

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011172.D
 Acq On : 30 Jul 2019 02:43
 Operator : JC/SP
 Sample : K4021-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9

Quant Time: Jul 30 05:14:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	177355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	288651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	286693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131303	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	99850	52.92	ug/l	0.00
Spiked Amount			Recovery	=	105.84%	
35) Dibromofluoromethane	5.50	113	92325	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
50) Toluene-d8	8.71	98	361976	52.68	ug/l	0.00
Spiked Amount			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	11.13	95	126564	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	

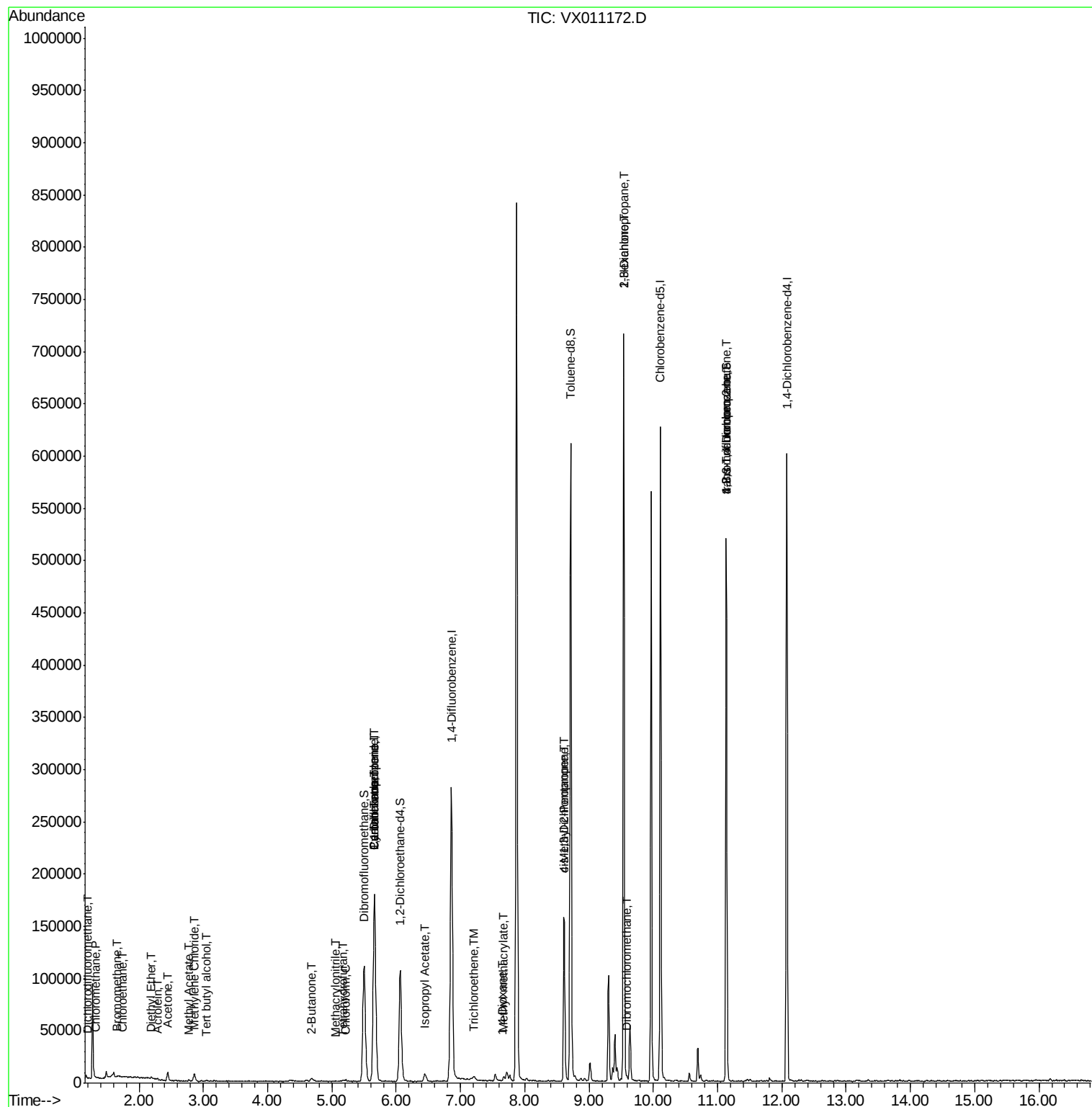
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	29	0.562	ug/l #	29
3) Chloromethane	1.32	50	398	0.244	ug/l #	71
5) Bromomethane	1.66	94	679	0.724	ug/l	90
6) Chloroethane	1.75	64	262	0.248	ug/l #	74
8) Diethyl Ether	2.19	74	390	0.402	ug/l #	40
11) Tert butyl alcohol	3.06	59	858	1.953	ug/l #	70
13) Acrolein	2.29	56	251	0.989	ug/l	98
16) Acetone	2.45	43	8596	10.087	ug/l	96
18) Methyl Acetate	2.78	43	1363	0.702	ug/l #	86
20) Methylene Chloride	2.86	84	3416	1.892	ug/l	94
25) 2-Butanone	4.68	43	4426	3.618	ug/l #	84
29) Tetrahydrofuran	5.16	42	861	1.111	ug/l #	69
30) Chloroform	5.21	83	1533	0.505	ug/l #	83
31) Cyclohexane	5.65	56	3544	1.383	ug/l #	20
36) 1,1-Dichloropropene	5.66	75	12399	5.229	ug/l #	49
38) Carbon Tetrachloride	5.67	117	16962	6.865	ug/l #	19
41) Methacrylonitrile	5.05	41	306	0.222	ug/l #	34
43) Isopropyl Acetate	6.45	43	11258	2.820	ug/l	98
44) Trichloroethene	7.21	130	1252	0.582	ug/l	69
48) Methyl methacrylate	7.68	41	5194	2.671	ug/l #	10
49) 1,4-Dioxane	7.65	88	54	0.993	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	51973	20.084	ug/l #	49
54) cis-1,3-Dichloropropene	8.62	75	25999	9.241	ug/l #	61
57) 1,3-Dichloropropane	9.54	76	6750	2.166	ug/l #	43
59) 2-Hexanone	9.54	43	80965	40.338	ug/l #	52
60) Dibromochloromethane	9.59	129	34	2.542	ug/l #	11
76) 1,2,3-Trichloropropane	11.13	75	64611	27.269	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	64611	67.567	ug/l #	11

