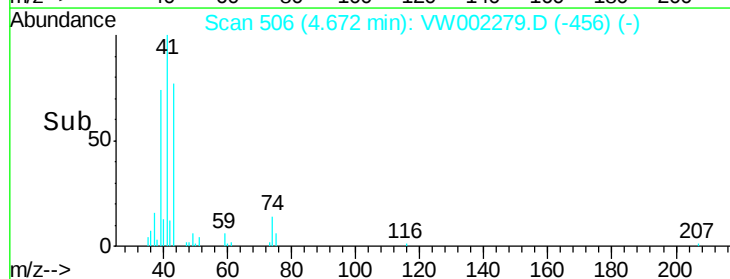
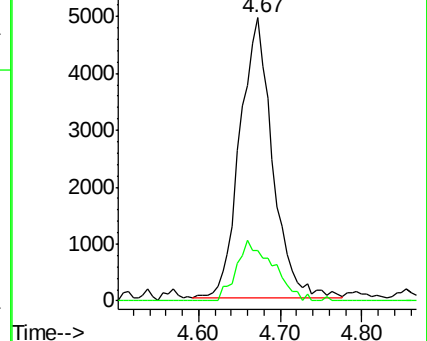
43 100

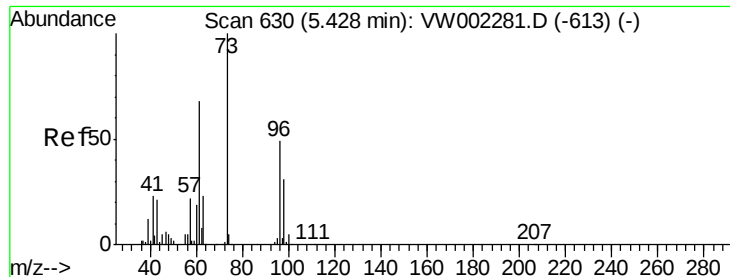
74 24.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

Methyl tert-butyl Ether

Concen: 9.93 ug/l

RT: 5.42 min Scan# 629

Delta R.T. -0.01 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

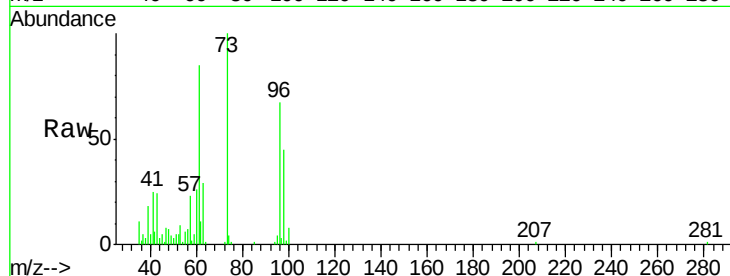
VSTDIC010

Tgt Ion: 73 Resp: 35591

Ion Ratio Lower Upper

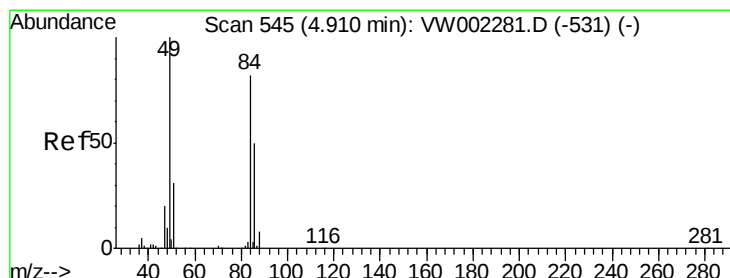
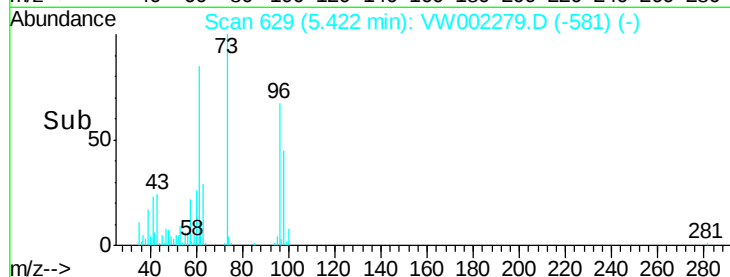
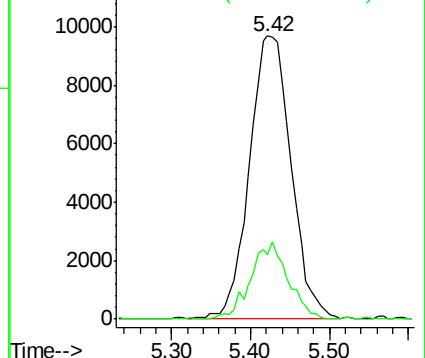
73 100

57 22.9 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 11.12 ug/l

RT: 4.91 min Scan# 545

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Tgt Ion: 84 Resp: 24397

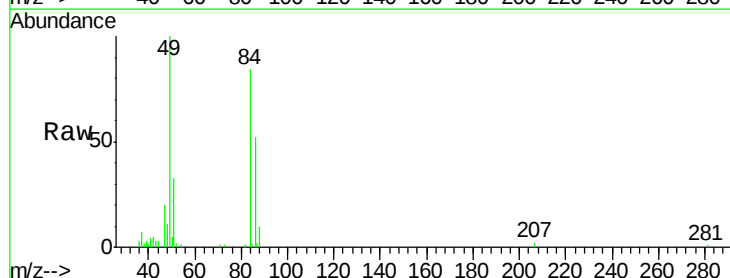
Ion Ratio Lower Upper

84 100

49 118.5 97.7 146.5

51 38.8 30.2 45.4

86 62.0 48.9 73.3

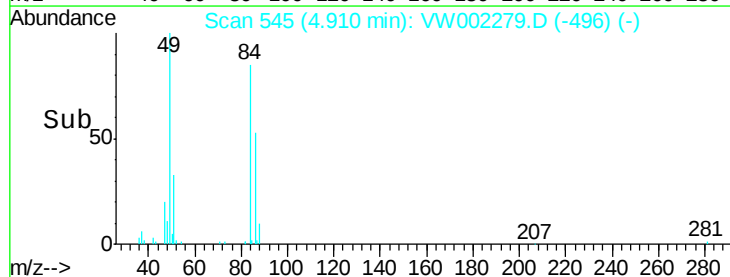
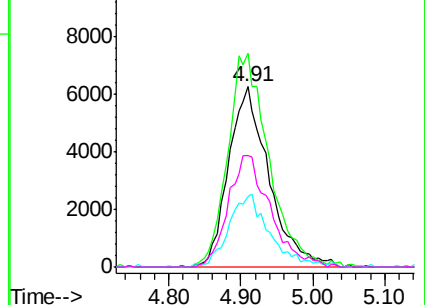


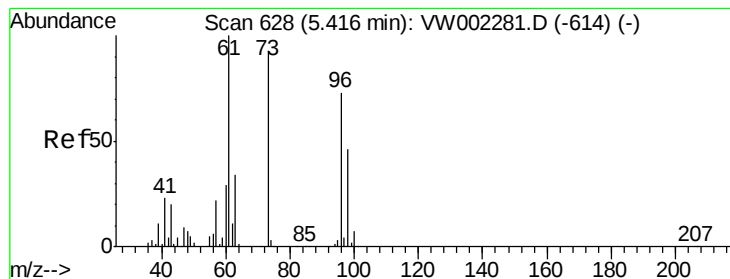
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 11.41 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

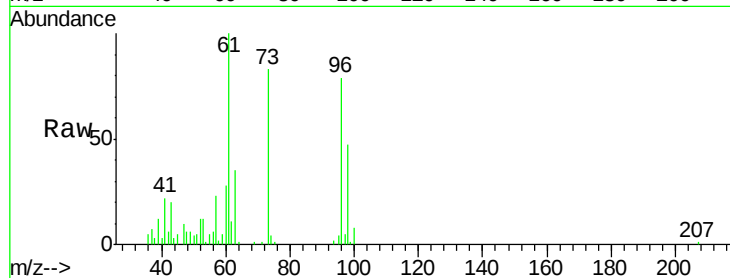
Tgt Ion: 96 Resp: 22493

Ion Ratio Lower Upper

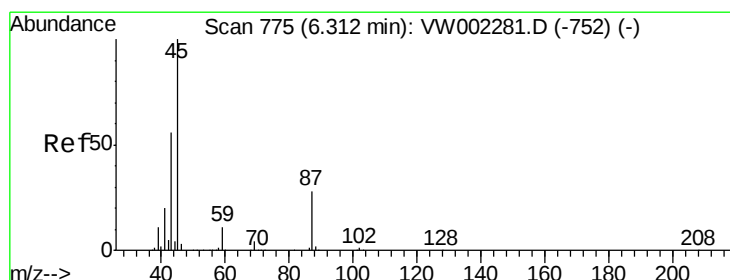
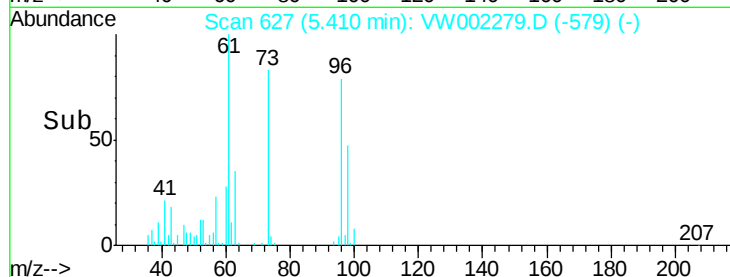
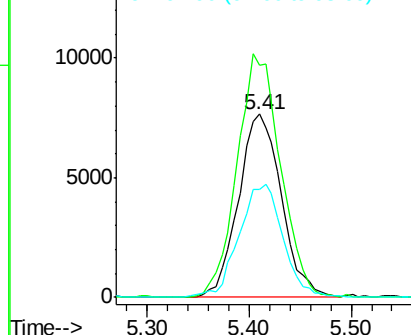
96 100

61 126.9 109.5 164.3

98 58.3 50.2 75.4



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



#22

Diisopropyl ether

Concen: 14.80 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Tgt Ion: 45 Resp: 65027

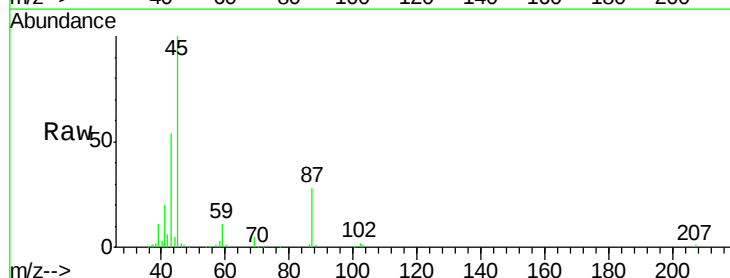
Ion Ratio Lower Upper

45 100

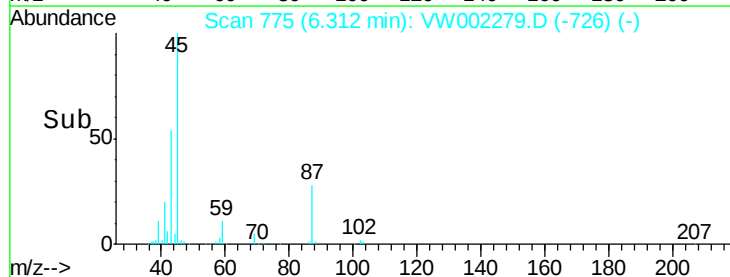
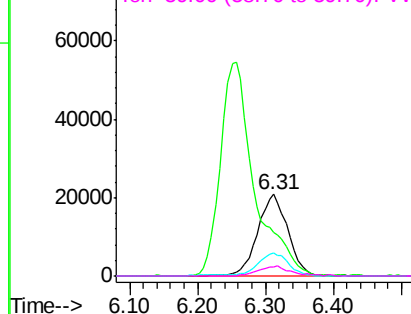
43 53.5 44.5 66.7

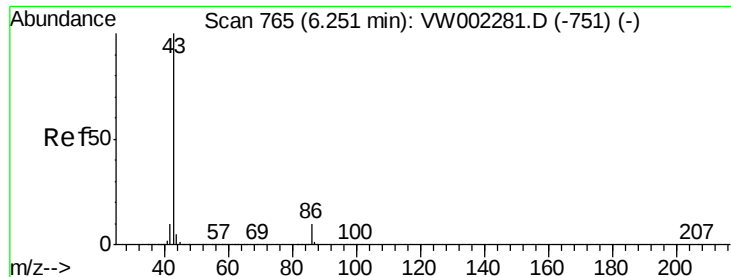
87 28.0 22.2 33.4

59 10.4 8.9 13.3



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





#23

Vinyl Acetate

Concen: 81.19 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.01 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

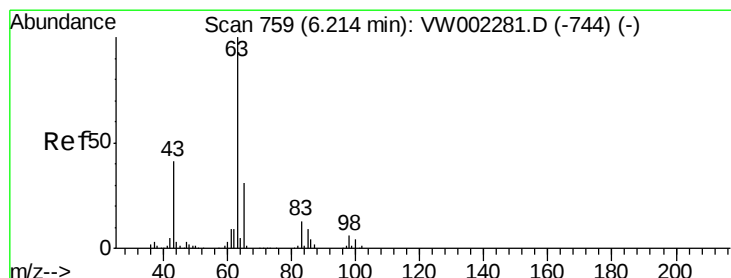
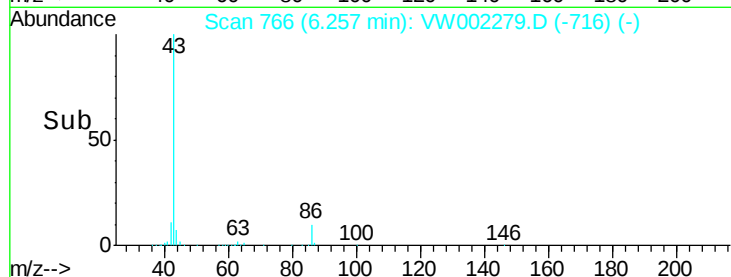
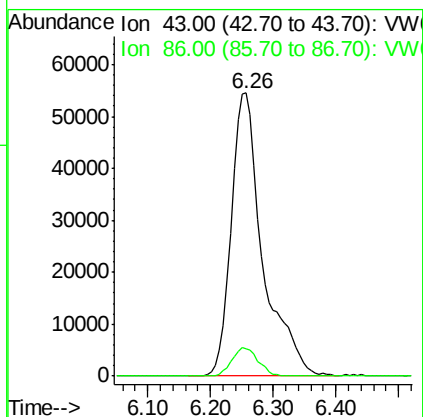
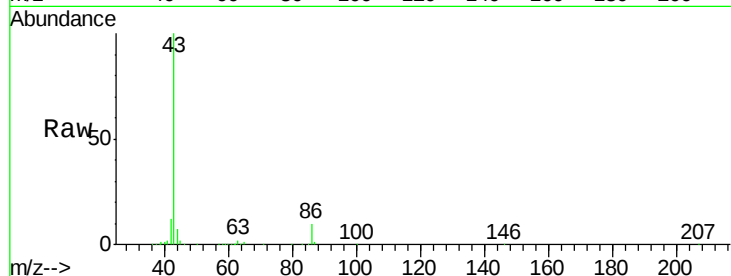
VSTDIC010

Tgt Ion: 43 Resp: 189873

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



#24

1,1-Dichloroethane

Concen: 12.57 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

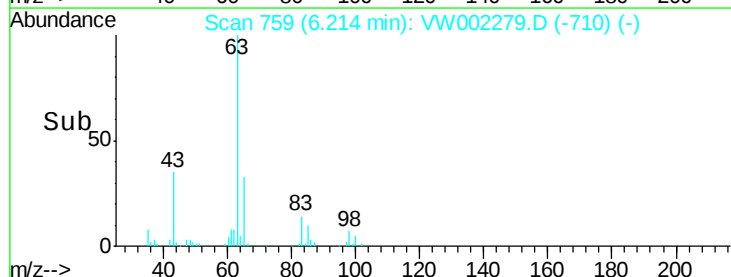
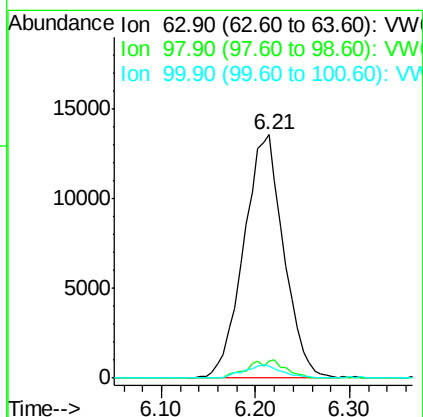
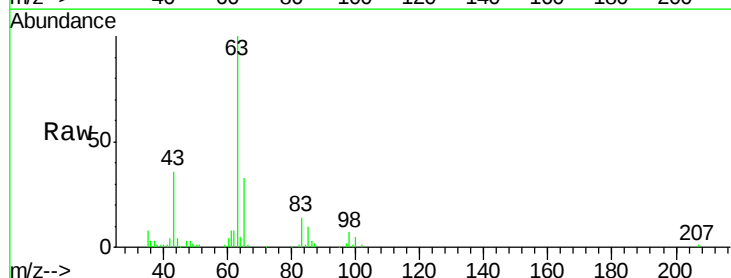
Tgt Ion: 63 Resp: 40270

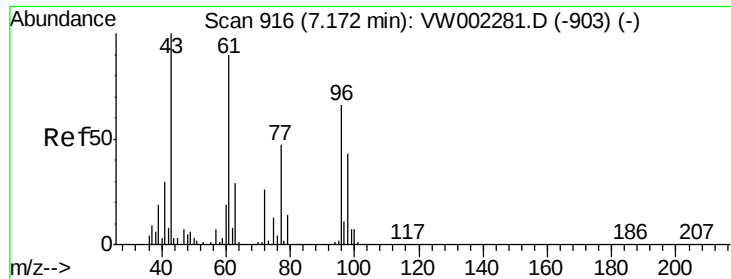
Ion Ratio Lower Upper

63 100

98 6.9 2.9 8.7

100 5.0 2.0 6.0





#25

2-Butanone

Concen: 79.71 ug/l

RT: 7.18 min Scan# 917

Delta R.T. 0.01 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampled :

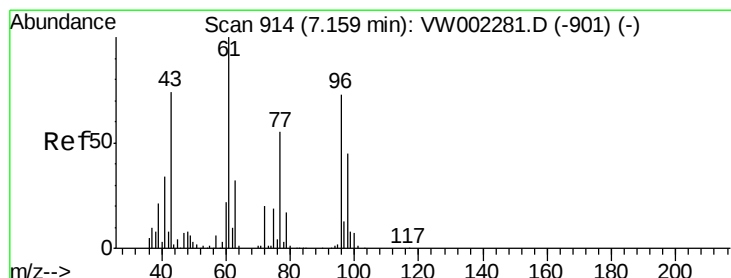
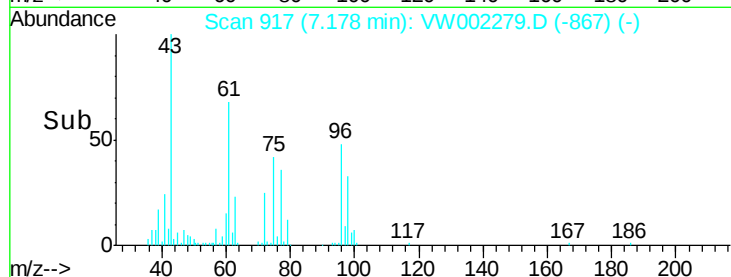
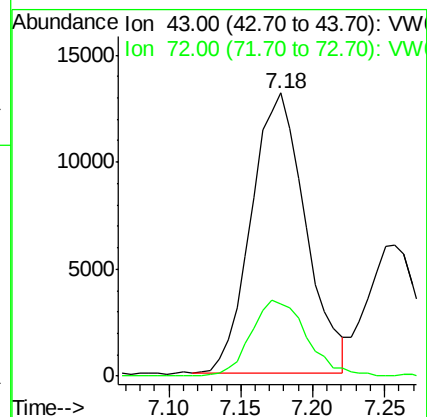
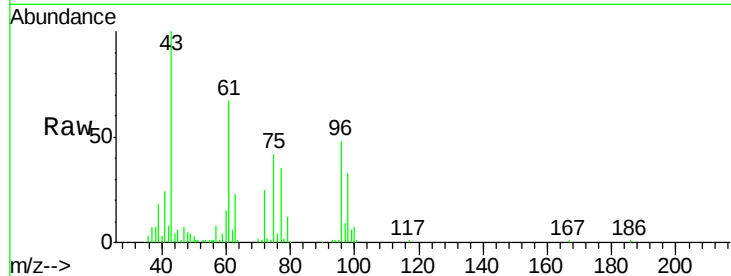
VSTDIC010

Tgt Ion: 43 Resp: 34472

Ion Ratio Lower Upper

43 100

72 25.5 20.6 31.0



#26

2,2-Dichloropropane

Concen: 6.78 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.00 min

Lab File: VW002279.D

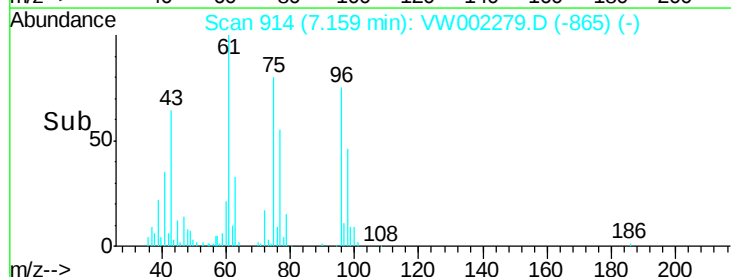
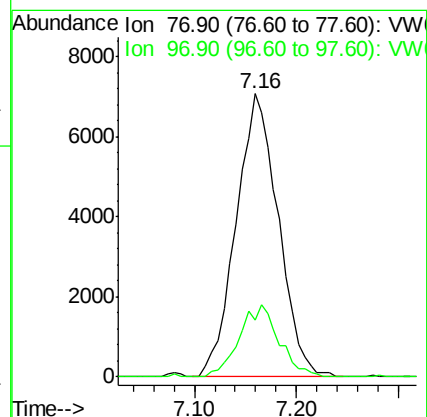
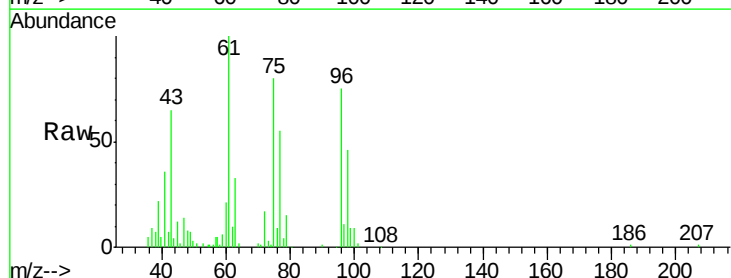
Acq: 08 May 2018 00:11

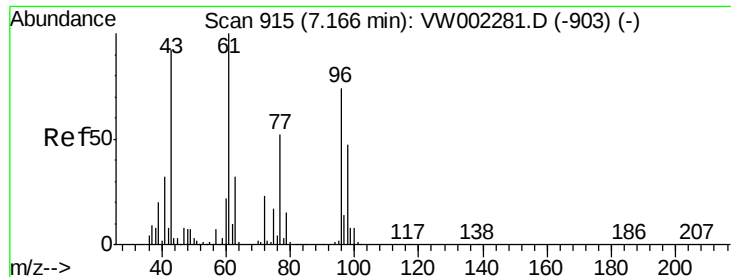
Tgt Ion: 77 Resp: 20295

Ion Ratio Lower Upper

77 100

97 24.0 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 11.86 ug/l

RT: 7.16 min Scan# 914

Delta R.T. -0.01 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

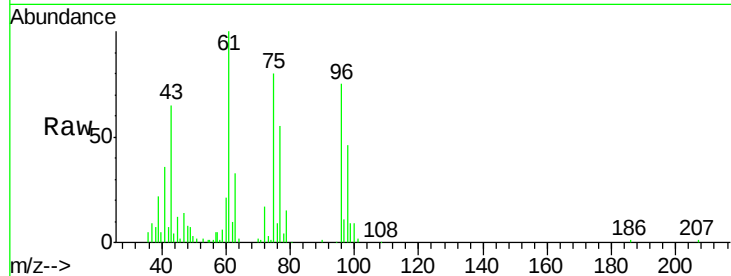
Tgt Ion: 96 Resp: 24742

Ion Ratio Lower Upper

96 100

61 142.3 0.0 274.8

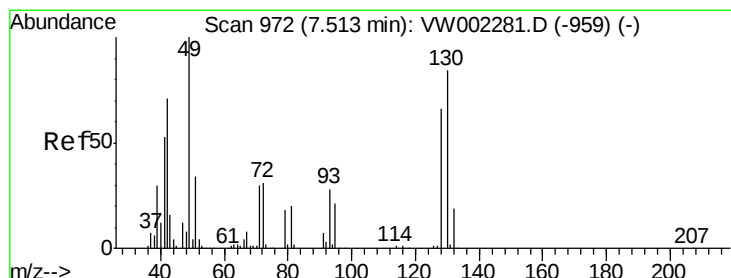
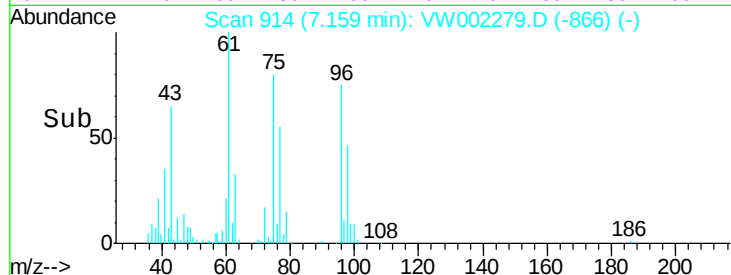
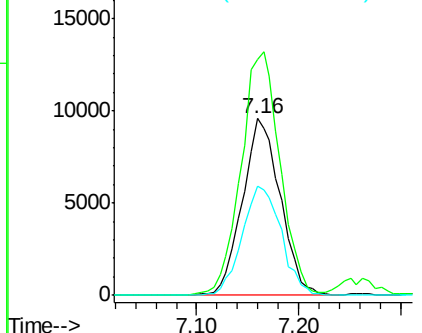
98 63.6 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 16.43 ug/l

RT: 7.51 min Scan# 972

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

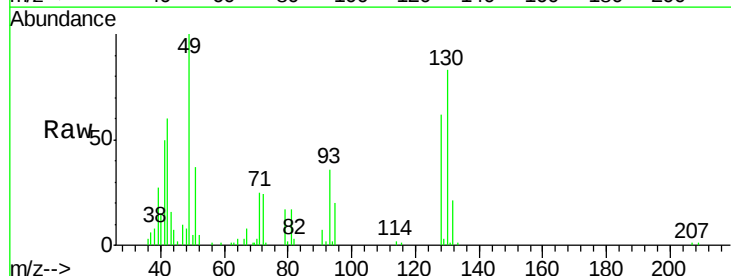
Tgt Ion: 49 Resp: 18495

Ion Ratio Lower Upper

49 100

129 3.0 0.0 2.4#

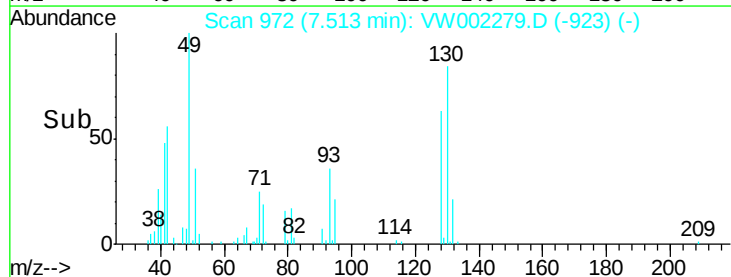
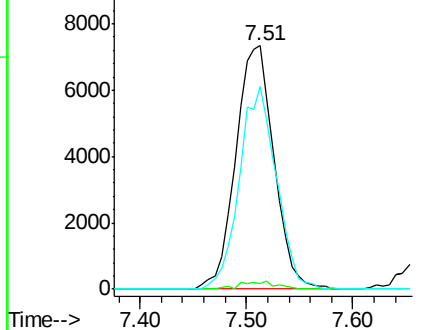
130 80.6 65.5 98.3

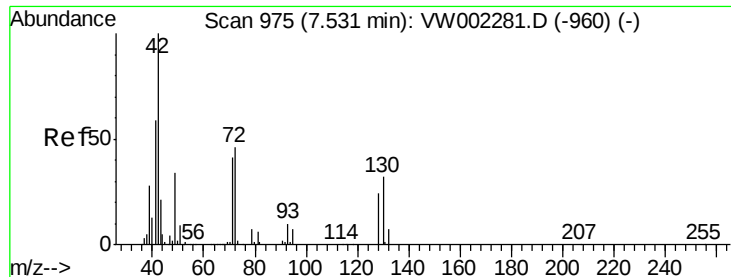


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 90.70 ug/l

RT: 7.53 min Scan# 975

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

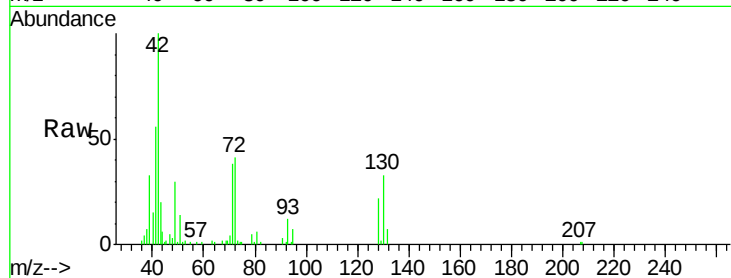
Tgt Ion: 42 Resp: 22804

Ion Ratio Lower Upper

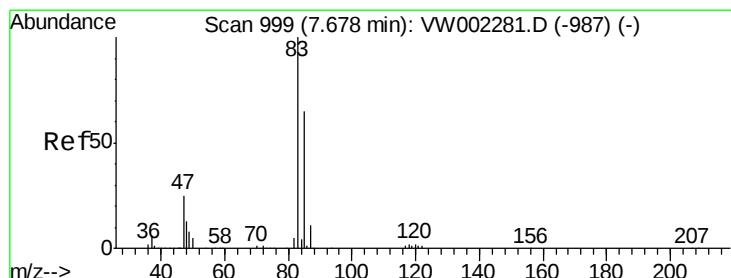
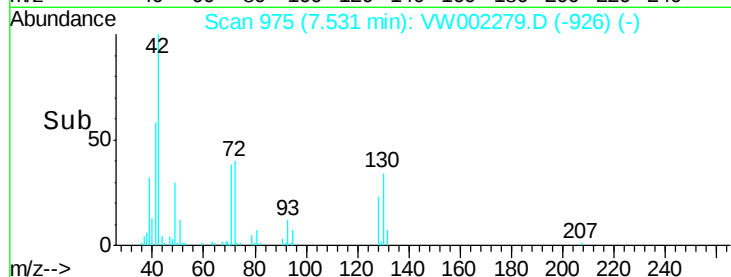
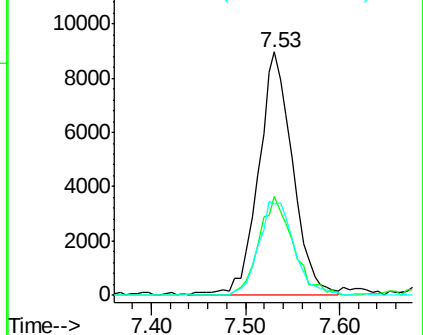
42 100

72 40.2 34.5 51.7

71 40.1 33.0 49.6



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



#30

Chloroform

Concen: 11.54 ug/l

RT: 7.67 min Scan# 998

Delta R.T. -0.01 min

Lab File: VW002279.D

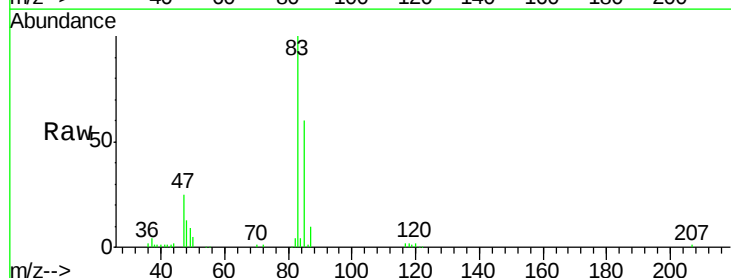
Acq: 08 May 2018 00:11

Tgt Ion: 83 Resp: 42764

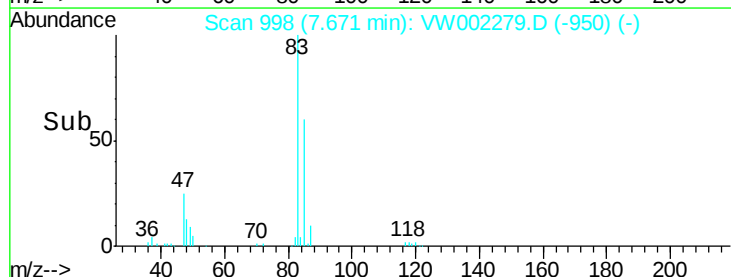
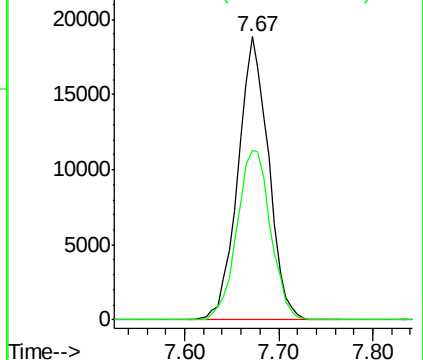
Ion Ratio Lower Upper

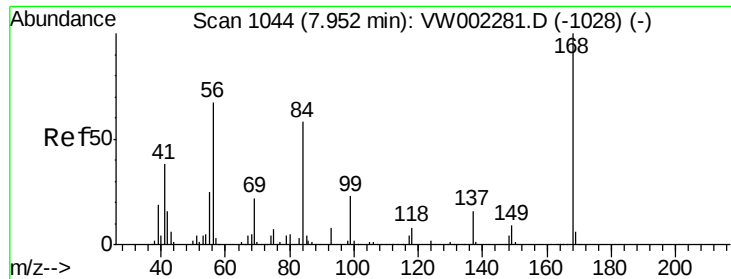
83 100

85 60.1 51.8 77.6



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

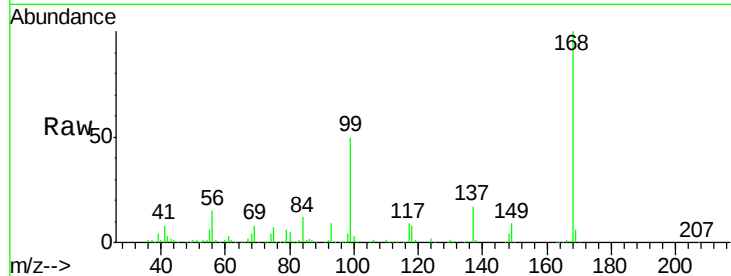




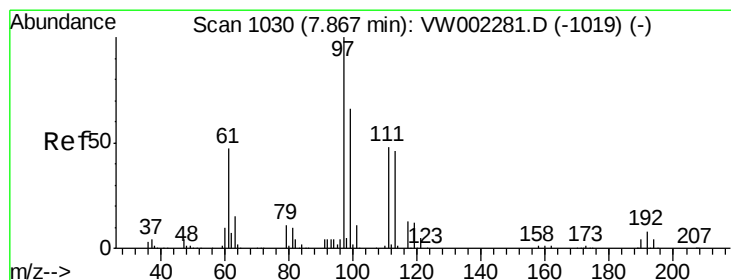
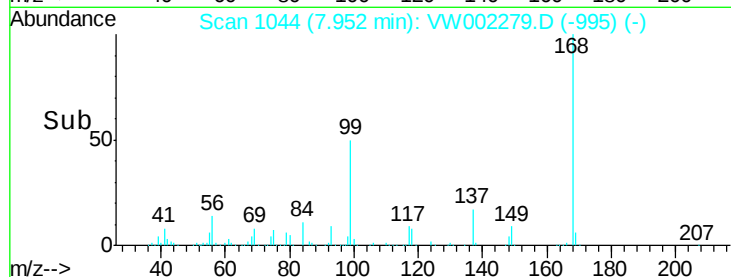
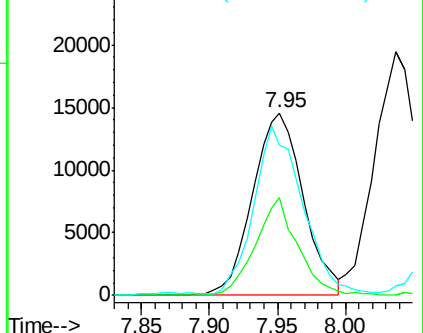
#31
Cyclohexane
Concen: 13.06 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 37922
Ion Ratio Lower Upper
56 100
69 53.9 26.2 39.4#
84 80.9 69.2 103.8

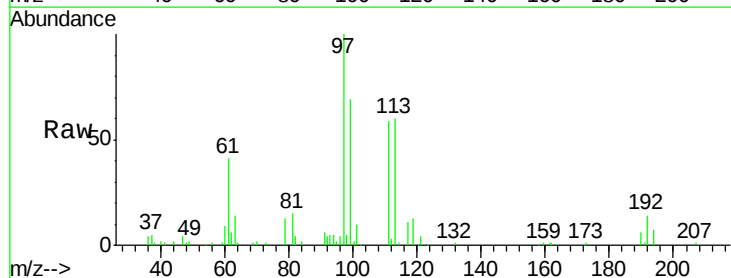


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

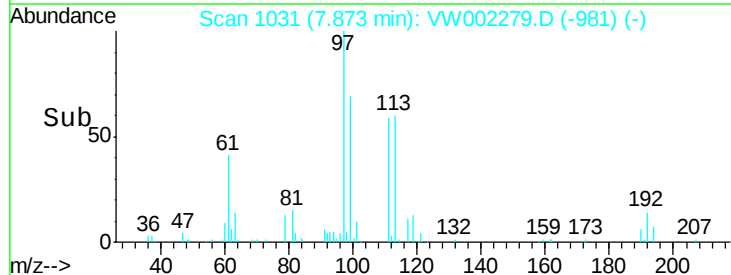
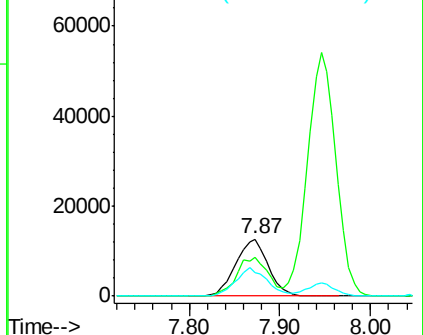


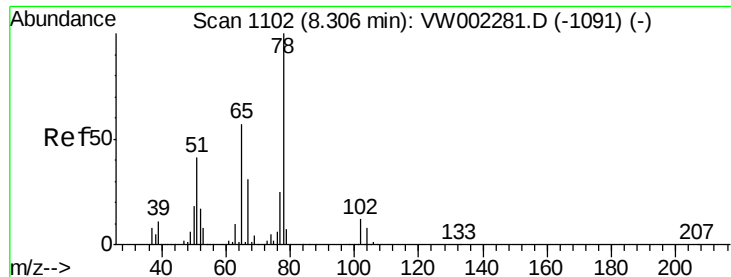
#32
1,1,1-Trichloroethane
Concen: 8.81 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

Tgt Ion: 97 Resp: 31332
Ion Ratio Lower Upper
97 100
99 67.7 52.6 79.0
61 47.0 35.6 53.4



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

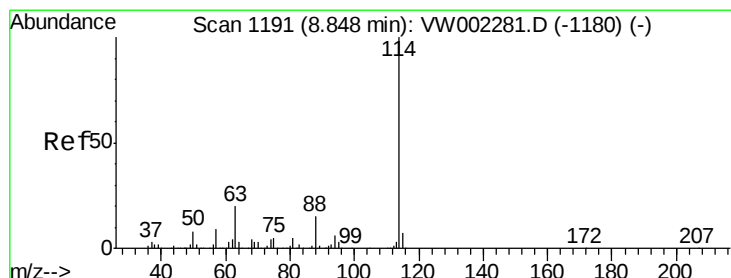
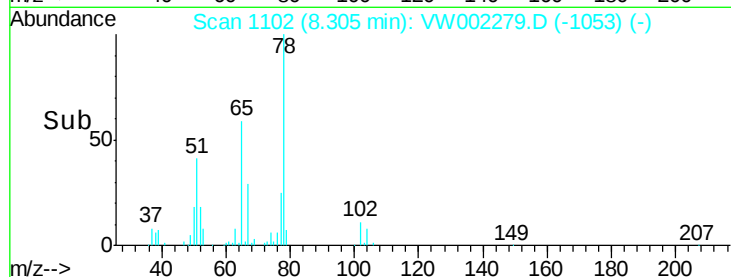
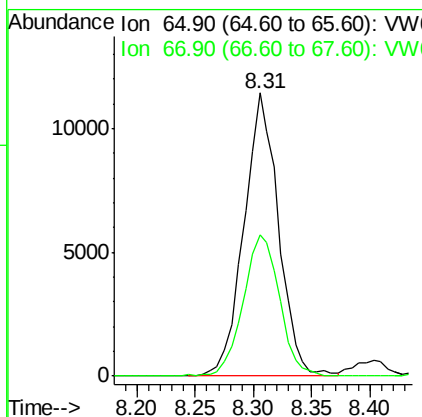
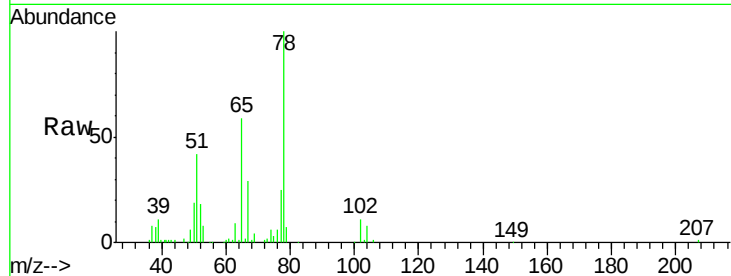




#33
 1,2-Dichloroethane-d4
 Concen: 12.10 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW002279.D
 Acq: 08 May 2018 00:11

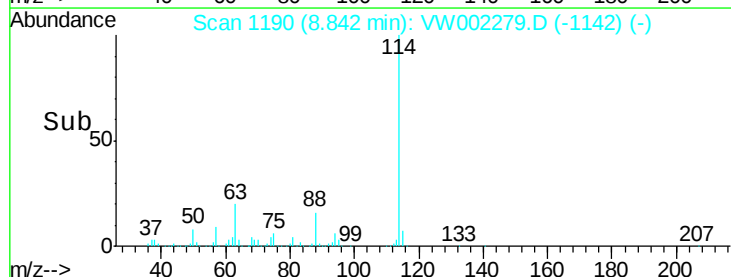
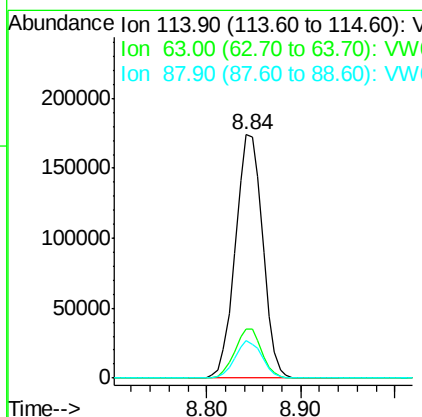
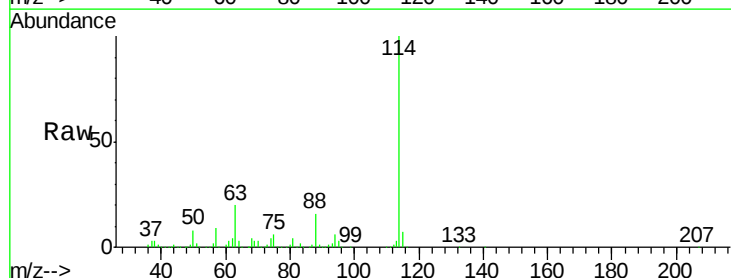
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

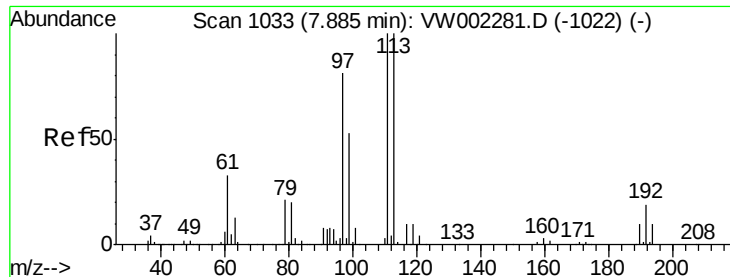
Tgt Ion: 65 Resp: 23621
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW002279.D
 Acq: 08 May 2018 00:11

Tgt Ion: 114 Resp: 350618
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.6 0.0 29.6

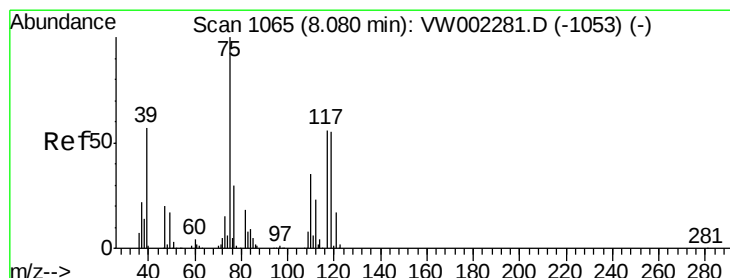
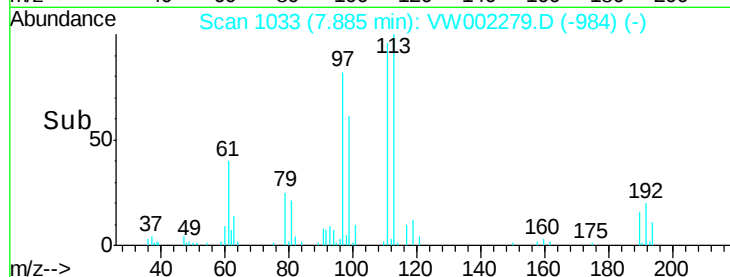
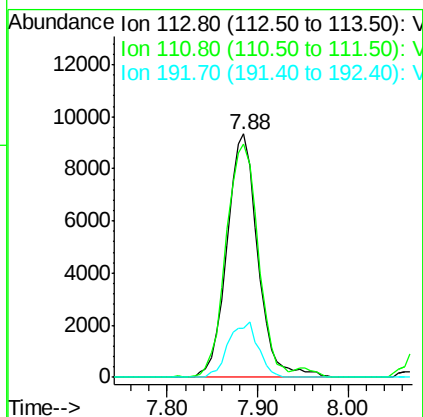
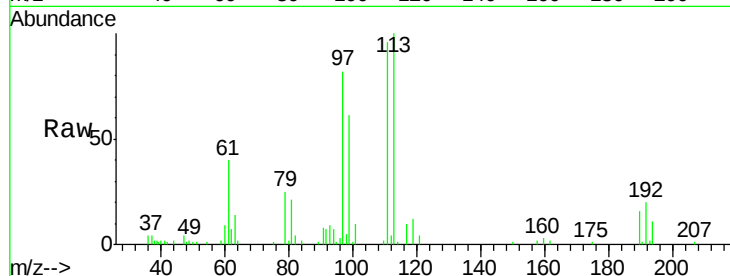




#35
 Dibromofluoromethane
 Concen: 10.04 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW002279.D
 Acq: 08 May 2018 00:11

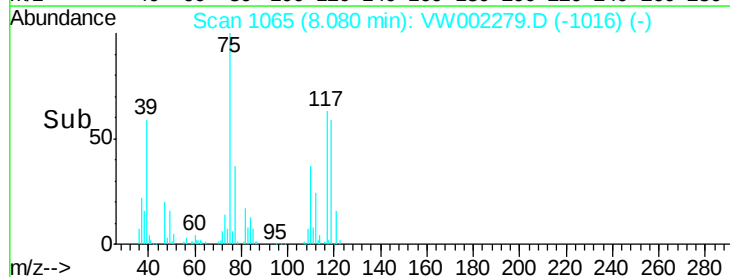
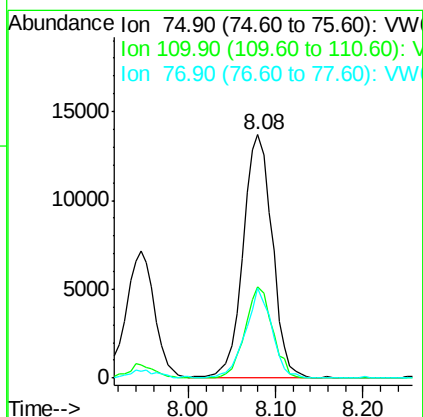
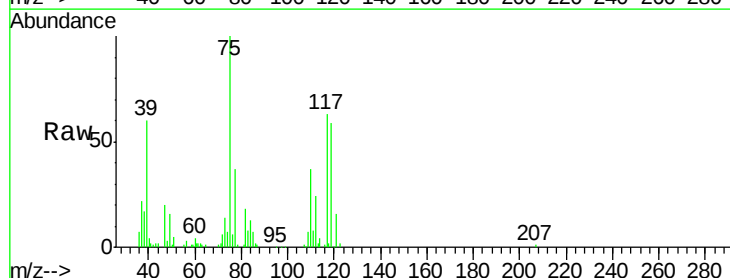
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

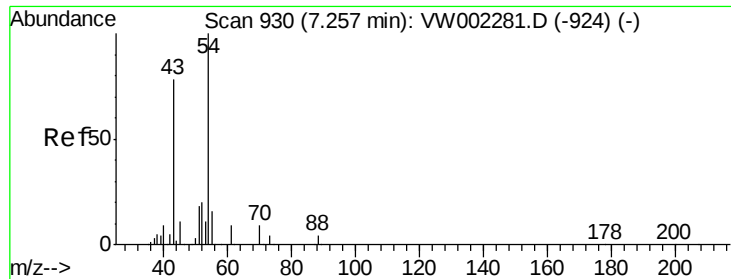
Tgt Ion: 113 Resp: 22092
 Ion Ratio Lower Upper
 113 100
 111 100.0 81.5 122.3
 192 21.7 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 9.76 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW002279.D
 Acq: 08 May 2018 00:11

Tgt Ion: 75 Resp: 31695
 Ion Ratio Lower Upper
 75 100
 110 35.1 18.1 54.1
 77 33.6 24.5 36.7

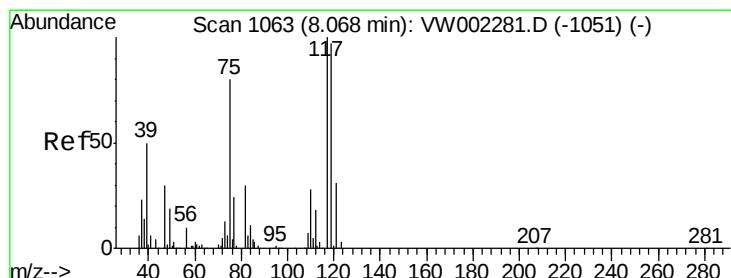
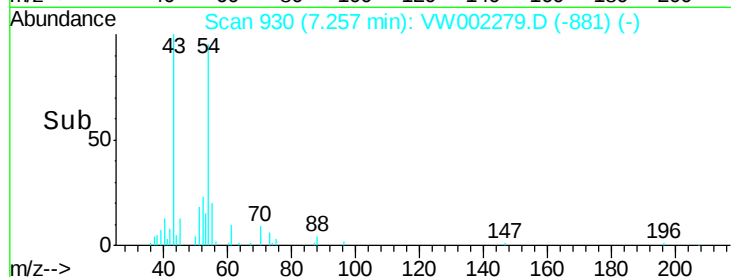
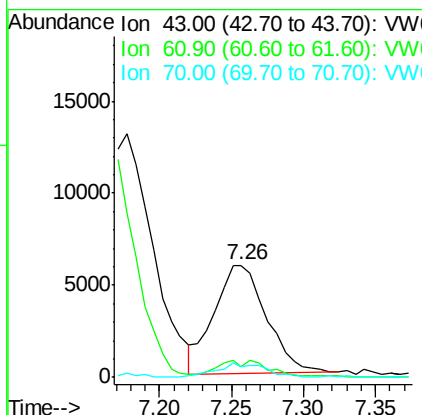
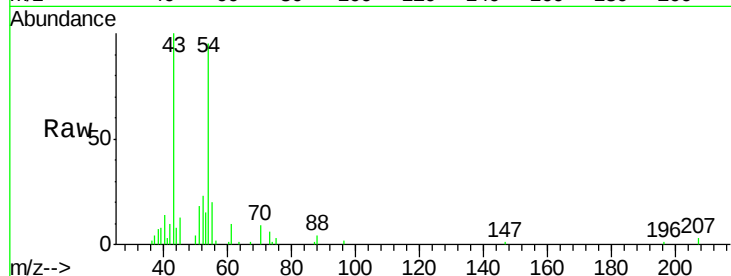




#37
 Ethyl Acetate
 Concen: 14.43 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VW002279.D
 Acq: 08 May 2018 00:11

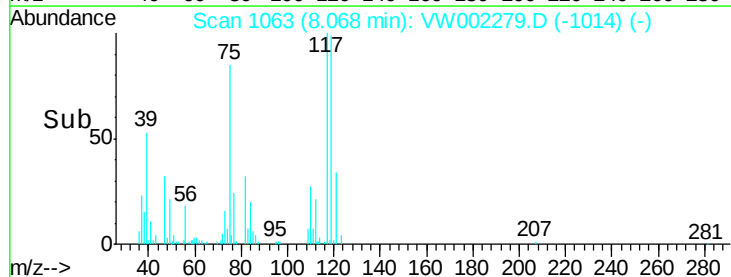
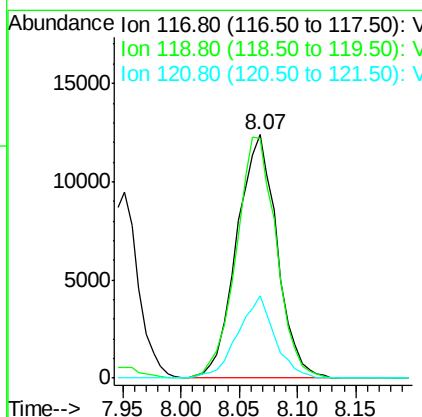
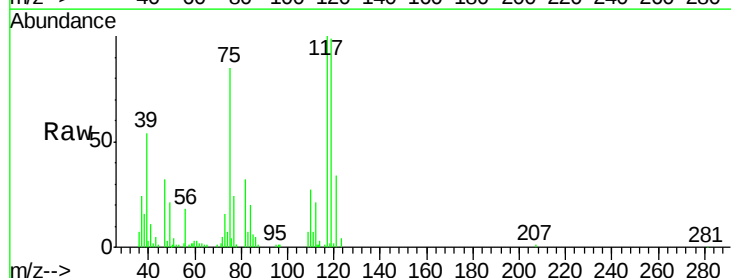
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

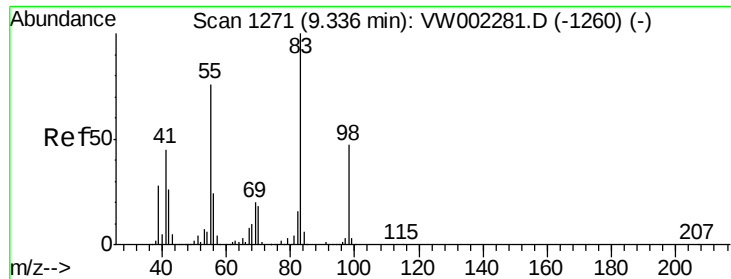
Tgt Ion: 43 Resp: 14872
 Ion Ratio Lower Upper
 43 100
 61 13.6 11.1 16.7
 70 12.2 7.9 11.9#



#38
 Carbon Tetrachloride
 Concen: 7.62 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: VW002279.D
 Acq: 08 May 2018 00:11

Tgt Ion: 117 Resp: 29922
 Ion Ratio Lower Upper
 117 100
 119 98.6 77.5 116.3
 121 33.9 24.4 36.6

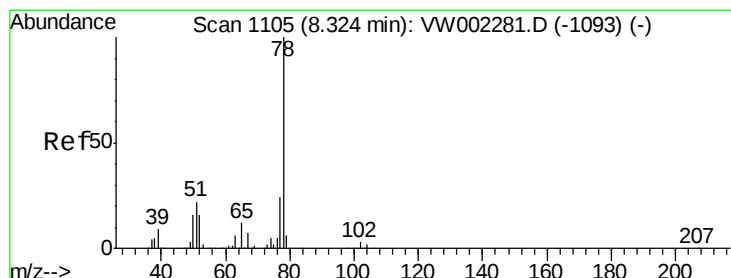
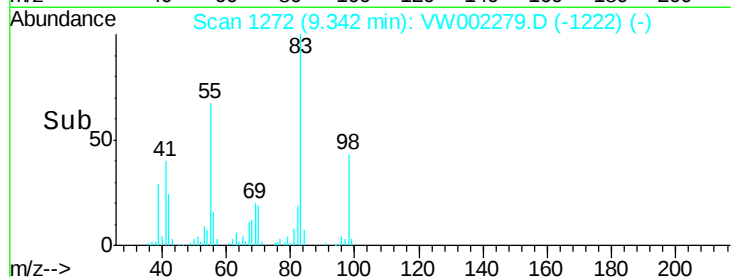
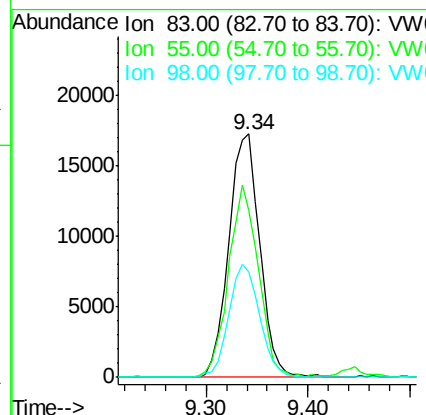
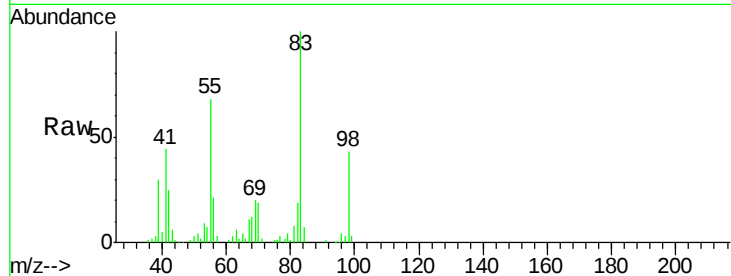




#39
Methylcyclohexane
Concen: 9.86 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

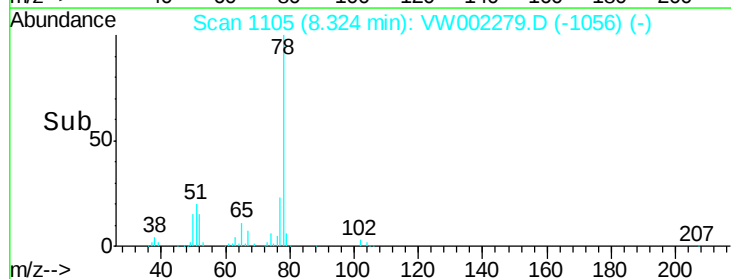
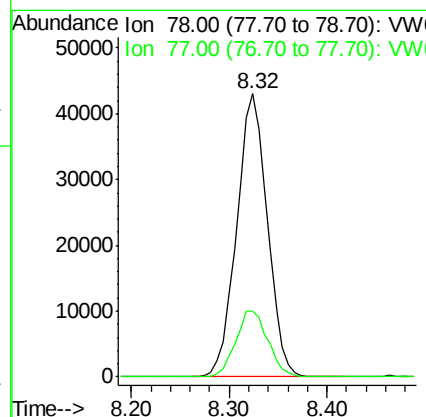
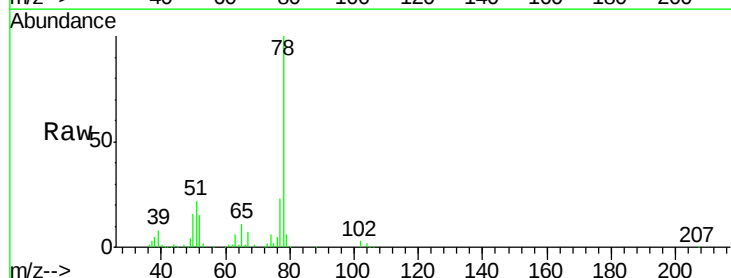
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

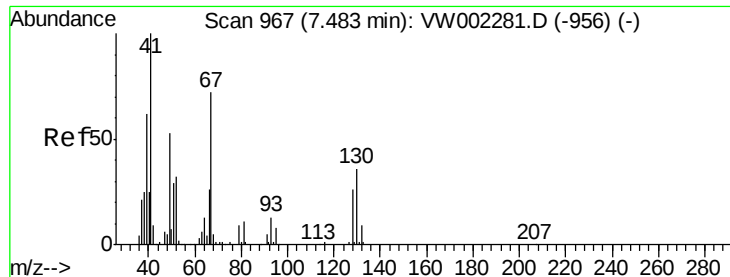
Tgt Ion: 83 Resp: 36417
Ion Ratio Lower Upper
83 100
55 68.5 60.6 91.0
98 43.2 37.4 56.0



#40
Benzene
Concen: 10.43 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

Tgt Ion: 78 Resp: 93462
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9

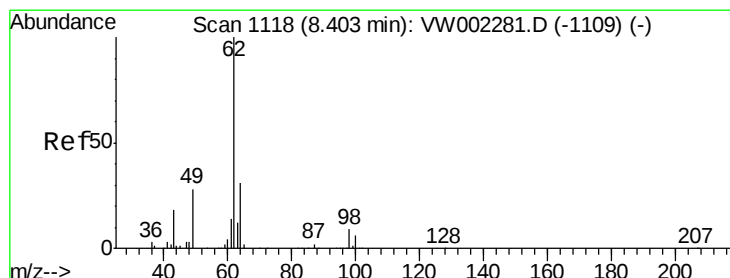
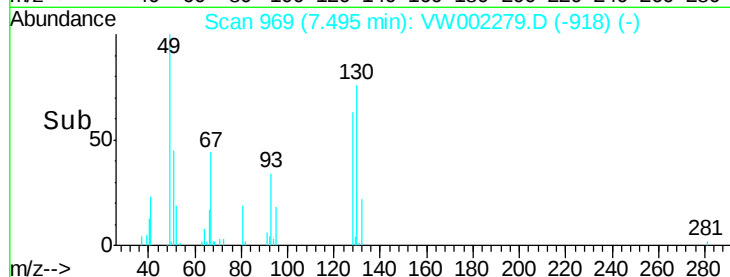
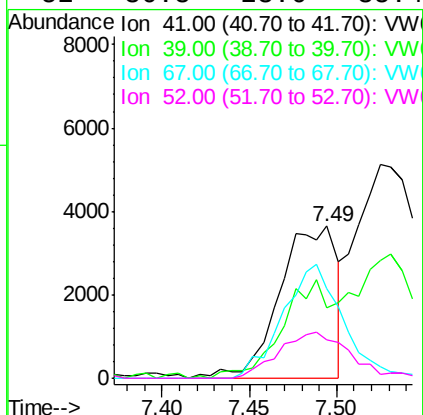
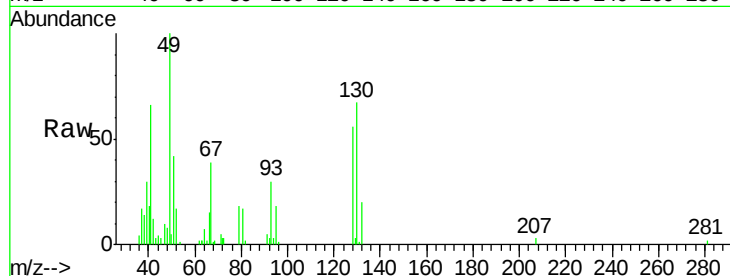




#41
Methacrylonitrile
Concen: 14.58 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.01 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

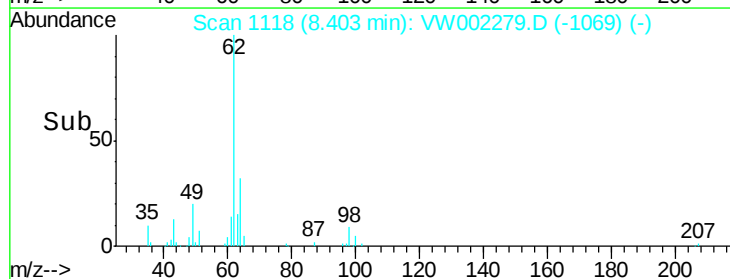
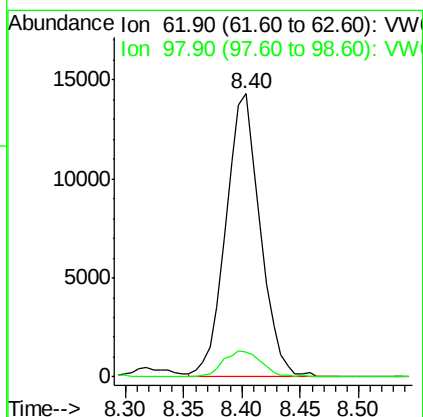
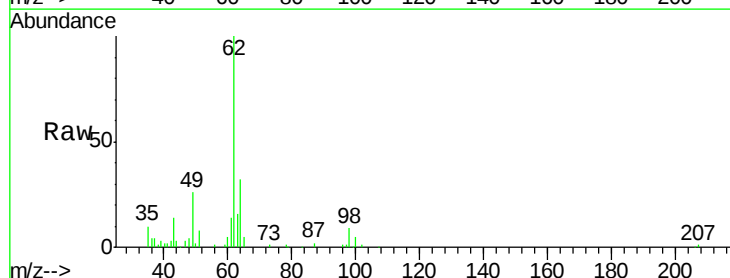
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

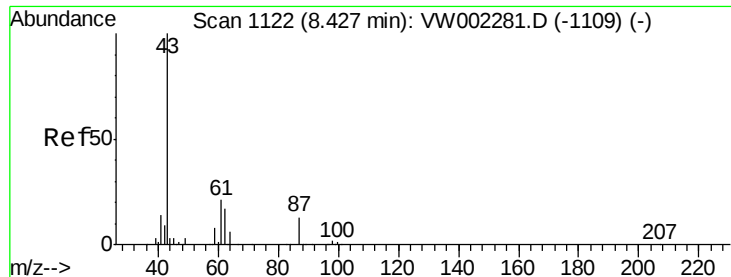
Tgt Ion:	41	Resp:	8327
Ion	Ratio	Lower	Upper
41	100		
39	58.8	40.2	60.4
67	78.8	54.7	82.1
52	36.8	23.6	35.4#



#42
1,2-Dichloroethane
Concen: 10.64 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

Tgt Ion:	62	Resp:	29388
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.4

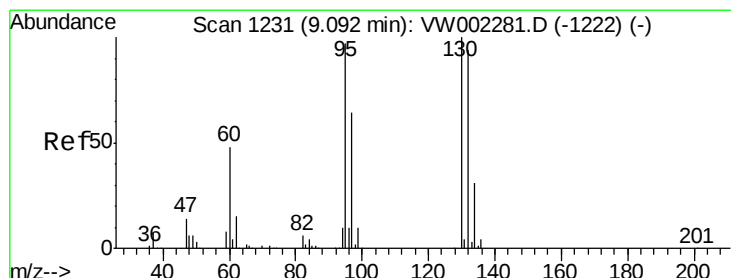
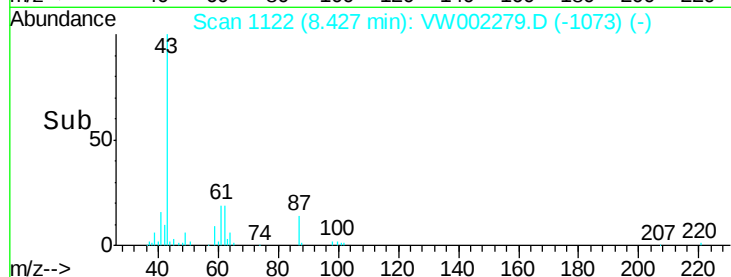
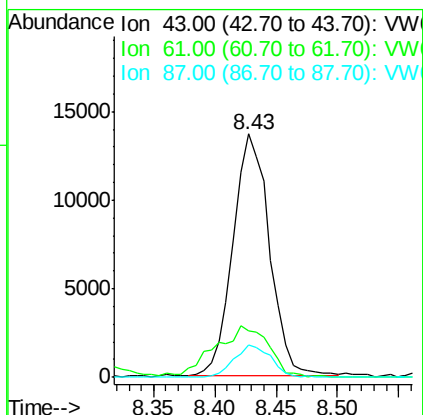
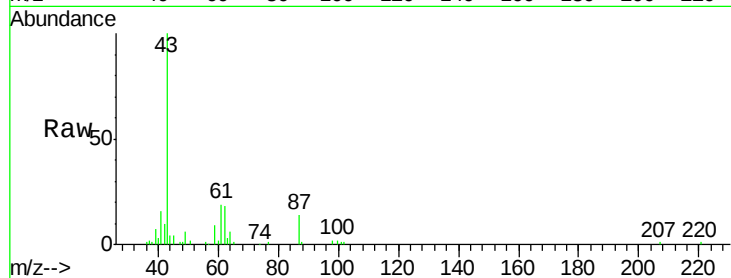




#43
Isopropyl Acetate
Concen: 13.79 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

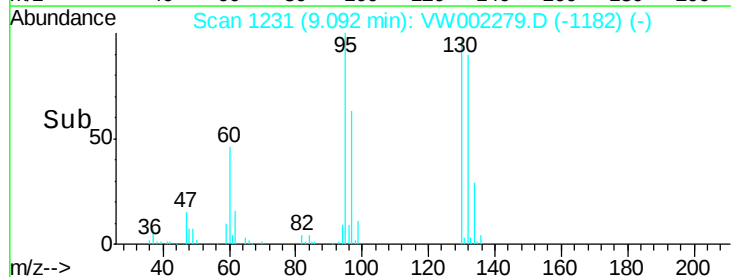
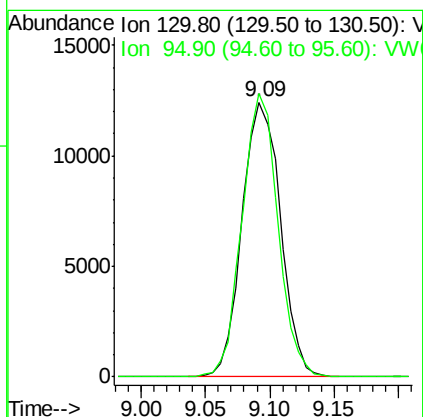
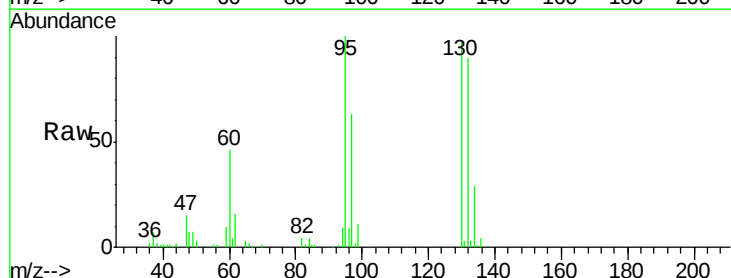
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

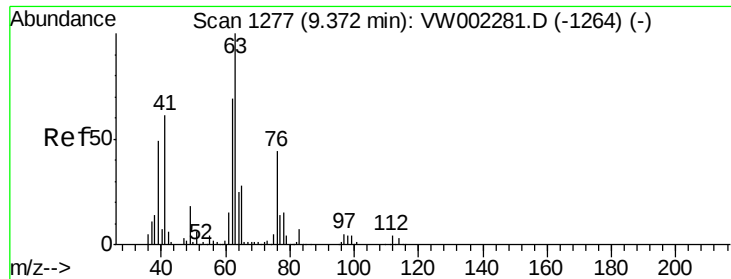
Tgt Ion: 43 Resp: 28196
Ion Ratio Lower Upper
43 100
61 31.6 23.7 35.5
87 13.4 10.7 16.1



#44
Trichloroethene
Concen: 9.07 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

Tgt Ion: 130 Resp: 25670
Ion Ratio Lower Upper
130 100
95 102.9 0.0 193.4

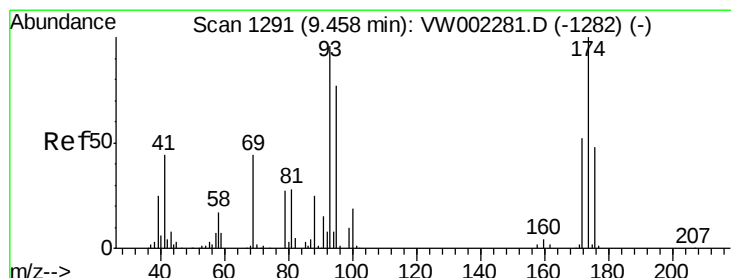
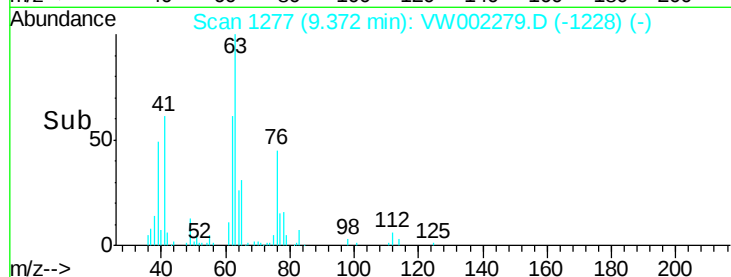
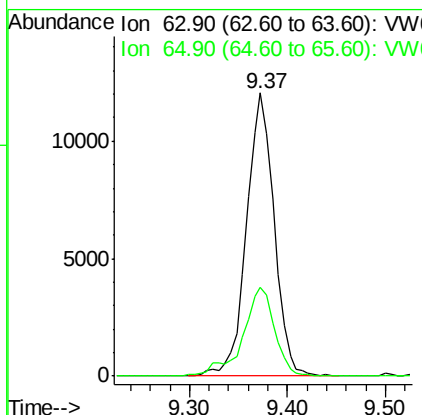
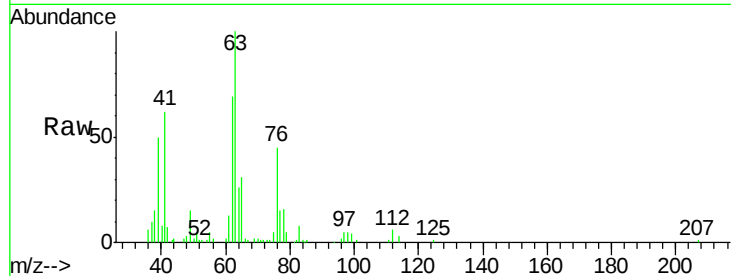




#45
 1,2-Dichloropropane
 Concen: 11.55 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW002279.D
 Acq: 08 May 2018 00:11

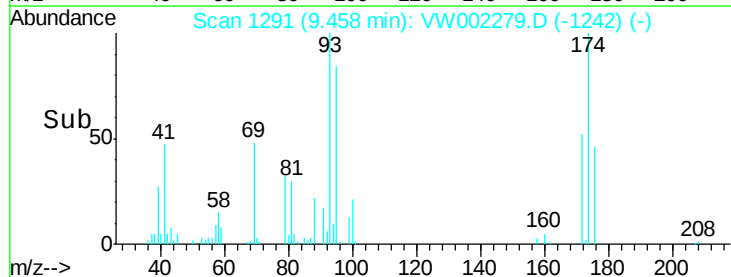
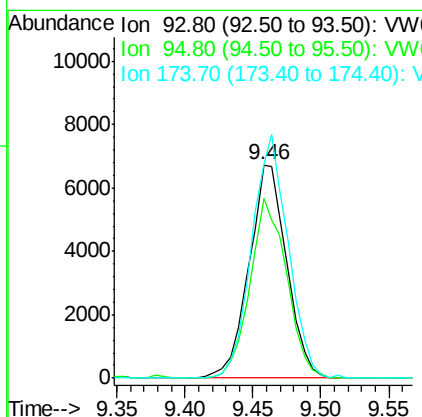
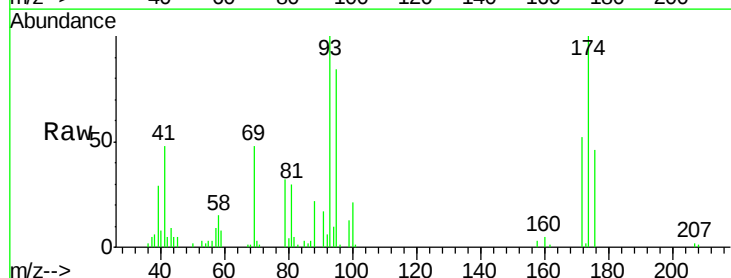
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

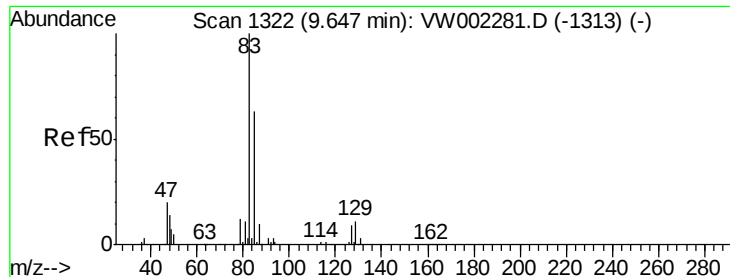
Tgt Ion: 63 Resp: 23572
 Ion Ratio Lower Upper
 63 100
 65 31.4 22.9 34.3



#46
 Dibromomethane
 Concen: 11.23 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: VW002279.D
 Acq: 08 May 2018 00:11

Tgt Ion: 93 Resp: 13058
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.4 99.6
 174 110.4 86.8 130.2





#47

Bromodichloromethane

Concen: 9.49 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

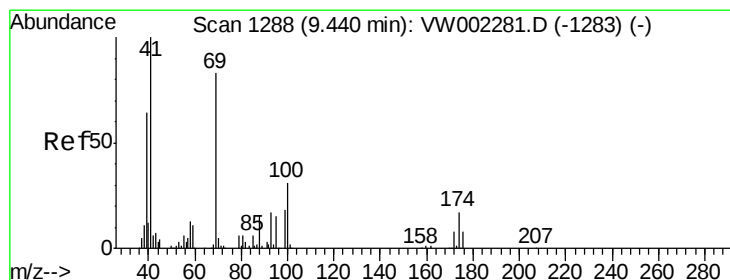
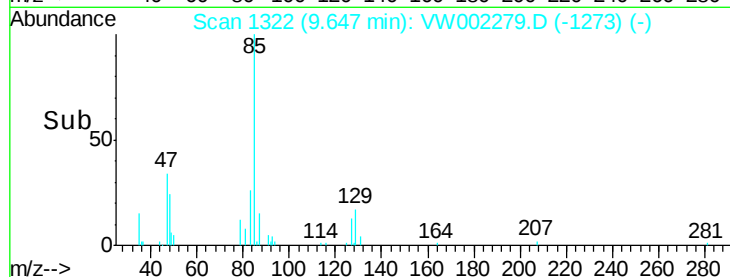
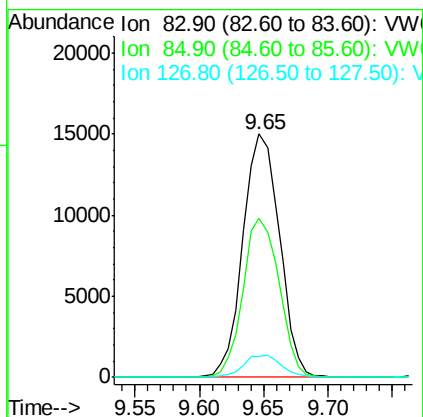
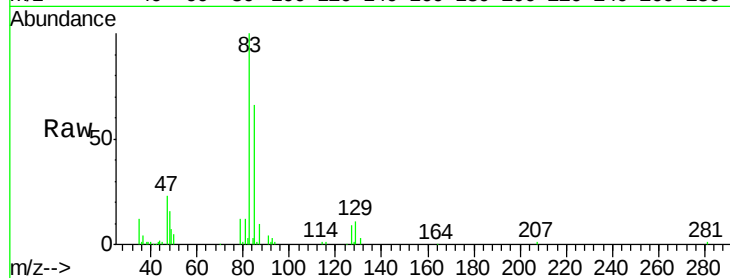
Tgt Ion: 83 Resp: 29555

Ion Ratio Lower Upper

83 100

85 65.6 50.2 75.2

127 8.7 6.9 10.3



#48

Methyl methacrylate

Concen: 13.51 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

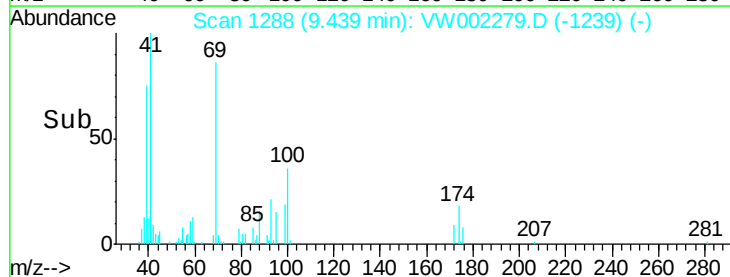
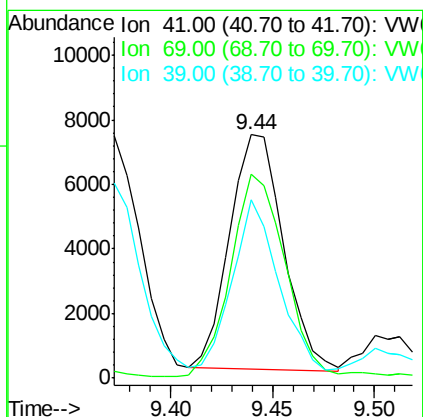
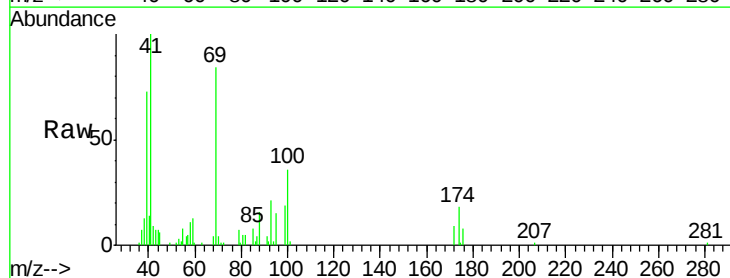
Tgt Ion: 41 Resp: 13374

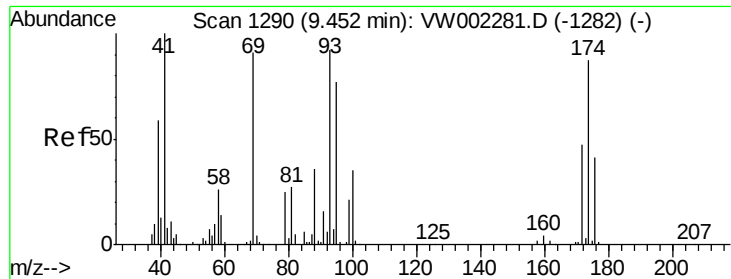
Ion Ratio Lower Upper

41 100

69 87.1 69.9 104.9

39 66.2 54.0 81.0





#49

1,4-Dioxane

Concen: 231.91 ug/l

RT: 9.45 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

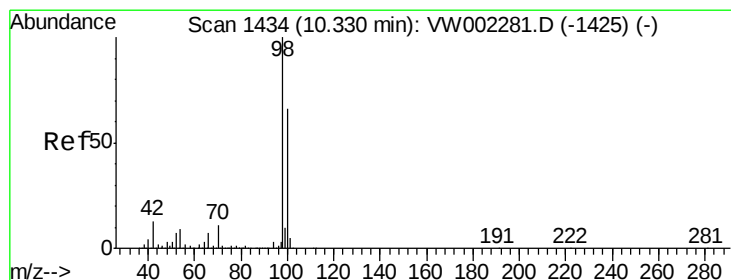
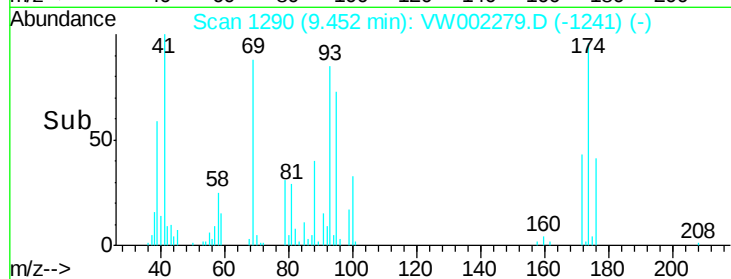
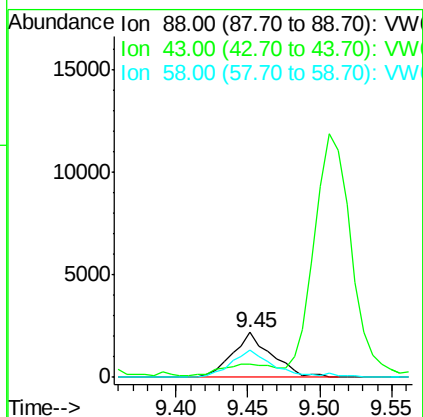
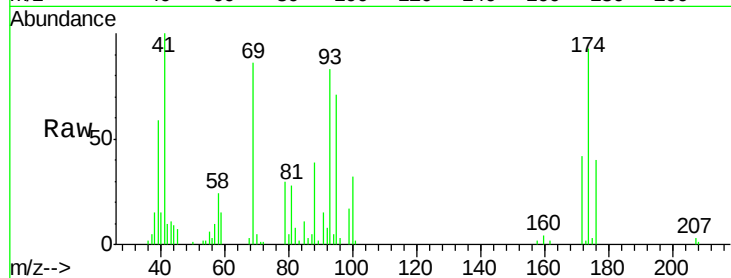
Tgt Ion: 88 Resp: 4139

Ion Ratio Lower Upper

88 100

43 34.7 26.3 39.5

58 64.1 56.0 84.0



#50

Toluene-d8

Concen: 9.97 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW002279.D

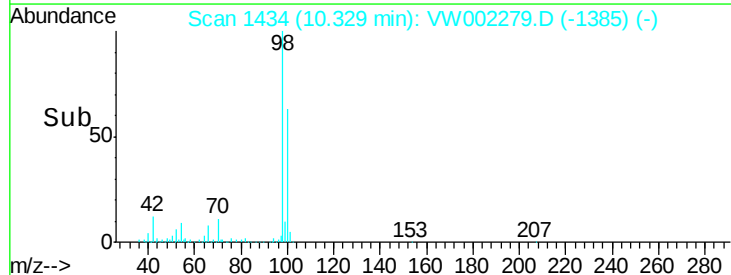
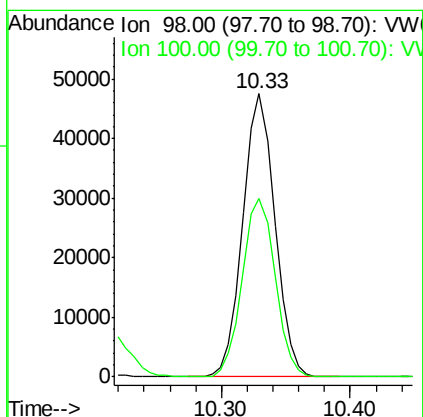
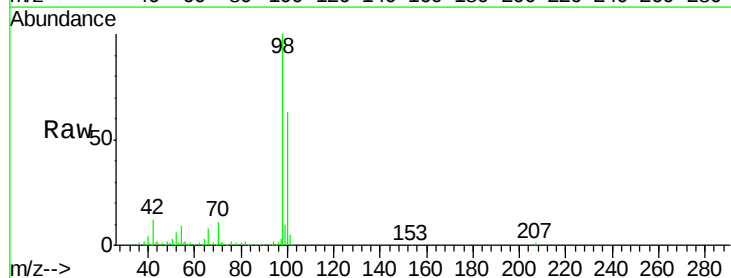
Acq: 08 May 2018 00:11

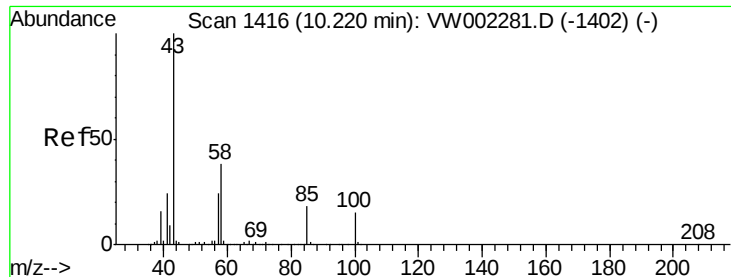
Tgt Ion: 98 Resp: 81863

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.2





#51

4-Methyl-2-Pentanone

Concen: 76.50 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

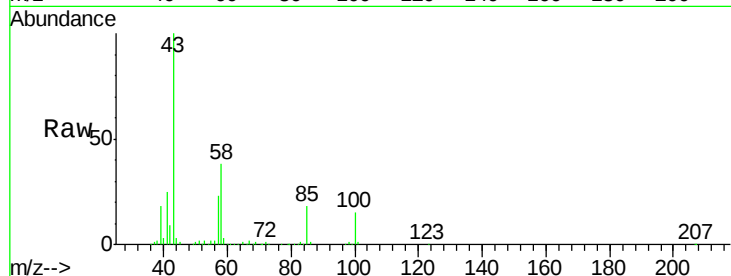
VSTDIC010

Tgt Ion: 43 Resp: 78664

Ion Ratio Lower Upper

43 100

58 37.2 30.2 45.2

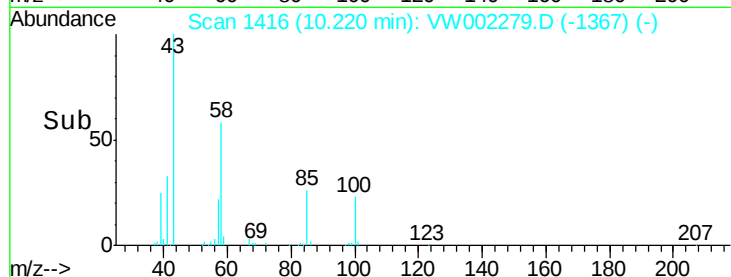


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.22

Time-->



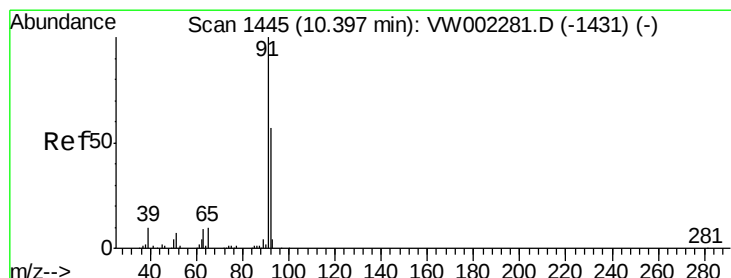
Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.22

Time-->



#52

Toluene

Concen: 9.85 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW002279.D

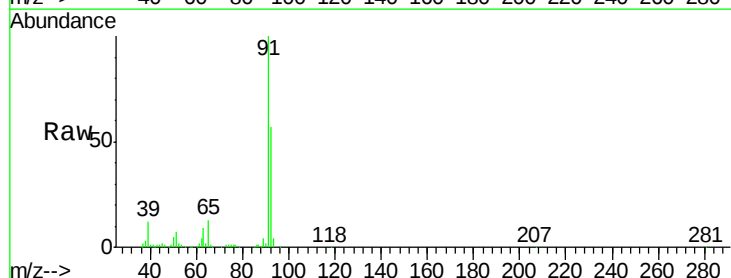
Acq: 08 May 2018 00:11

Tgt Ion: 92 Resp: 58196

Ion Ratio Lower Upper

92 100

91 176.7 138.6 208.0

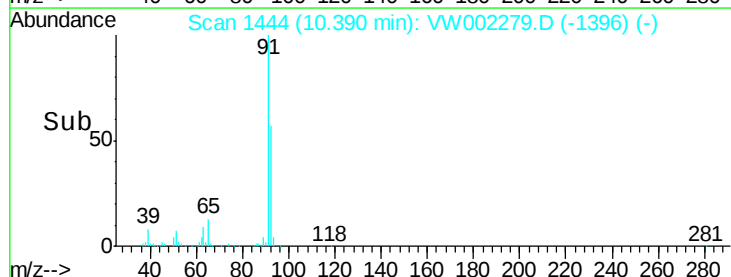


Abundance Ion 92.00 (91.70 to 92.70): VW

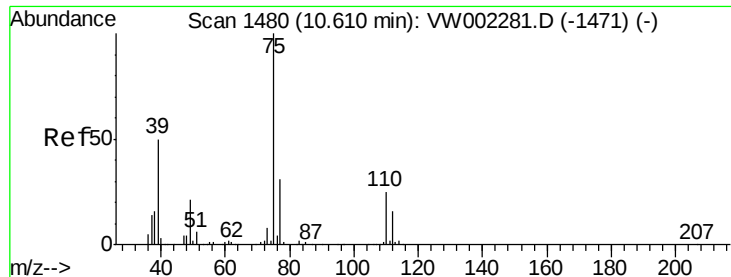
Ion 91.00 (90.70 to 91.70): VW

10.39

Time-->



Time-->



#53

t-1,3-Dichloropropene

Concen: 10.16 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

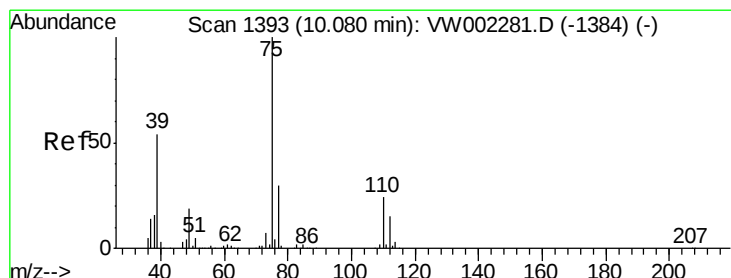
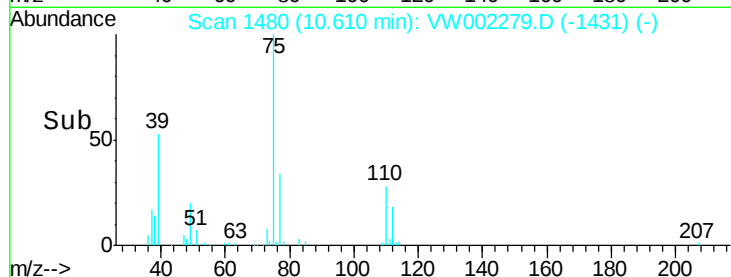
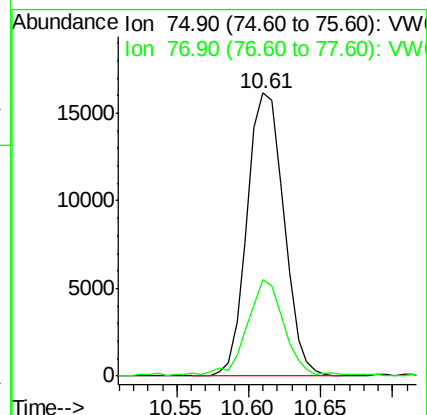
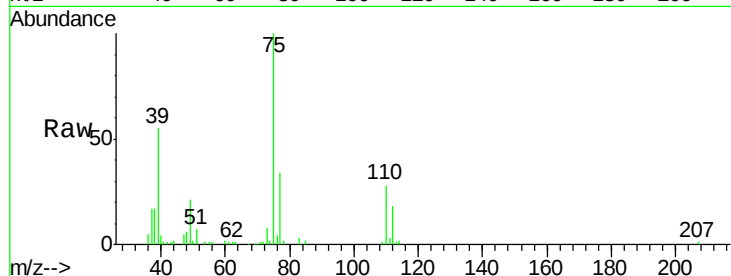
VSTDIC010

Tgt Ion: 75 Resp: 28561

Ion Ratio Lower Upper

75 100

77 33.3 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 10.33 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

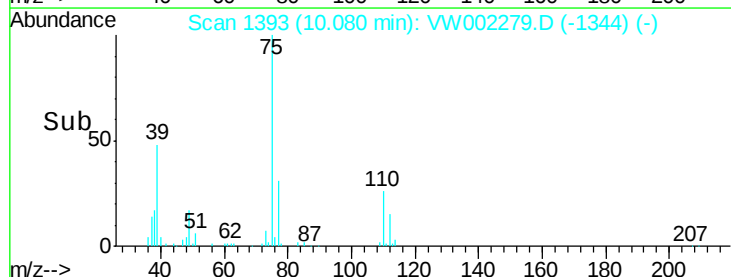
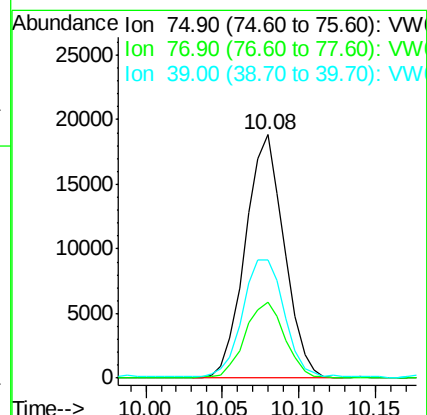
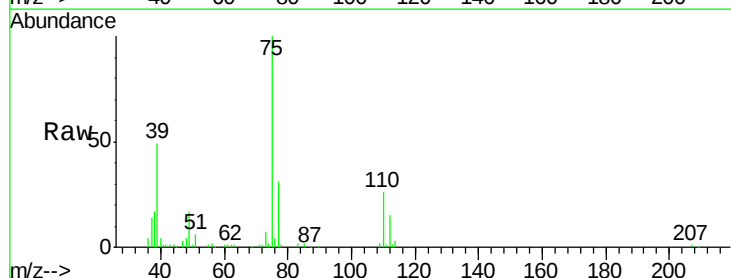
Tgt Ion: 75 Resp: 33312

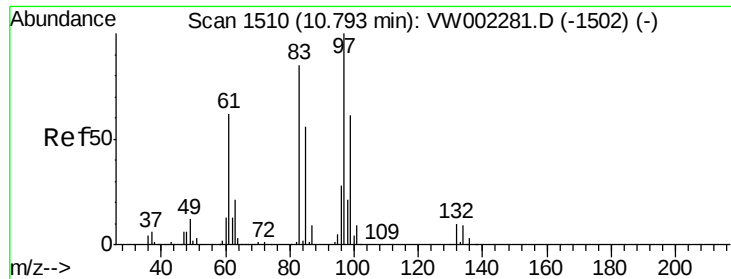
Ion Ratio Lower Upper

75 100

77 31.4 23.9 35.9

39 48.0 43.2 64.8





#55

1,1,2-Trichloroethane

Concen: 10.84 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 18496

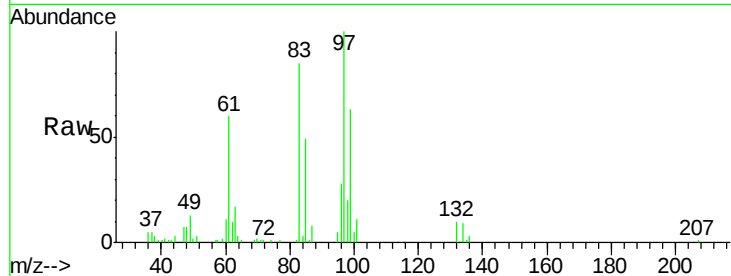
Ion Ratio Lower Upper

97 100

83 85.1 68.4 102.6

85 48.6 44.6 67.0

99 62.5 48.8 73.2

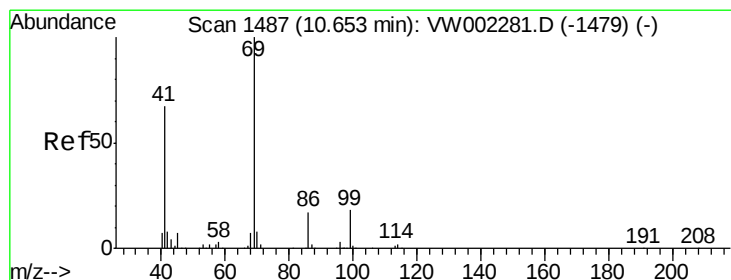
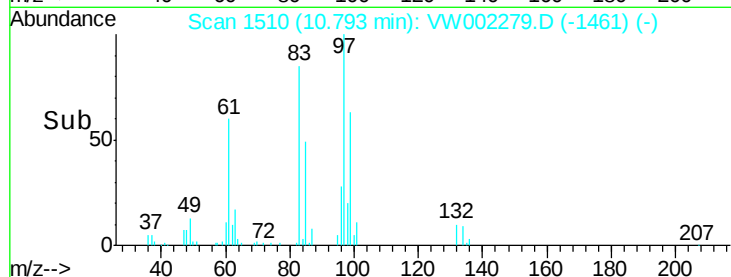
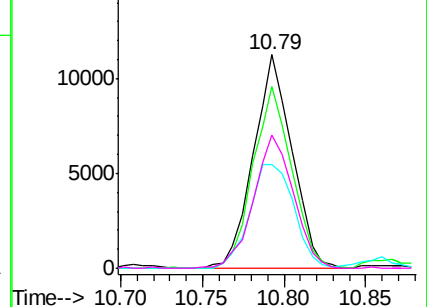


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 11.93 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

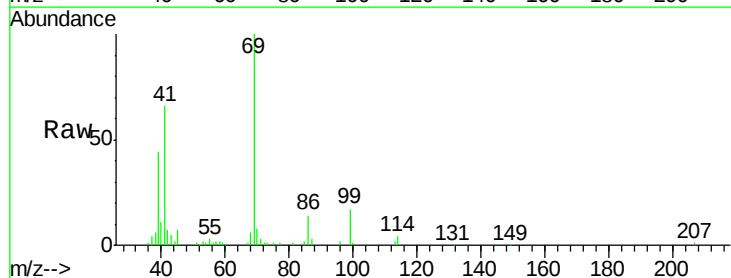
Tgt Ion: 69 Resp: 21063

Ion Ratio Lower Upper

69 100

41 67.7 56.0 84.0

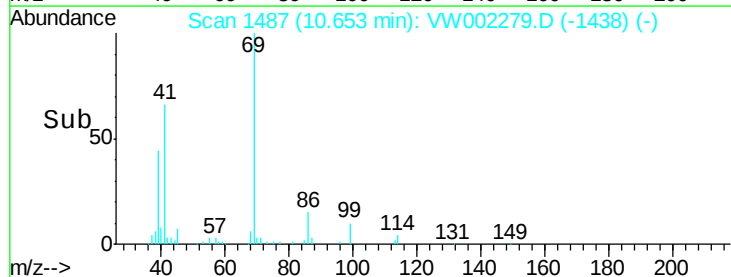
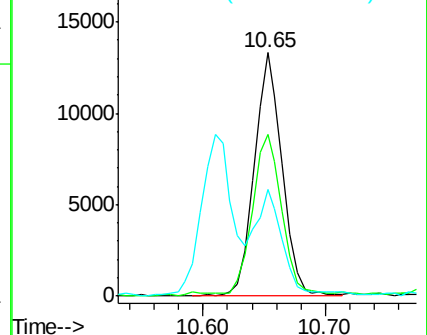
39 38.8 32.7 49.1

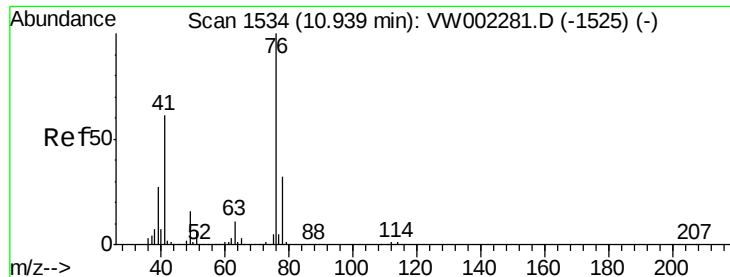


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

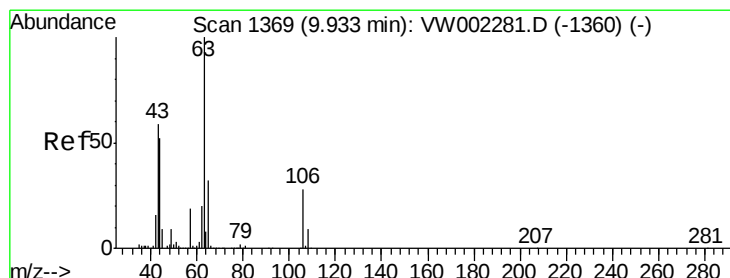
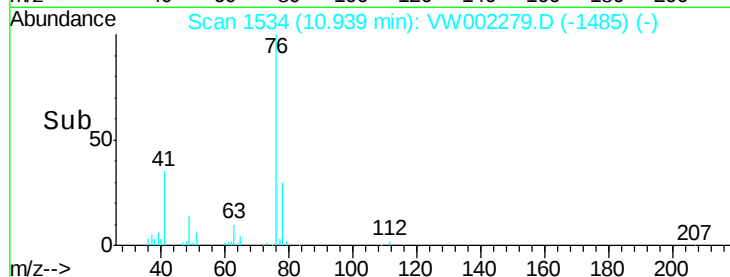
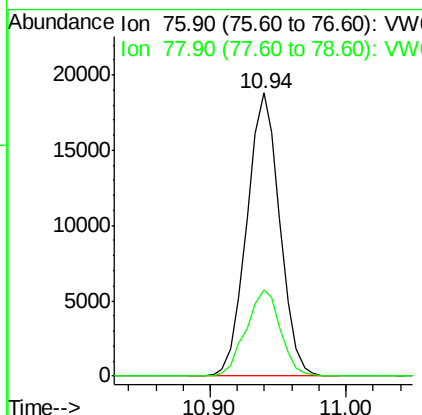
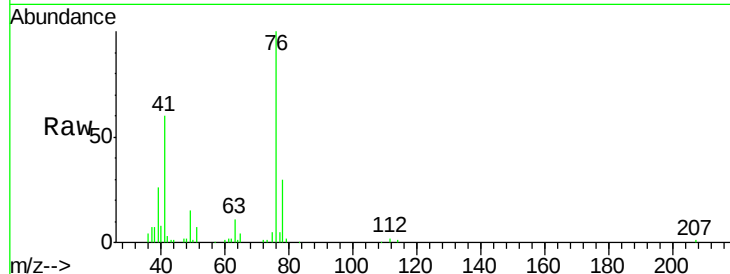




#57
 1,3-Dichloropropane
 Concen: 11.92 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW002279.D
 Acq: 08 May 2018 00:11

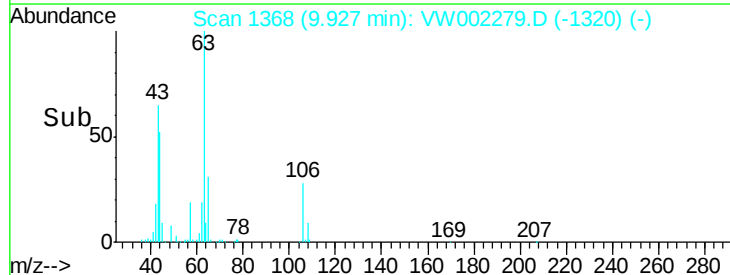
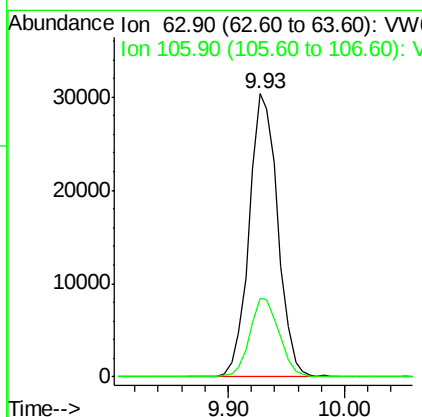
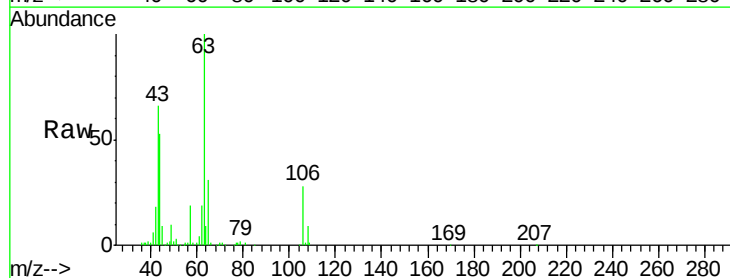
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

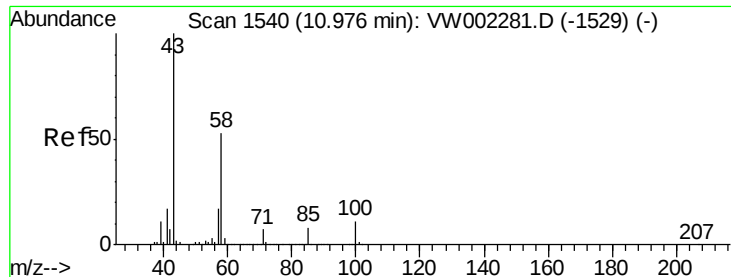
Tgt Ion: 76 Resp: 31851
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 67.40 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW002279.D
 Acq: 08 May 2018 00:11

Tgt Ion: 63 Resp: 51804
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.5 33.7

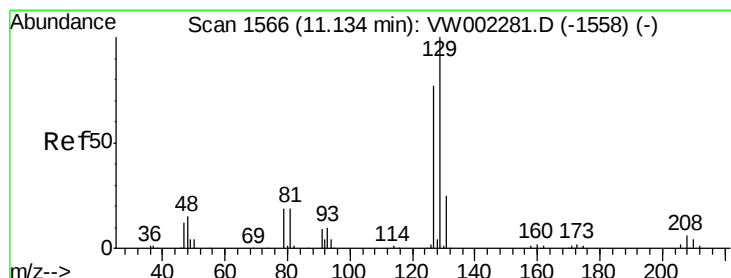
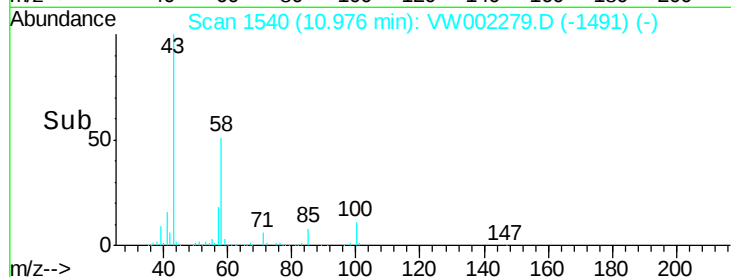
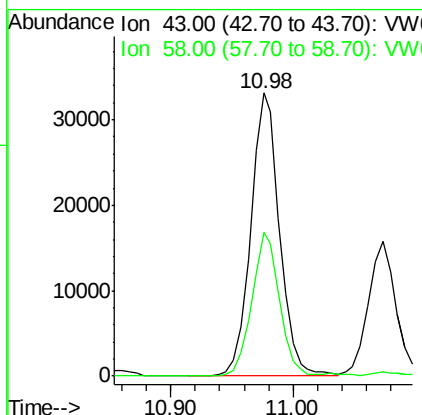
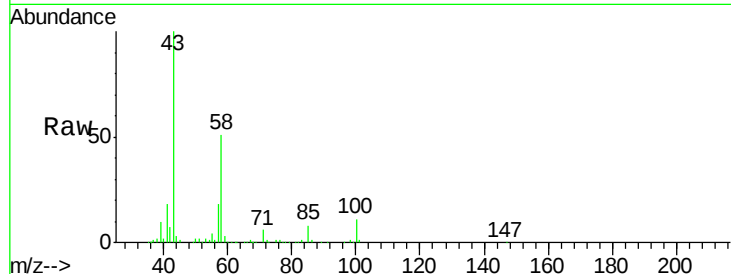




#59
2-Hexanone
Concen: 73.69 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

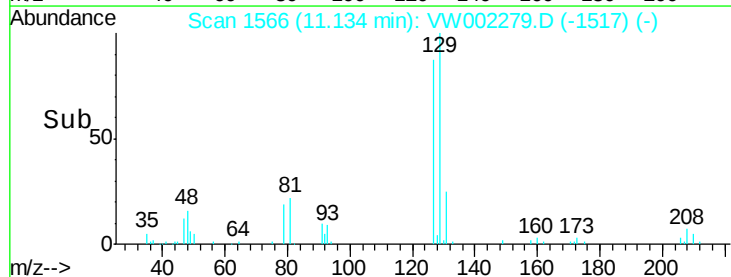
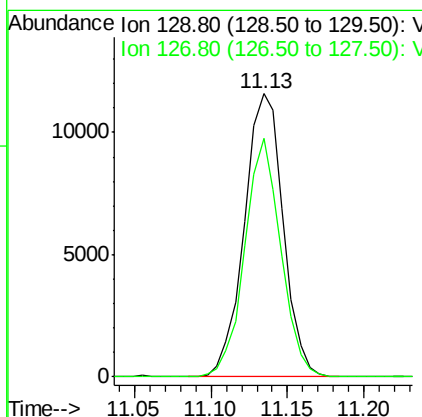
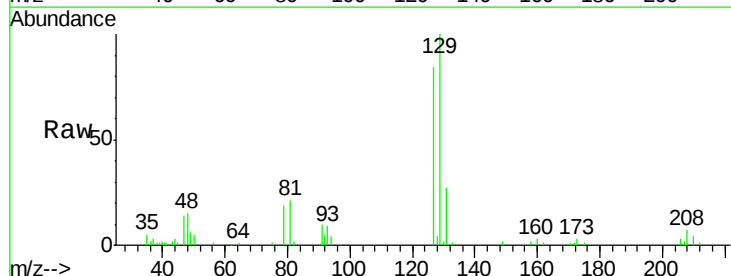
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

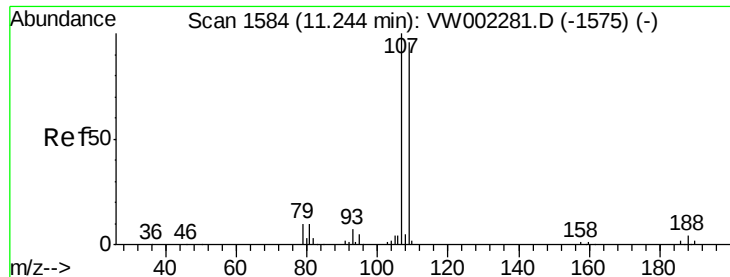
Tgt Ion: 43 Resp: 54327
Ion Ratio Lower Upper
43 100
58 48.5 26.0 78.0



#60
Dibromochloromethane
Concen: 8.93 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

Tgt Ion: 129 Resp: 20500
Ion Ratio Lower Upper
129 100
127 77.8 39.0 116.9





#61

1,2-Dibromoethane

Concen: 11.65 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.01 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

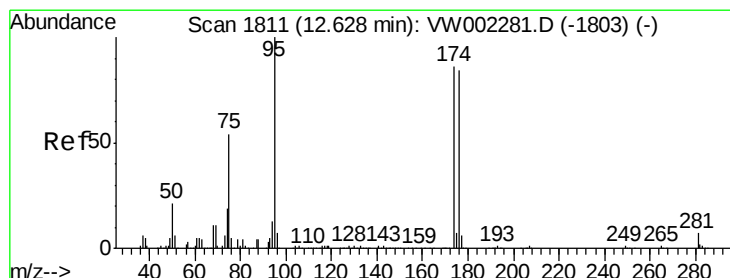
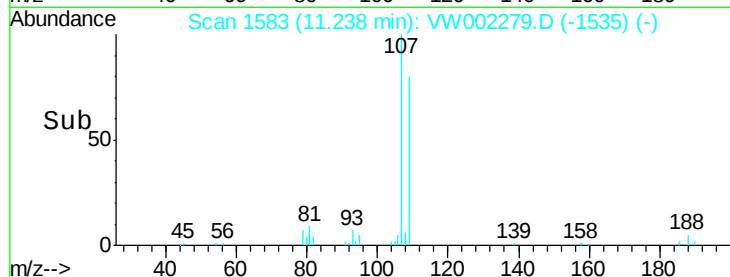
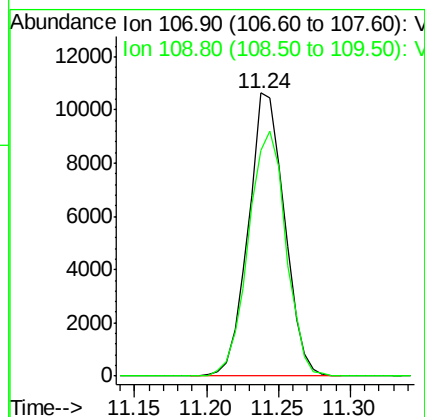
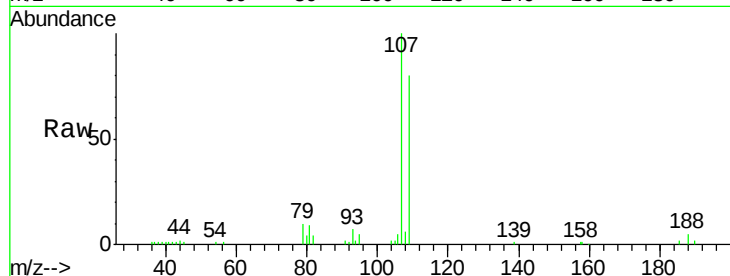
VSTDIC010

Tgt Ion: 107 Resp: 18438

Ion Ratio Lower Upper

107 100

109 89.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 9.21 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

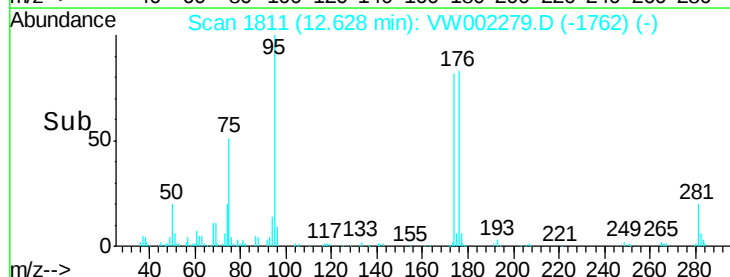
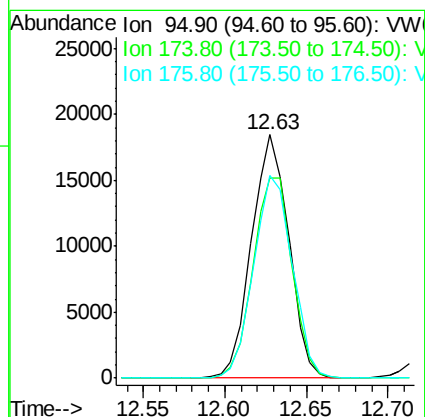
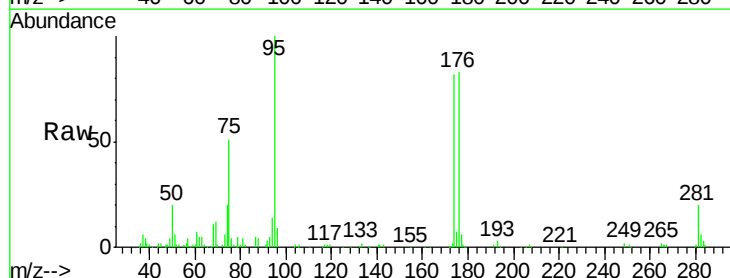
Tgt Ion: 95 Resp: 29330

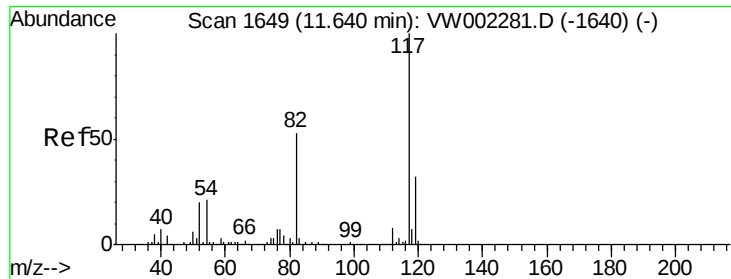
Ion Ratio Lower Upper

95 100

174 86.7 0.0 176.8

176 86.5 0.0 170.4

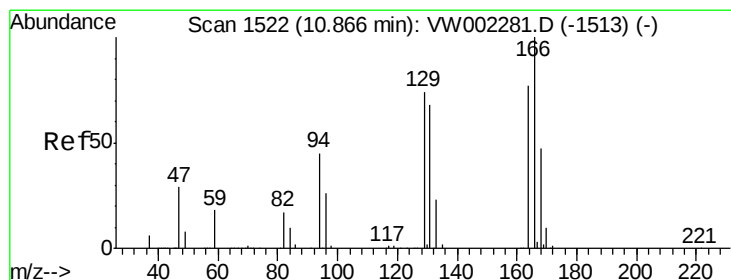
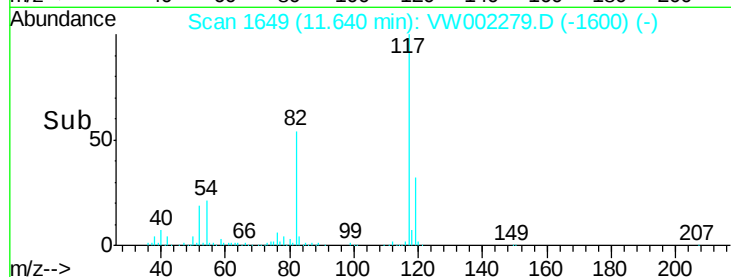
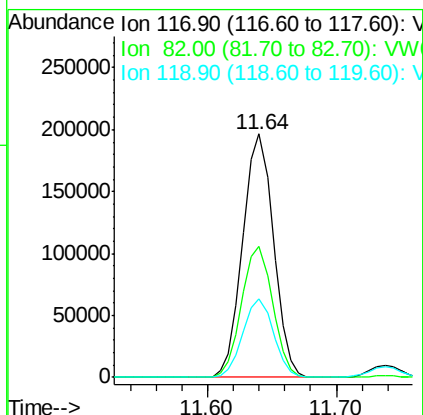
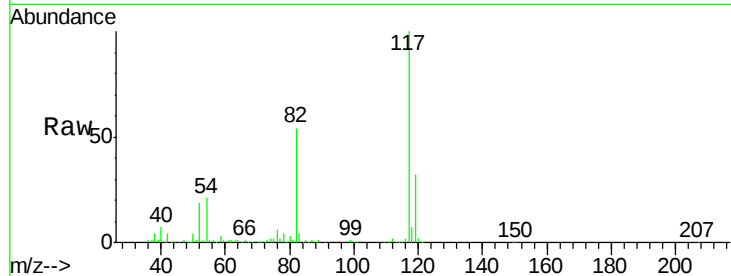




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

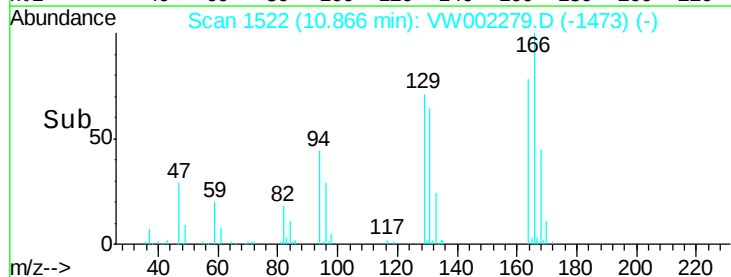
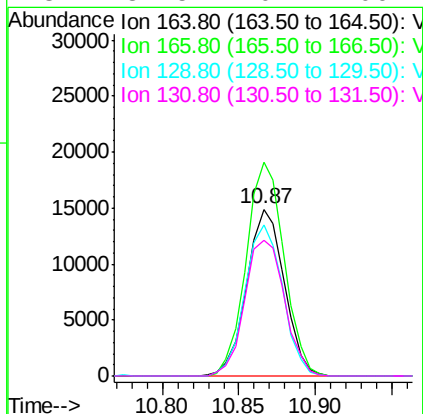
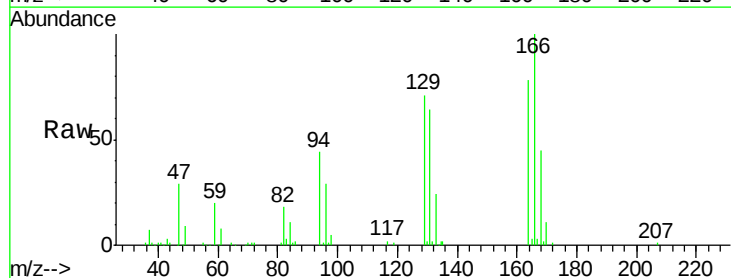
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

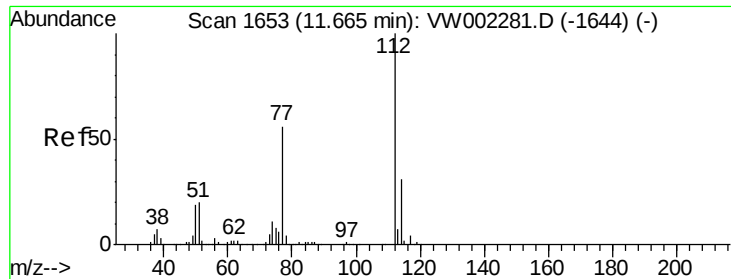
Tgt Ion:117 Resp: 325720
Ion Ratio Lower Upper
117 100
82 54.0 42.6 63.8
119 32.1 25.2 37.8



#64
Tetrachloroethene
Concen: 9.19 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

Tgt Ion:164 Resp: 25503
Ion Ratio Lower Upper
164 100
166 128.1 103.3 154.9
129 90.4 76.6 114.8
131 81.5 70.7 106.1

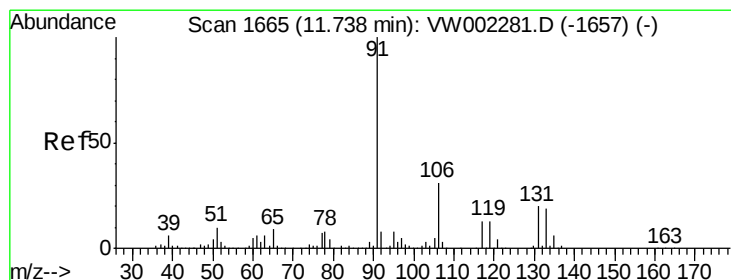
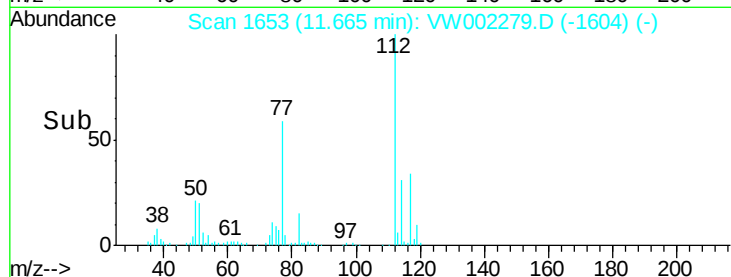
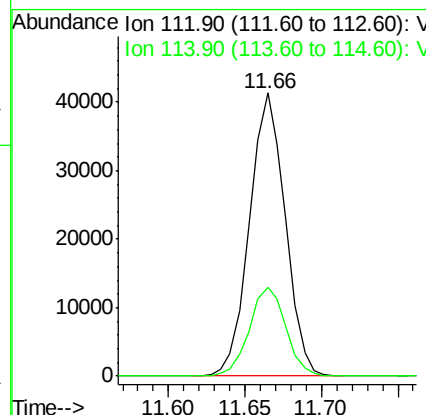
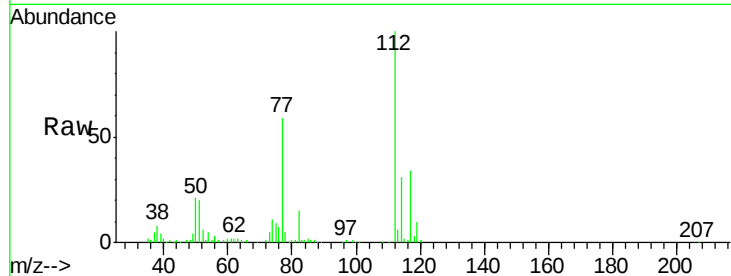




#65
Chlorobenzene
Concen: 9.68 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

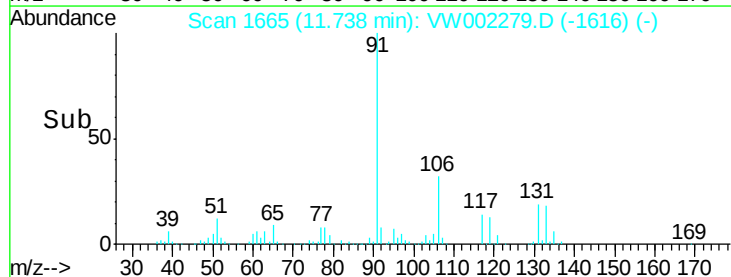
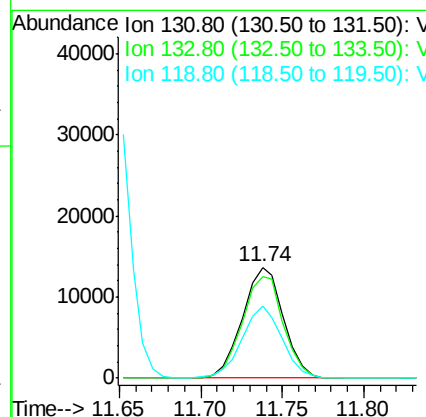
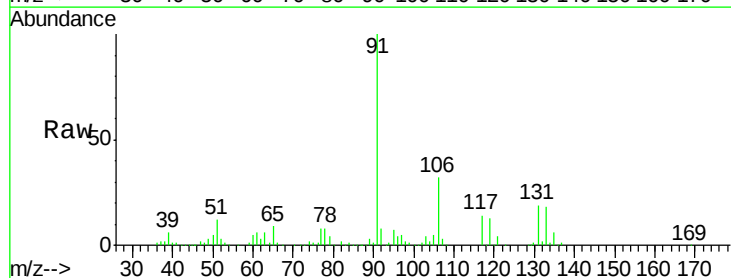
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

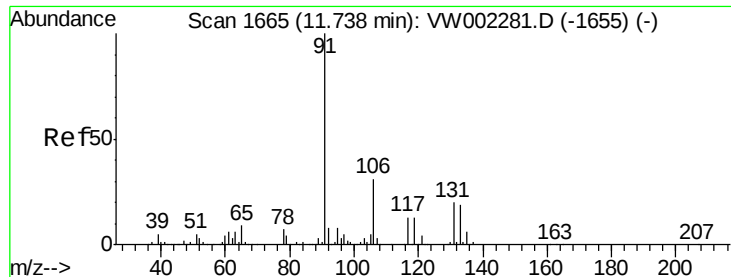
Tgt Ion:112 Resp: 67006
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 9.03 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

Tgt Ion:131 Resp: 23673
Ion Ratio Lower Upper
131 100
133 93.1 47.8 143.3
119 63.7 32.0 96.0

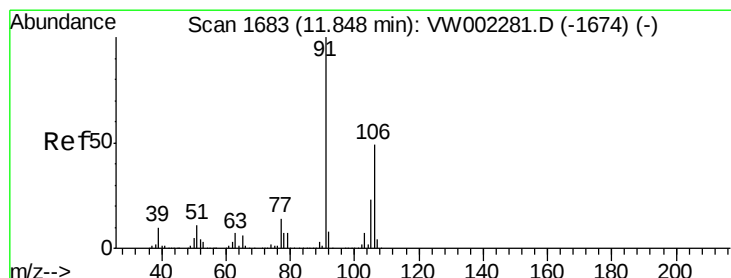
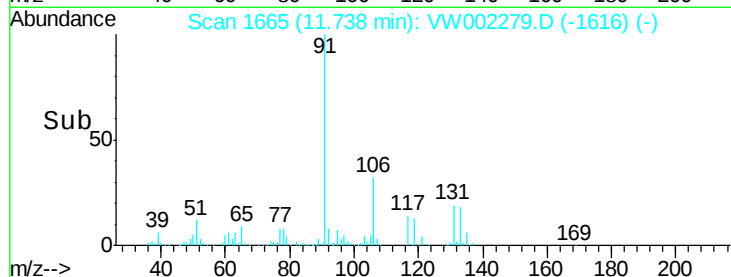
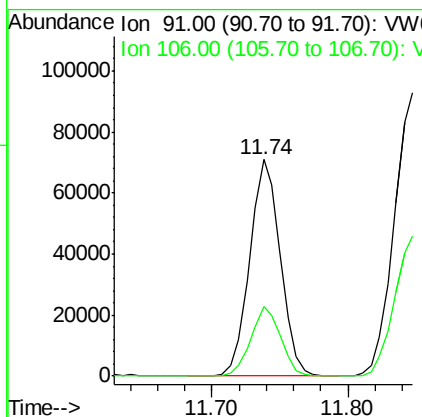
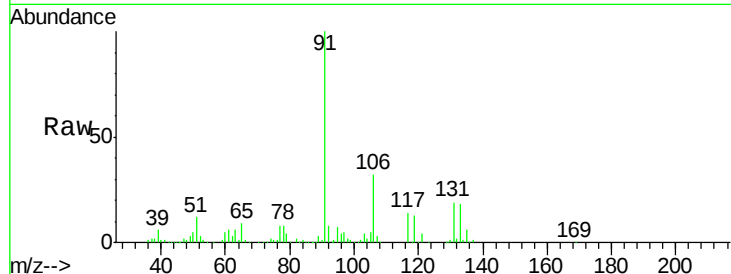




#67
Ethyl Benzene
Concen: 9.92 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

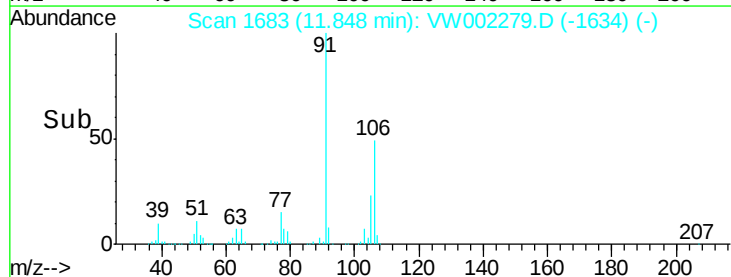
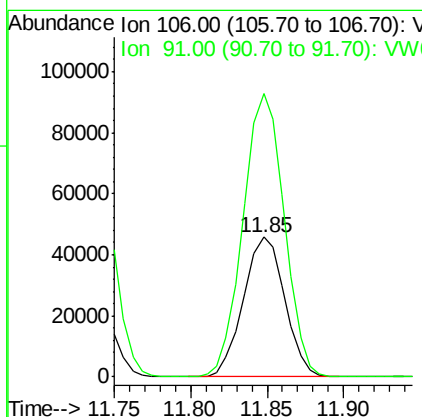
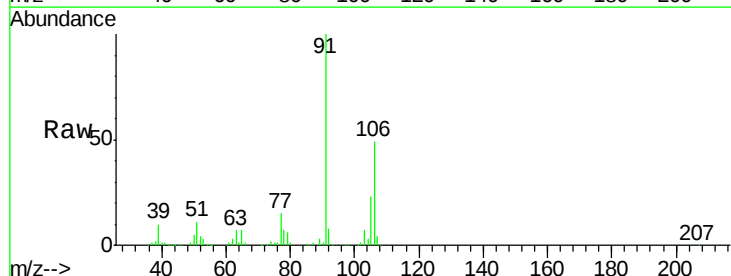
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

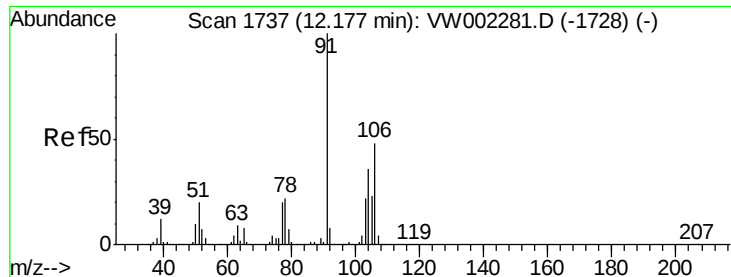
Tgt Ion: 91 Resp: 112070
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3



#68
m/p-Xylenes
Concen: 18.95 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

Tgt Ion: 106 Resp: 86160
Ion Ratio Lower Upper
106 100
91 201.9 161.4 242.0

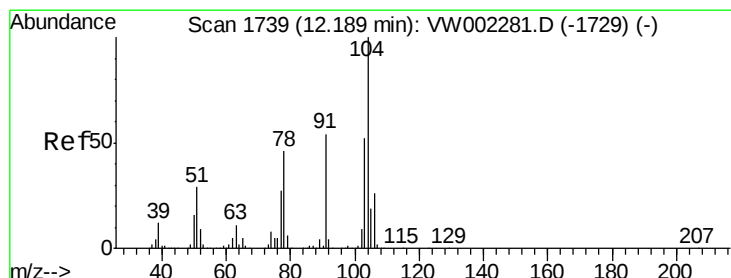
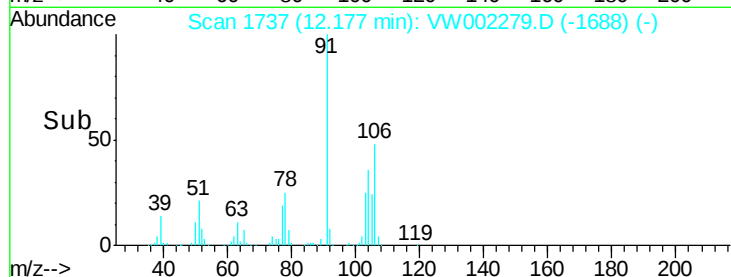
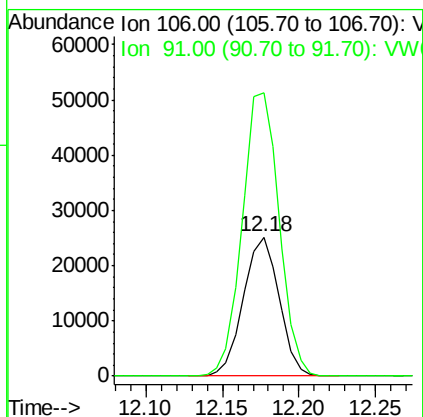
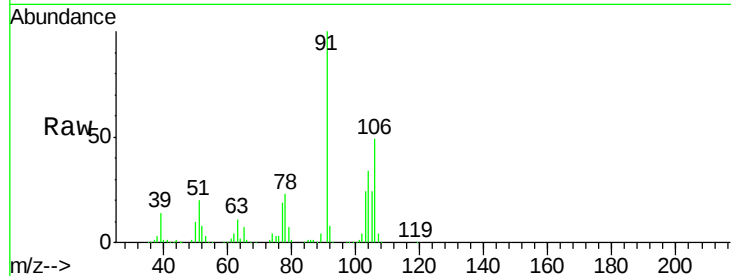




#69
o-Xylene
Concen: 10.02 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

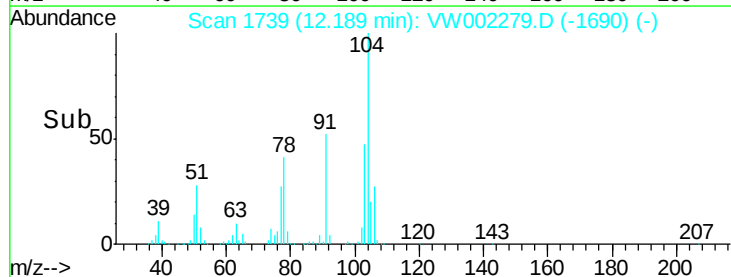
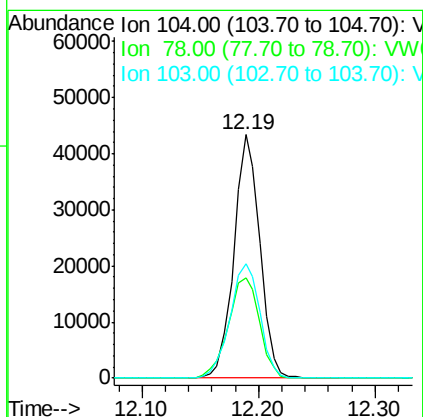
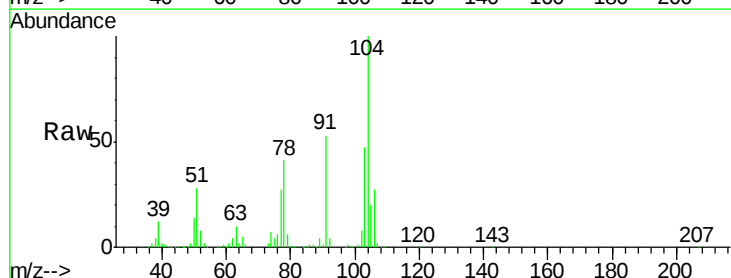
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

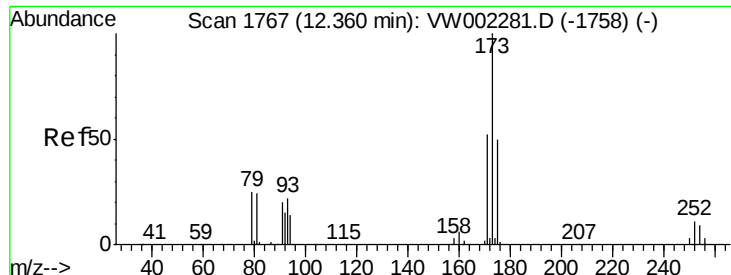
Tgt Ion:106 Resp: 41014
Ion Ratio Lower Upper
106 100
91 209.8 107.1 321.1



#70
Styrene
Concen: 9.88 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

Tgt Ion:104 Resp: 67299
Ion Ratio Lower Upper
104 100
78 49.5 39.6 59.4
103 54.2 44.4 66.6





#71

Bromoform

Concen: 9.08 ug/l

RT: 12.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

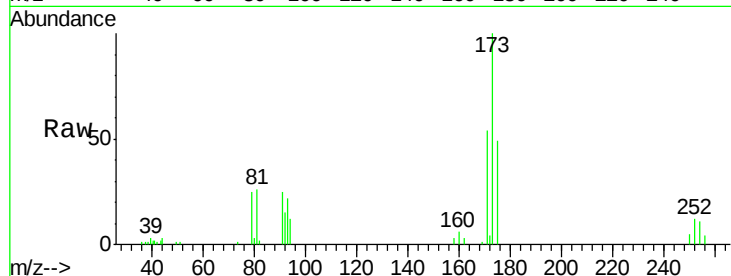
Tgt Ion:173 Resp: 13102

Ion Ratio Lower Upper

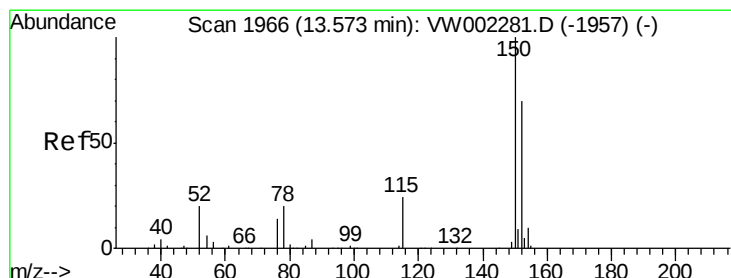
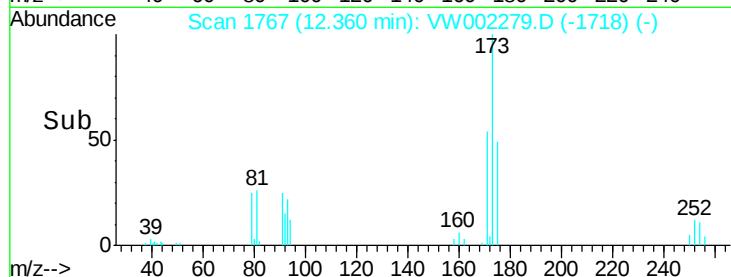
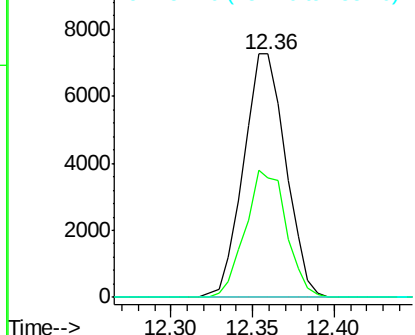
173 100

175 50.4 24.3 72.9

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1966

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

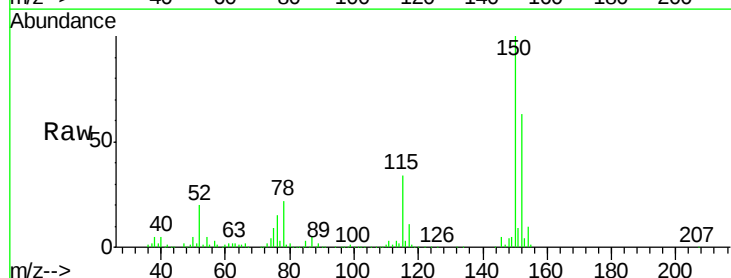
Tgt Ion:152 Resp: 175818

Ion Ratio Lower Upper

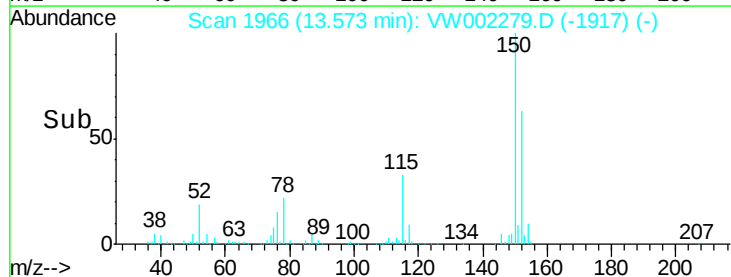
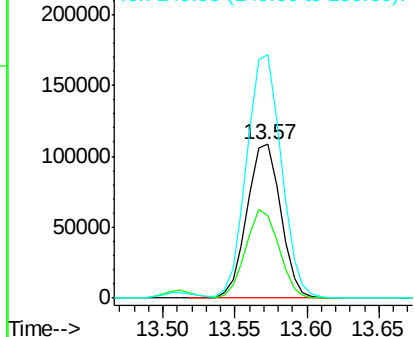
152 100

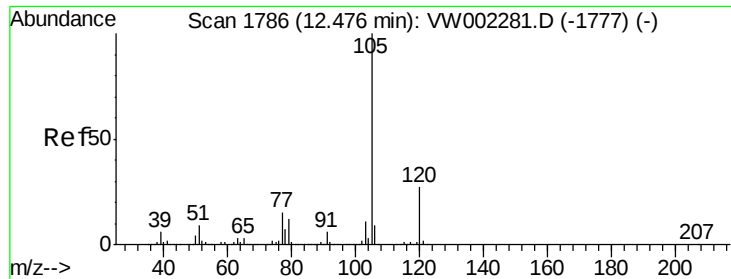
115 56.6 28.5 85.5

150 162.4 0.0 342.6



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: 10.15 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

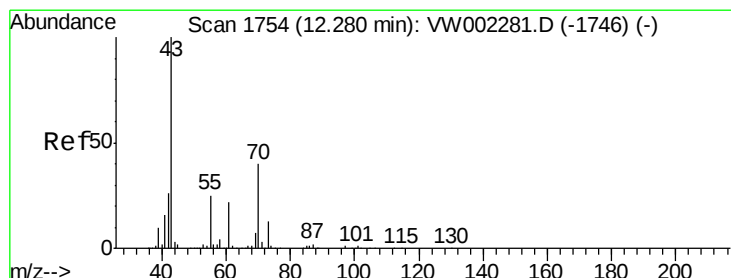
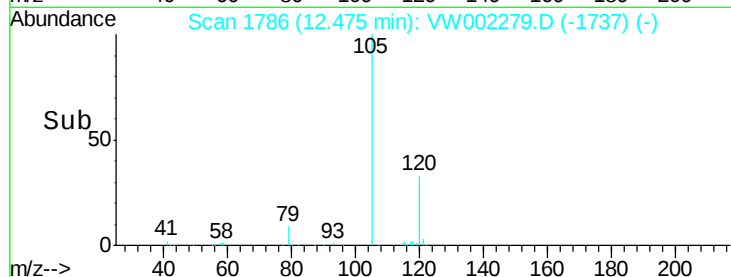
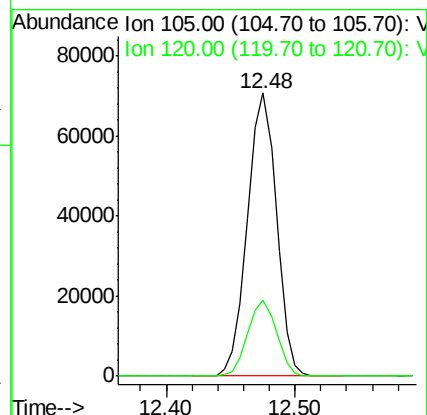
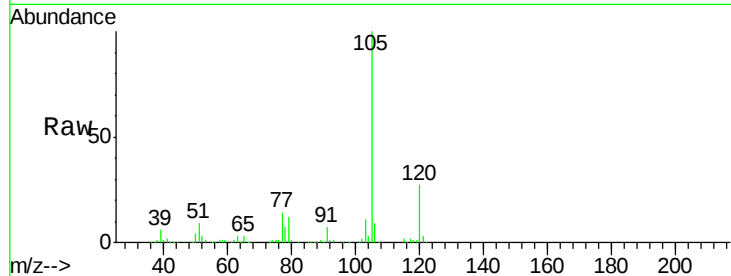
VSTDIC010

Tgt Ion: 105 Resp: 110355

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 14.66 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Tgt Ion: 43 Resp: 25836

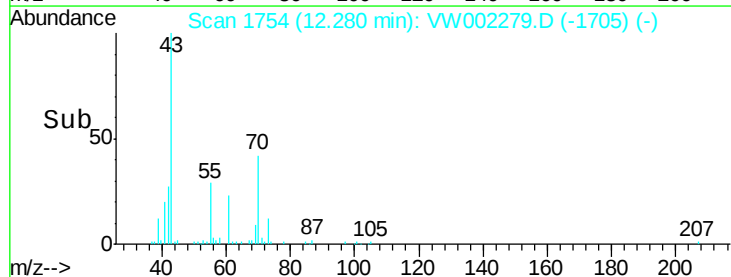
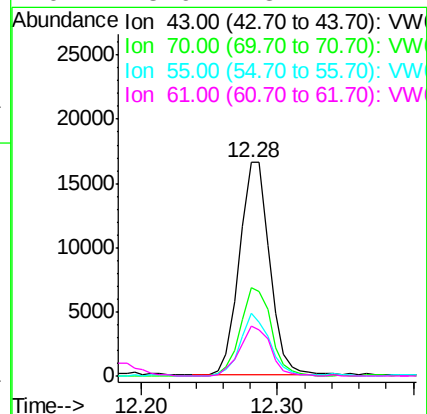
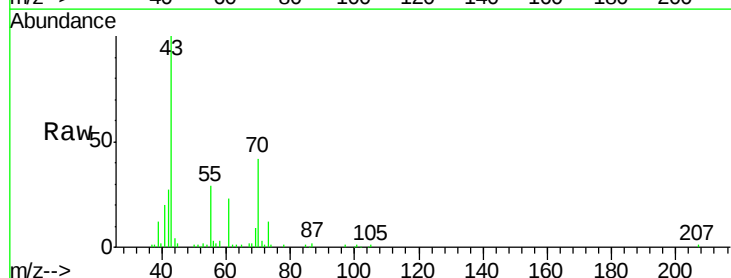
Ion Ratio Lower Upper

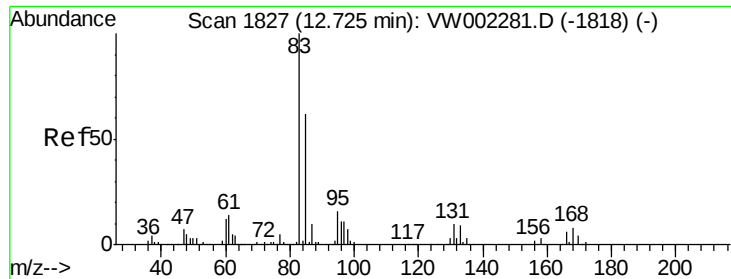
43 100

70 42.2 31.9 47.9

55 28.7 19.9 29.9

61 23.9 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 13.60 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

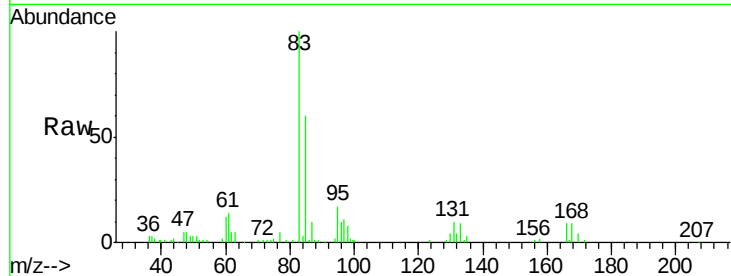
Tgt Ion: 83 Resp: 22530

Ion Ratio Lower Upper

83 100

131 11.4 5.5 16.5

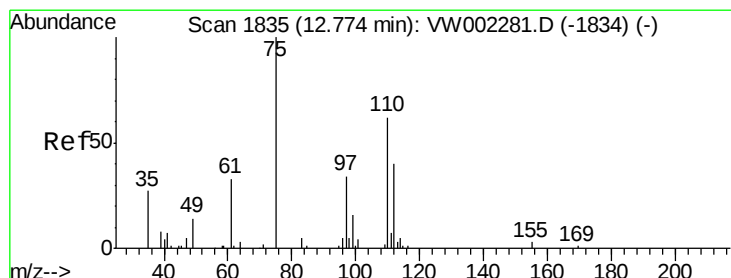
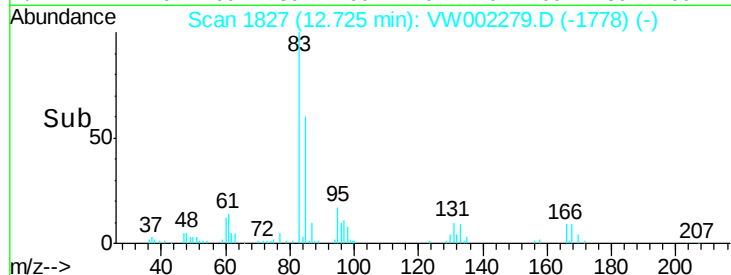
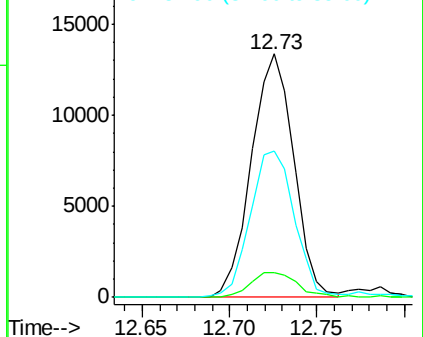
85 62.4 31.5 94.5



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: 22.82 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VW002279.D

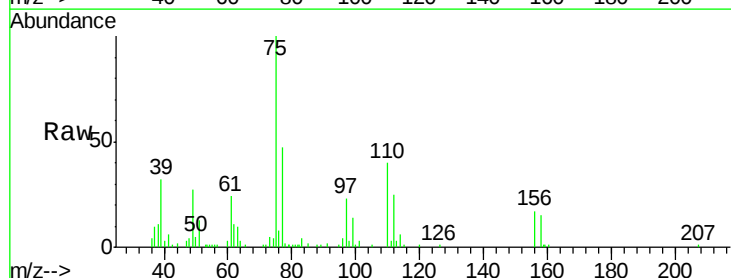
Acq: 08 May 2018 00:11

Tgt Ion: 75 Resp: 27156

Ion Ratio Lower Upper

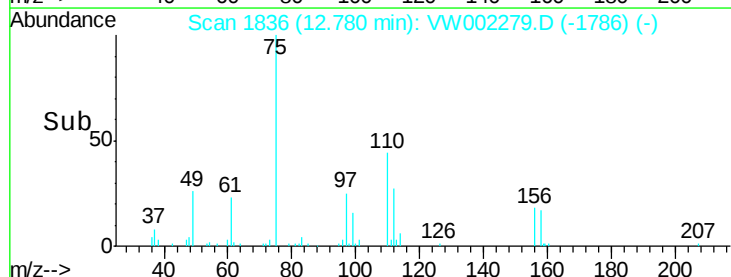
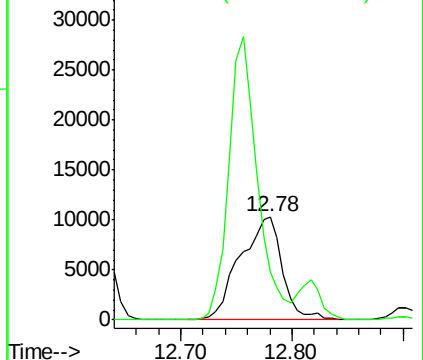
75 100

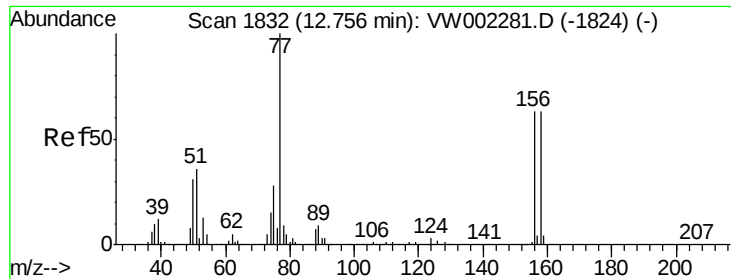
77 0.0 187.5 562.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 9.91 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

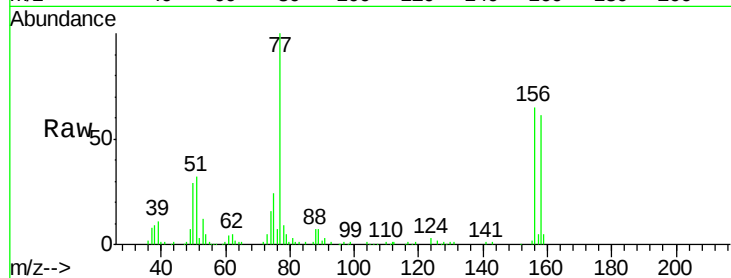
Tgt Ion:156 Resp: 28196

Ion Ratio Lower Upper

156 100

77 180.1 87.7 263.1

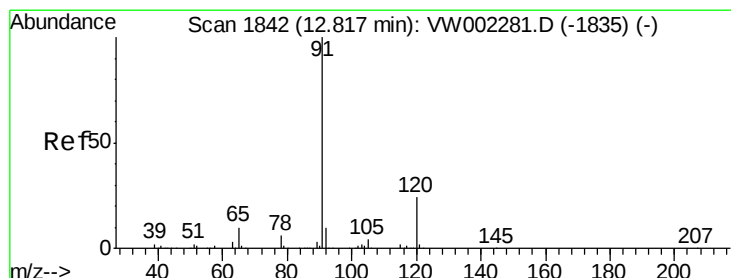
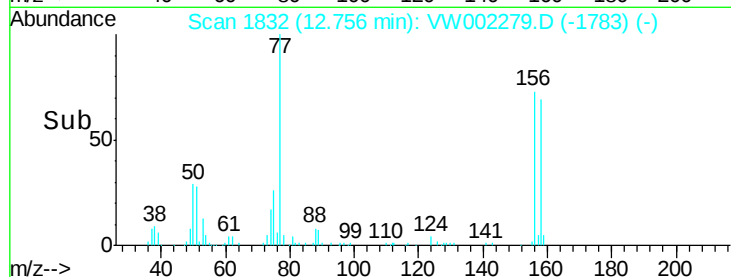
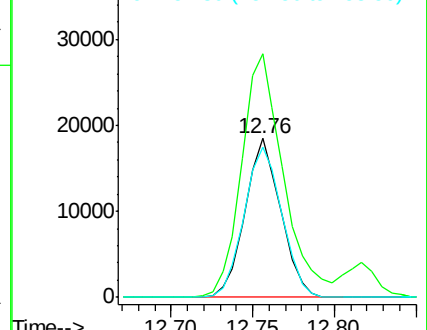
158 100.3 48.6 145.8



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: 10.32 ug/l

RT: 12.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VW002279.D

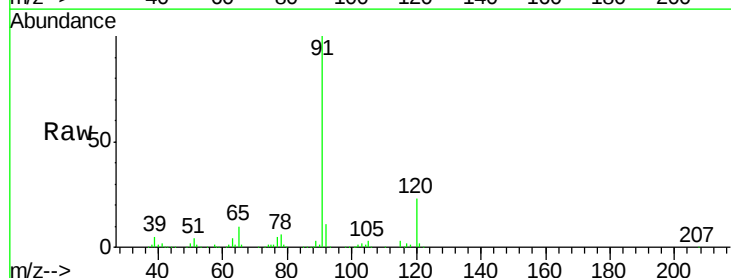
Acq: 08 May 2018 00:11

Tgt Ion: 91 Resp: 131225

Ion Ratio Lower Upper

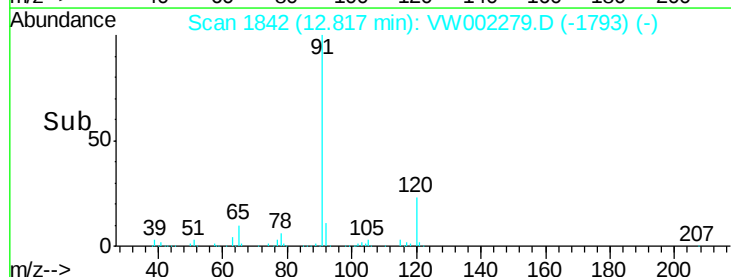
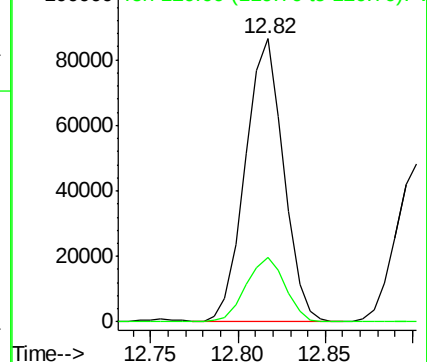
91 100

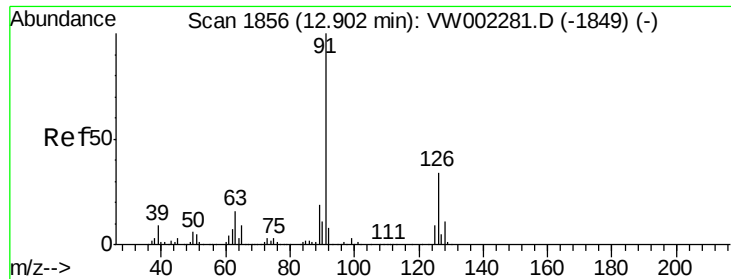
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.26 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

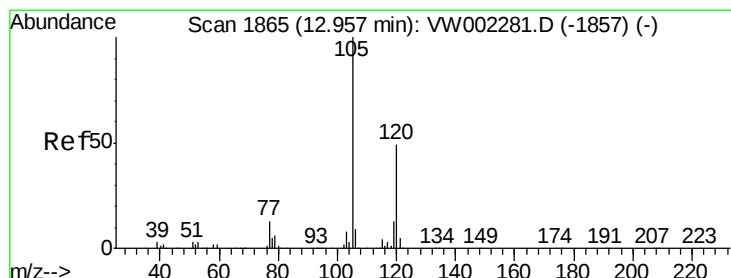
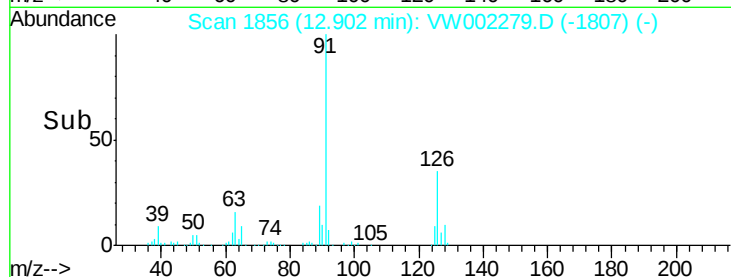
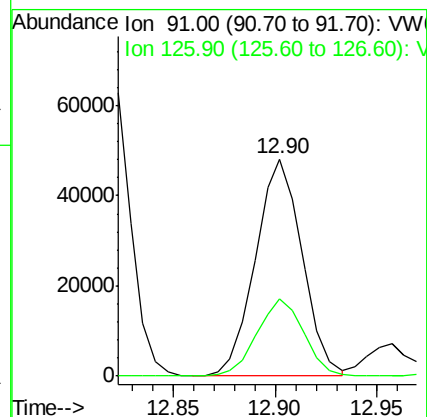
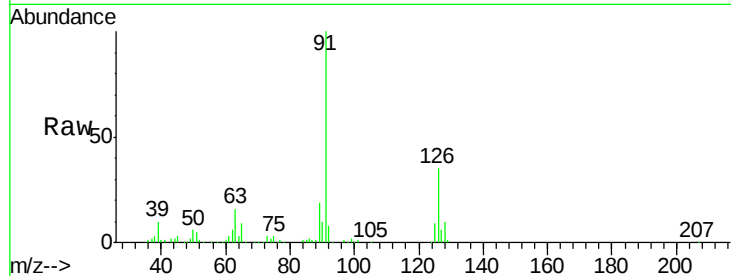
VSTDIC010

Tgt Ion: 91 Resp: 76628

Ion Ratio Lower Upper

91 100

126 35.9 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 9.83 ug/l

RT: 12.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VW002279.D

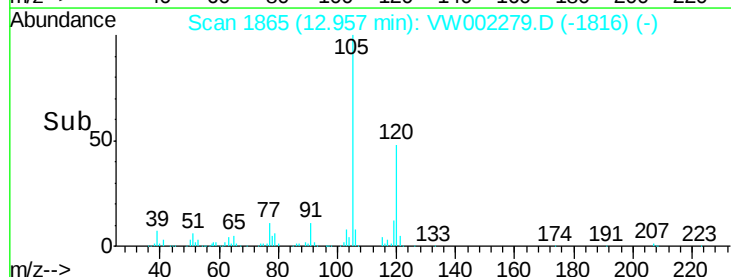
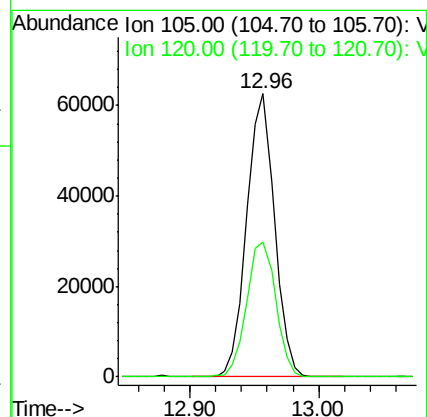
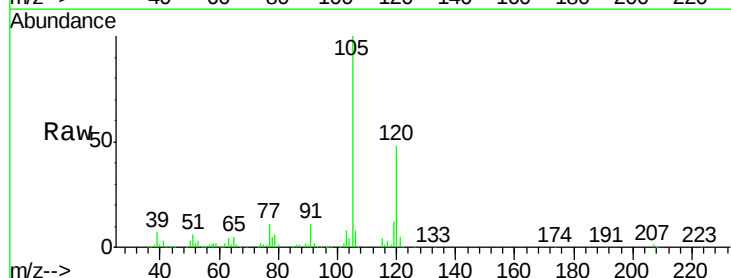
Acq: 08 May 2018 00:11

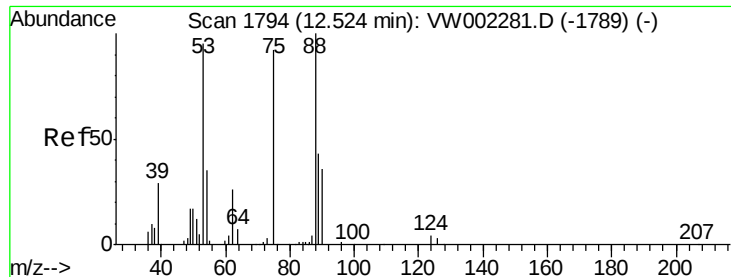
Tgt Ion: 105 Resp: 93320

Ion Ratio Lower Upper

105 100

120 50.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 12.07 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

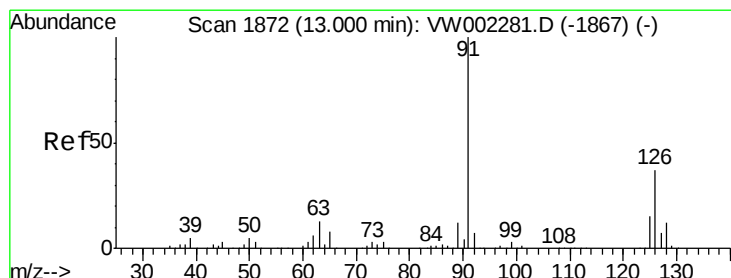
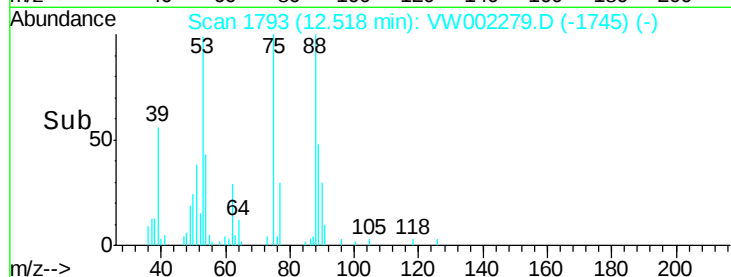
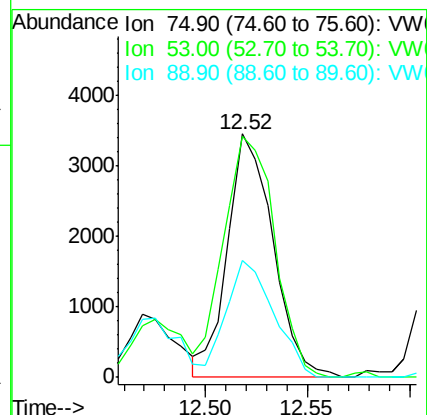
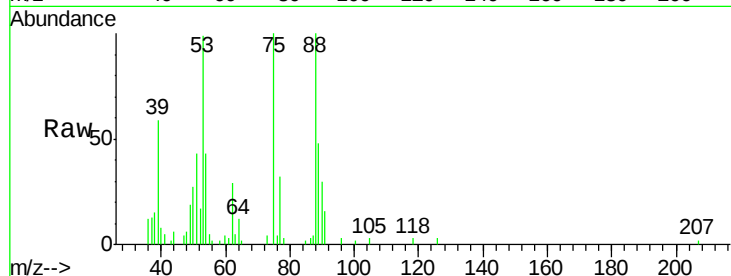
Tgt Ion: 75 Resp: 5346

Ion Ratio Lower Upper

75 100

53 111.6 79.9 119.9

89 49.7 37.6 56.4



#82

4-Chlorotoluene

Concen: 9.71 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VW002279.D

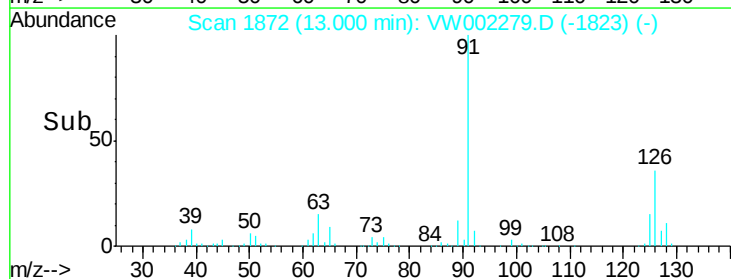
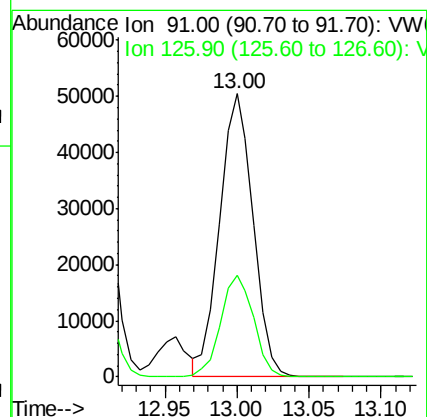
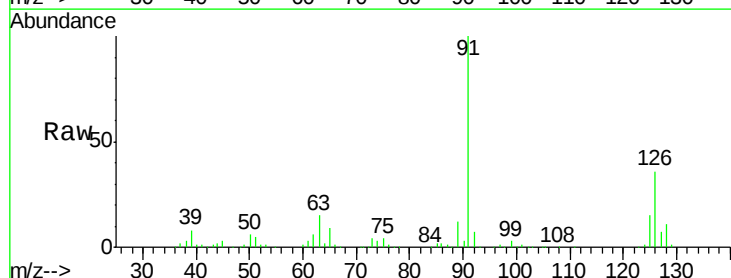
Acq: 08 May 2018 00:11

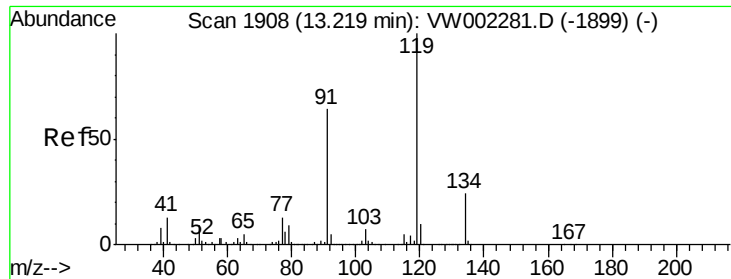
Tgt Ion: 91 Resp: 81768

Ion Ratio Lower Upper

91 100

126 35.6 17.4 52.3

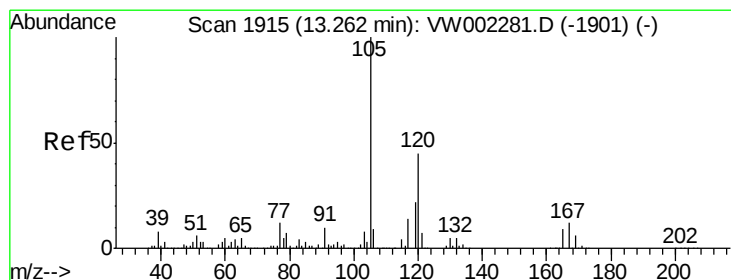
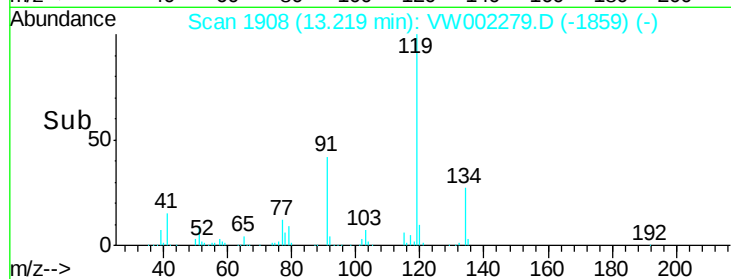
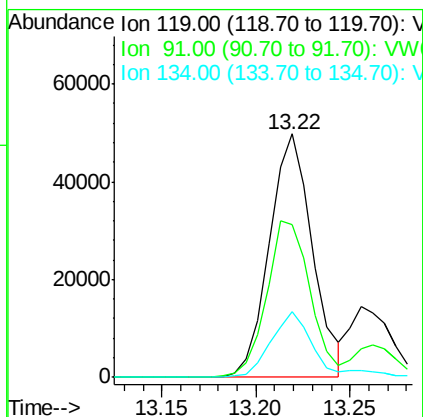
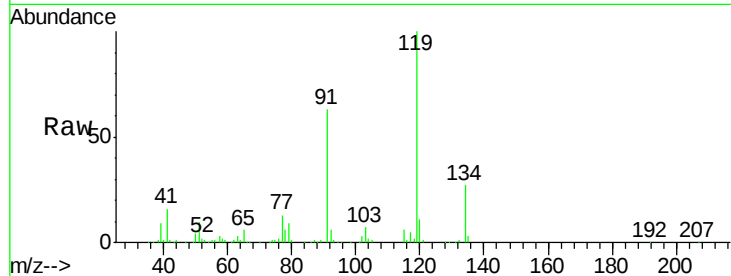




#83
 tert-Butylbenzene
 Concen: 9.49 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VW002279.D
 Acq: 08 May 2018 00:11

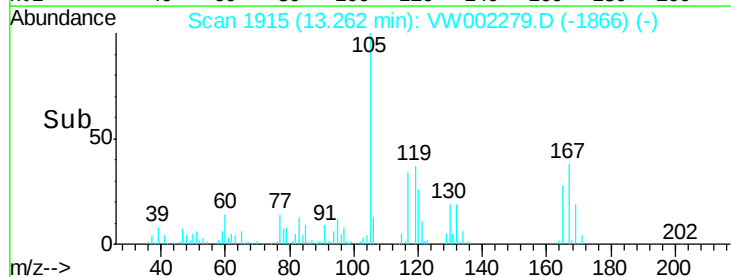
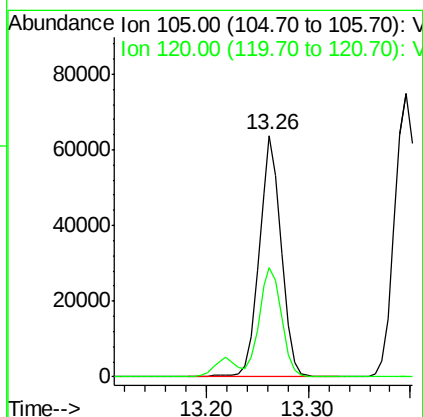
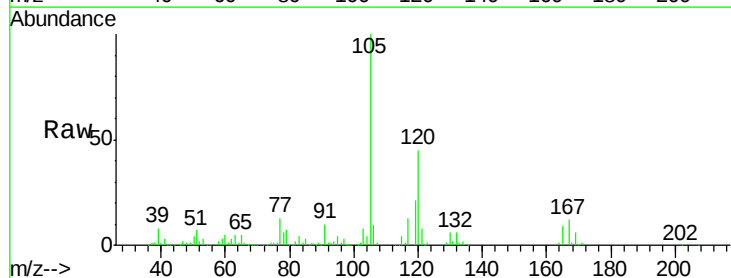
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

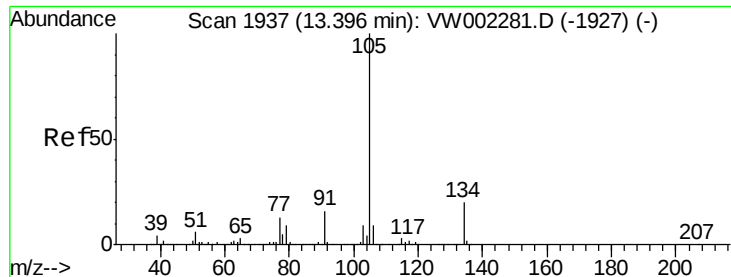
Tgt Ion:119 Resp: 79056
 Ion Ratio Lower Upper
 119 100
 91 64.7 31.6 94.8
 134 25.4 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 9.81 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW002279.D
 Acq: 08 May 2018 00:11

Tgt Ion:105 Resp: 95696
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.5 67.5





#85

sec-Butylbenzene

Concen: 9.90 ug/l

RT: 13.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

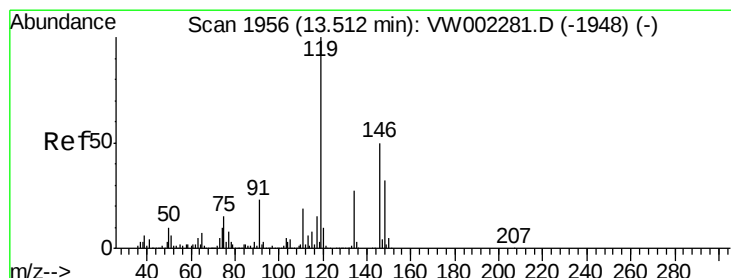
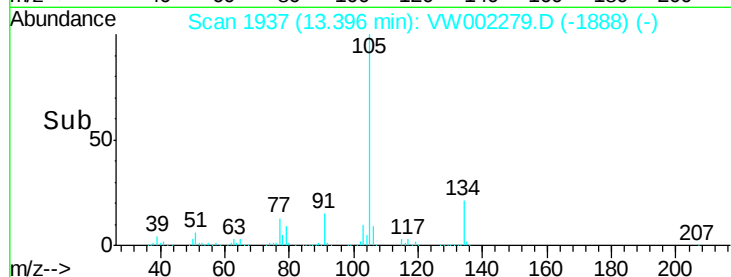
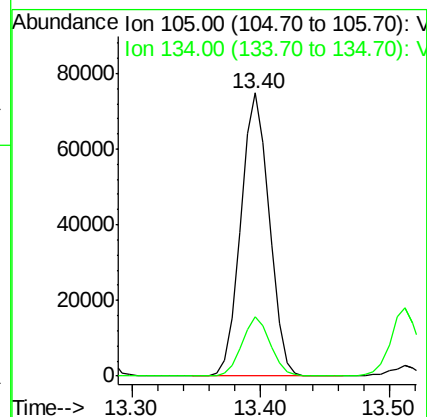
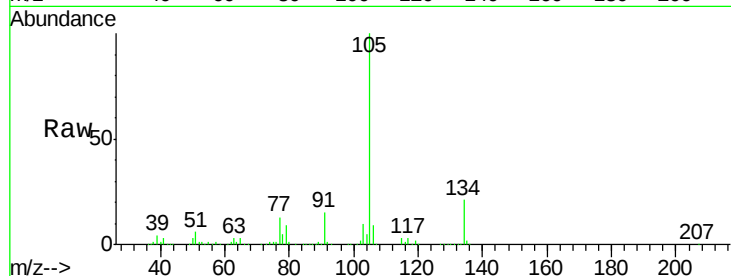
VSTDIC010

Tgt Ion:105 Resp: 114391

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.8



#86

p-Isopropyltoluene

Concen: 9.36 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

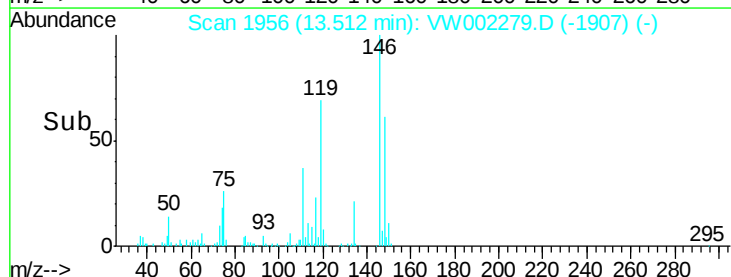
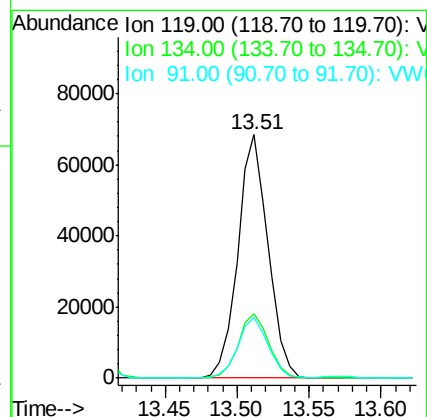
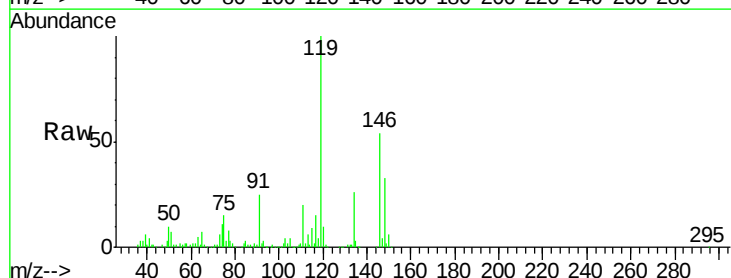
Tgt Ion:119 Resp: 99503

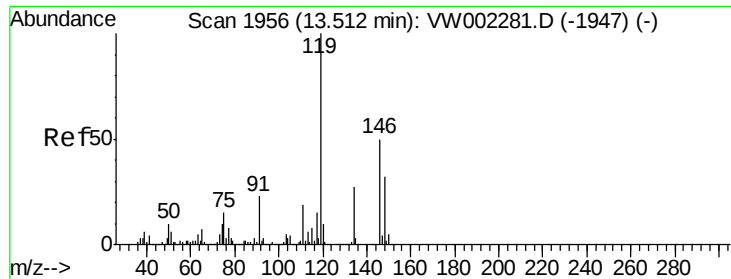
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 25.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 9.70 ug/l

RT: 13.51 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

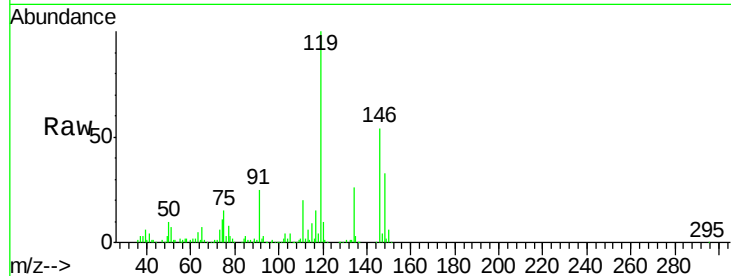
Tgt Ion:146 Resp: 56554

Ion Ratio Lower Upper

146 100

111 39.2 19.3 57.8

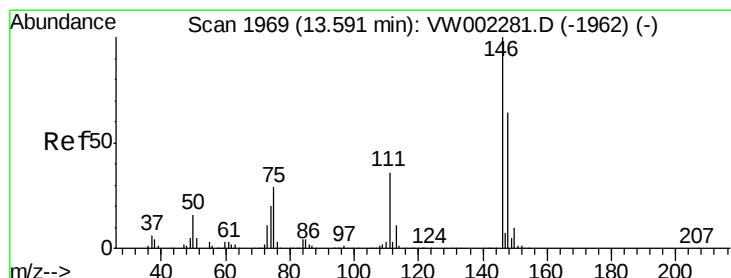
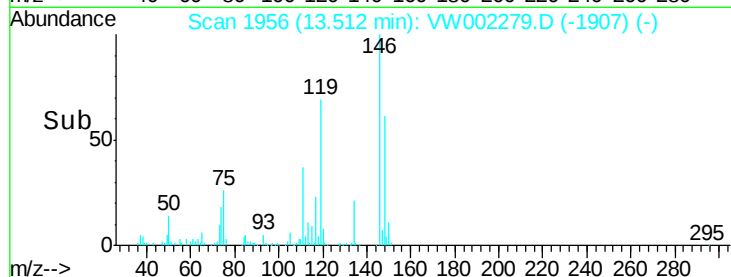
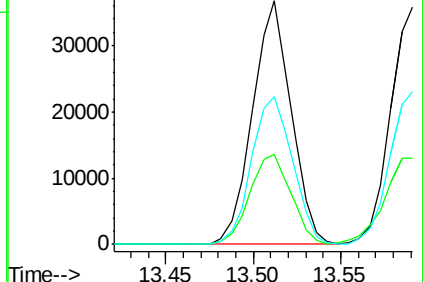
148 64.2 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 9.93 ug/l

RT: 13.59 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

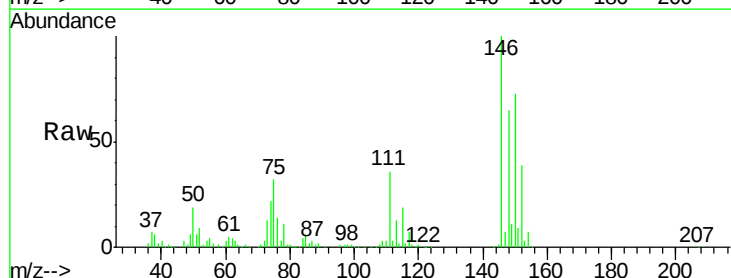
Tgt Ion:146 Resp: 57751

Ion Ratio Lower Upper

146 100

111 41.3 19.0 57.0

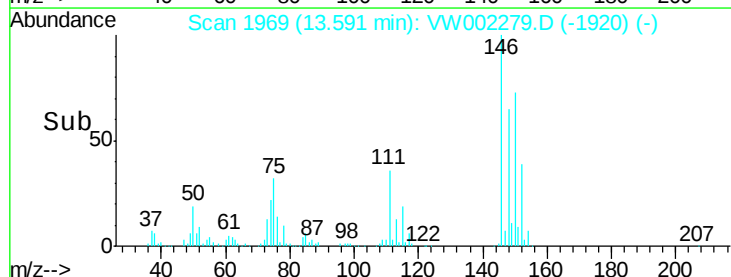
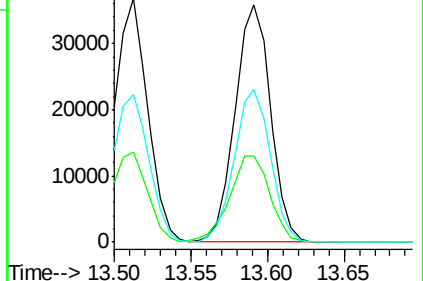
148 65.8 32.3 96.9

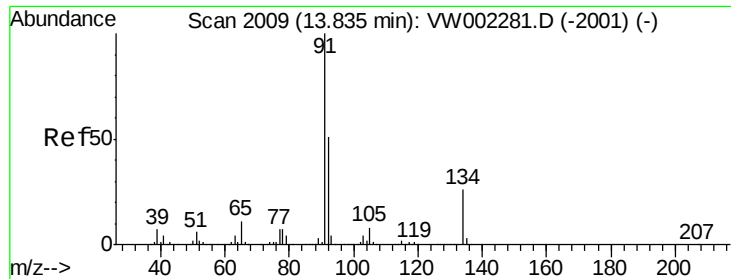


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 9.82 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW002279.D

Acq: 08 May 2018 00:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

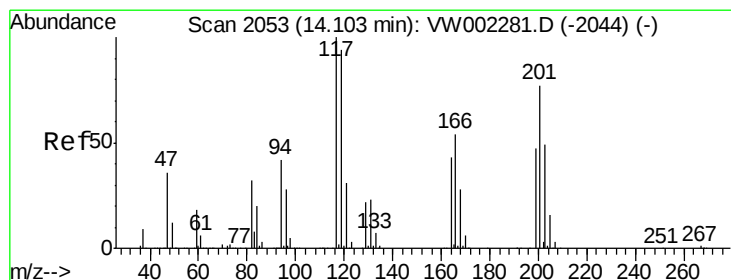
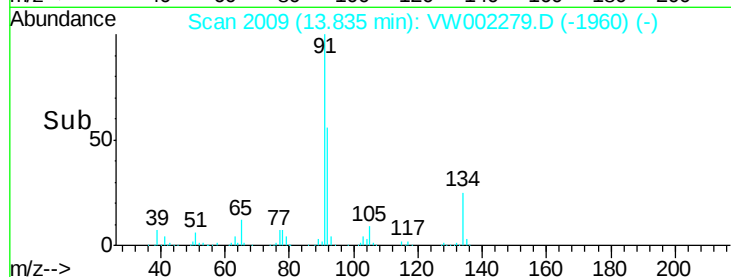
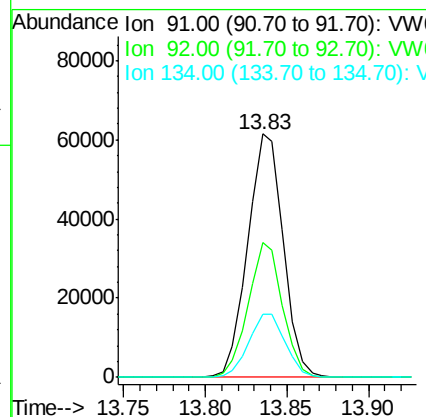
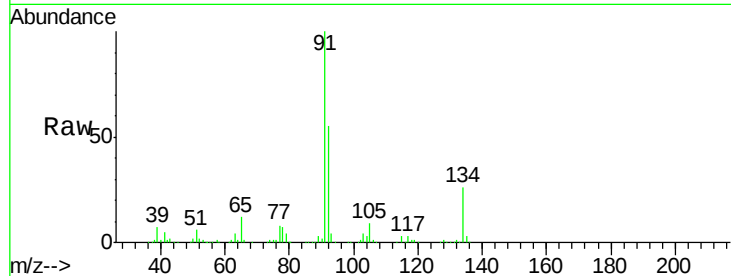
Tgt Ion: 91 Resp: 93415

Ion Ratio Lower Upper

91 100

92 53.5 25.9 77.8

134 26.7 13.1 39.1



#90

Hexachloroethane

Concen: 8.94 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW002279.D

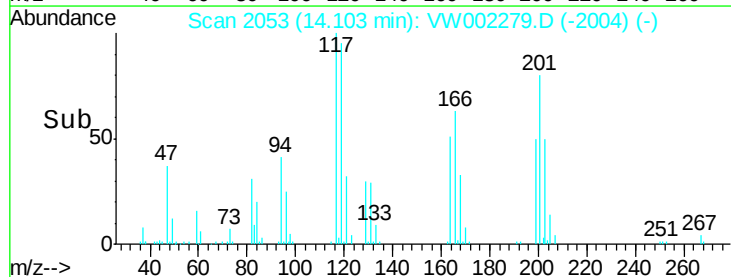
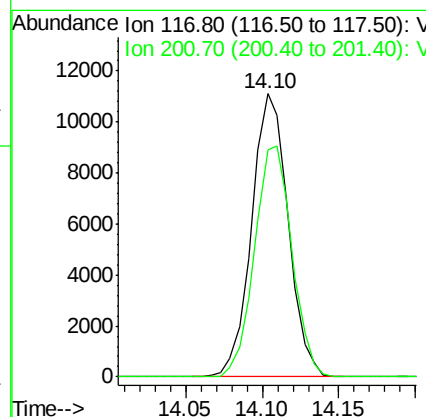
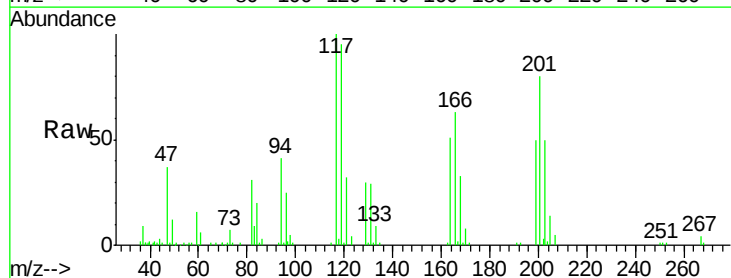
Acq: 08 May 2018 00:11

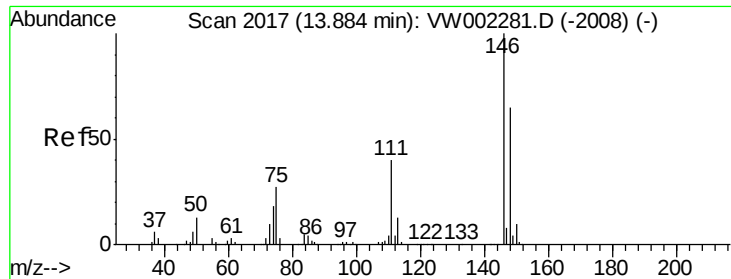
Tgt Ion: 117 Resp: 18431

Ion Ratio Lower Upper

117 100

201 83.6 42.2 126.6

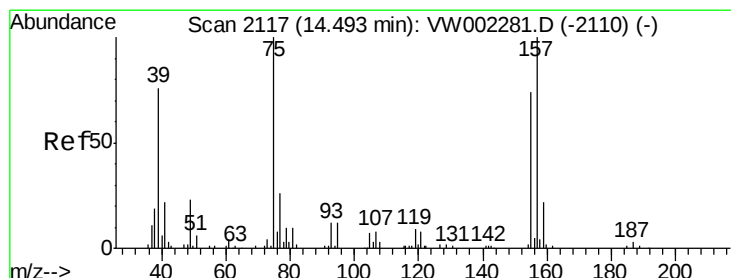
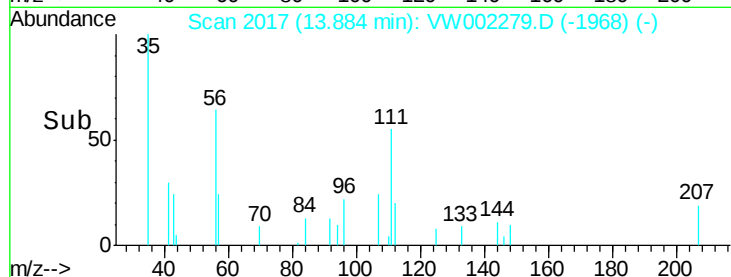
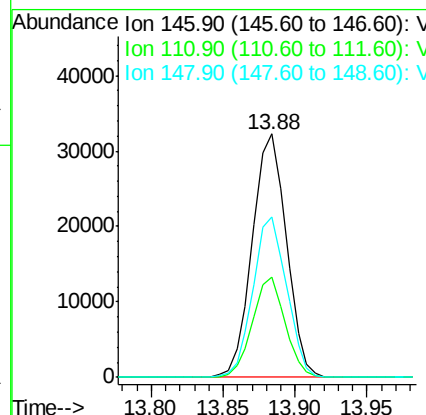
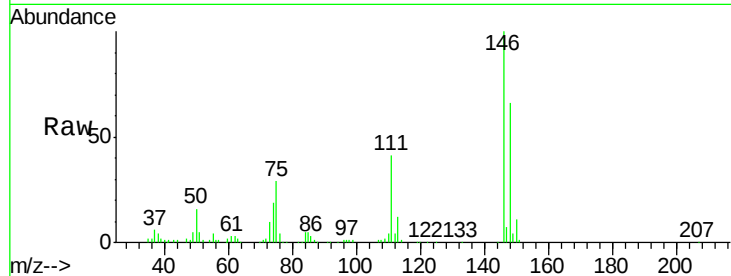




#91
 1,2-Dichlorobenzene
 Concen: 10.38 ug/l
 RT: 13.88 min Scan# 2017
 Delta R.T. -0.00 min
 Lab File: VW002279.D
 Acq: 08 May 2018 00:11

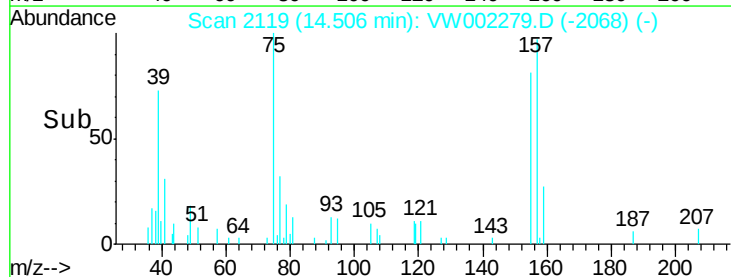
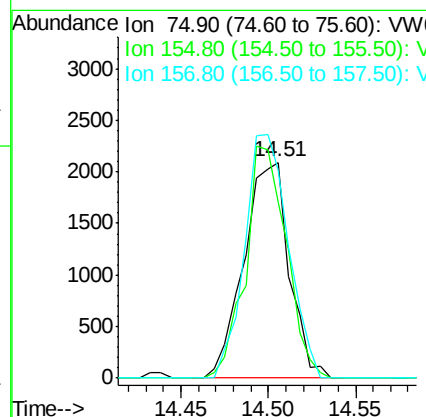
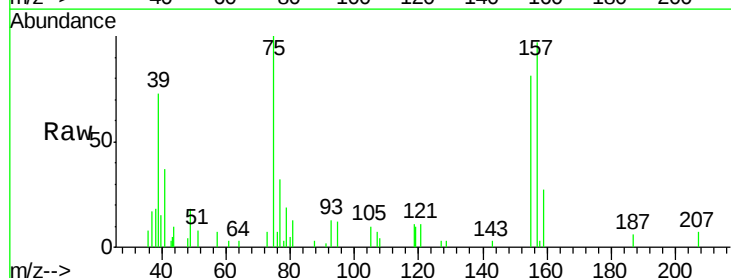
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

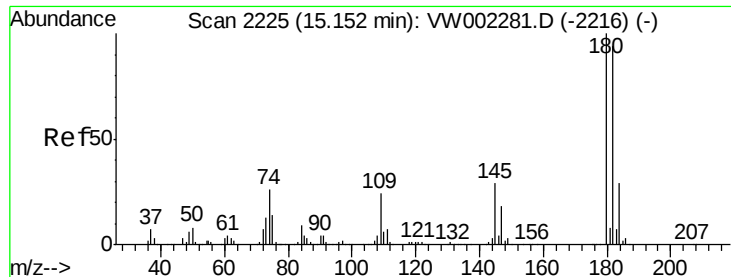
Tgt Ion:146 Resp: 52853
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.0 59.9
 148 64.9 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 12.16 ug/l
 RT: 14.51 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VW002279.D
 Acq: 08 May 2018 00:11

Tgt Ion: 75 Resp: 3773
 Ion Ratio Lower Upper
 75 100
 155 96.6 43.3 129.8
 157 108.3 55.8 167.4

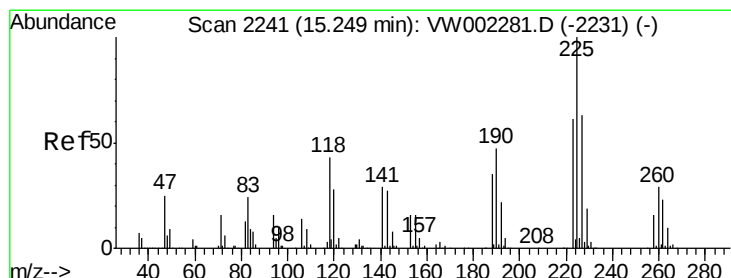
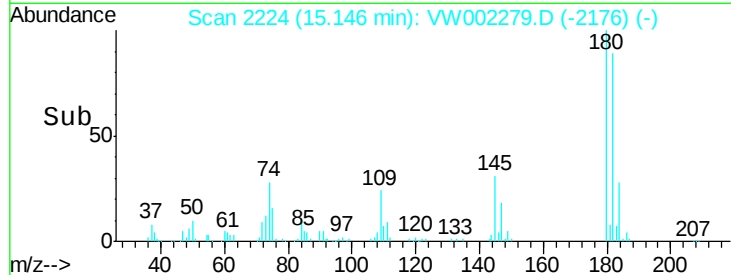
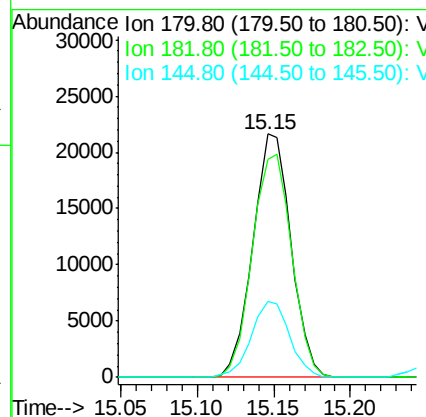
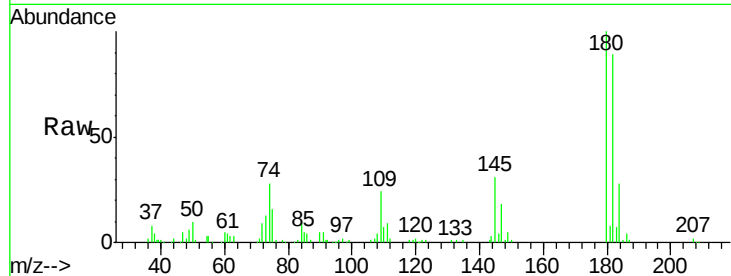




#93
 1,2,4-Trichlorobenzene
 Concen: 10.10 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: VW002279.D
 Acq: 08 May 2018 00:11

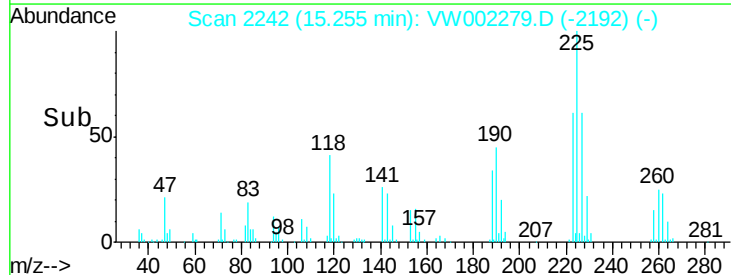
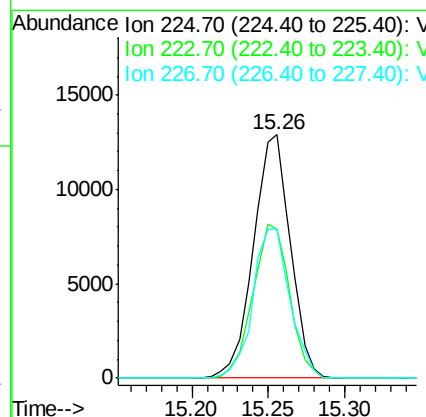
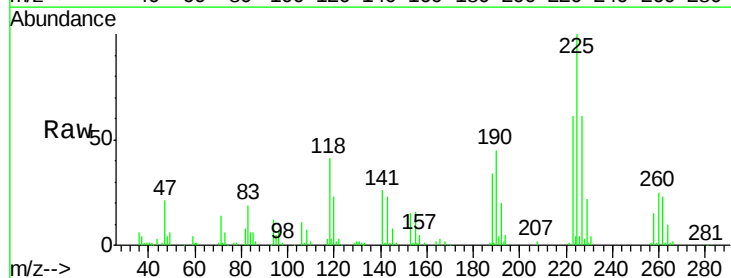
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

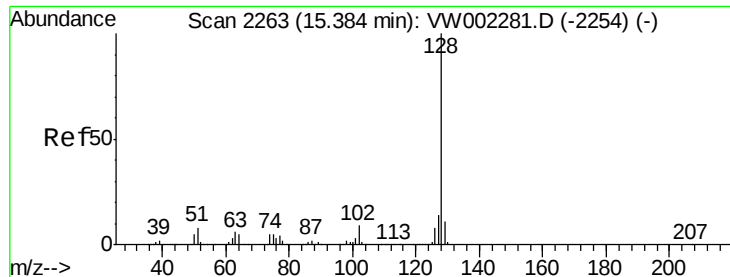
Tgt Ion:180 Resp: 37589
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 141.8
 145 31.5 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 8.36 ug/l
 RT: 15.26 min Scan# 2242
 Delta R.T. 0.01 min
 Lab File: VW002279.D
 Acq: 08 May 2018 00:11

Tgt Ion:225 Resp: 21681
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.9 92.7
 227 61.6 32.0 96.0

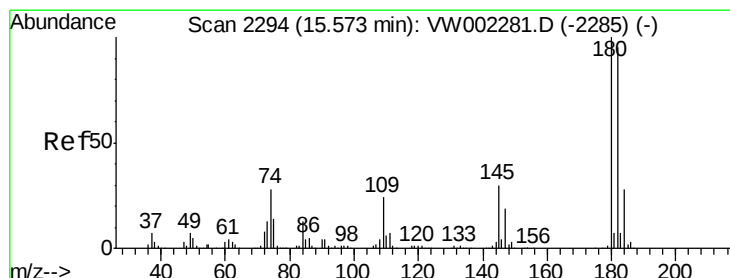
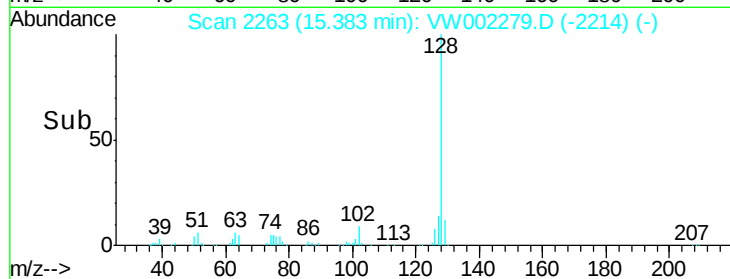
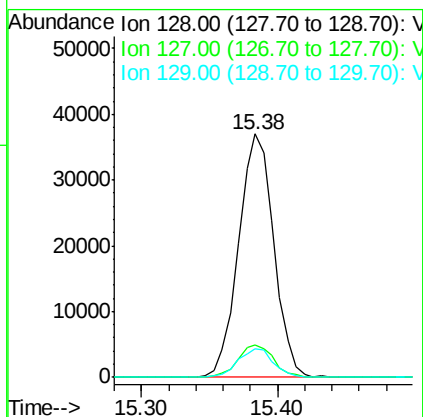
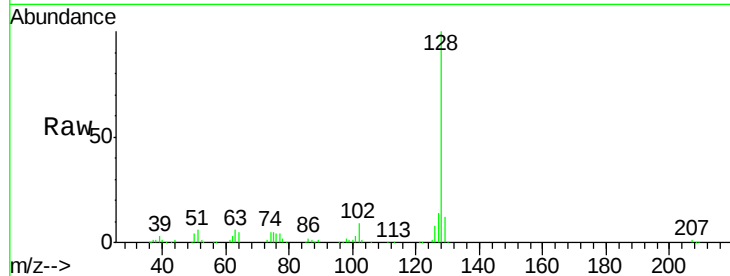




#95
Naphthalene
Concen: 12.04 ug/l
RT: 15.38 min Scan# 2263
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 66832
Ion Ratio Lower Upper
128 100
127 13.6 11.0 16.4
129 11.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 10.98 ug/l
RT: 15.57 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VW002279.D
Acq: 08 May 2018 00:11

Tgt Ion:180 Resp: 34923
Ion Ratio Lower Upper
180 100
182 94.8 48.0 144.0
145 30.0 15.7 47.0