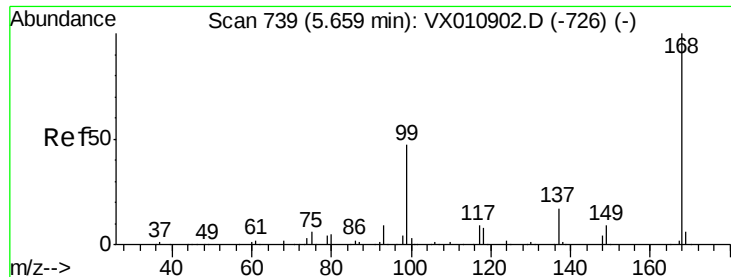
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 30 05:14:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

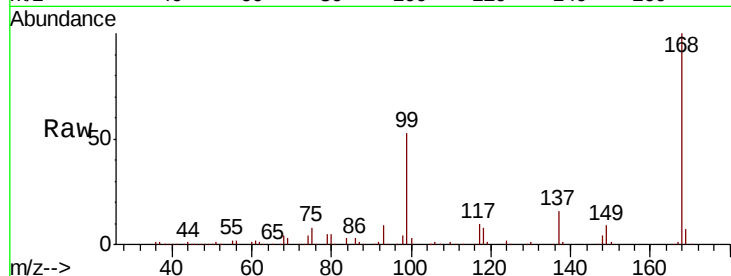
TP-9

Tot Ion:168 Resp: 177355

Ion Ratio Lower Upper

168 100

99 52.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

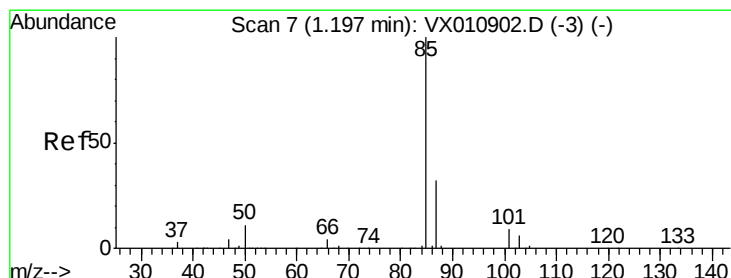
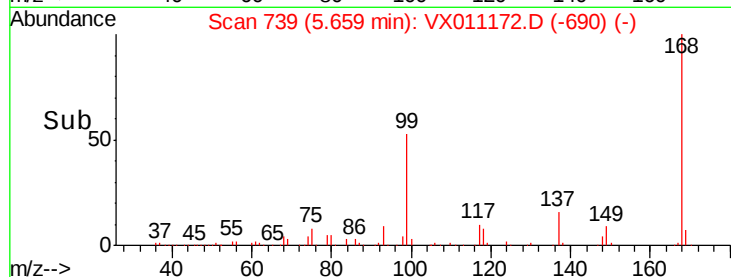
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.562 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX011172.D

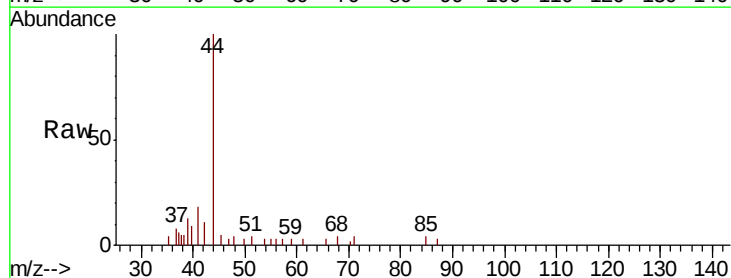
Acq: 30 Jul 2019 02:43

Tgt Ion: 85 Resp: 29

Ion Ratio Lower Upper

85 100

87 71.2 15.9 47.7#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80

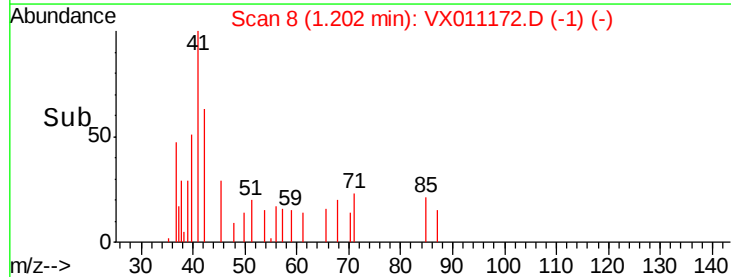
60

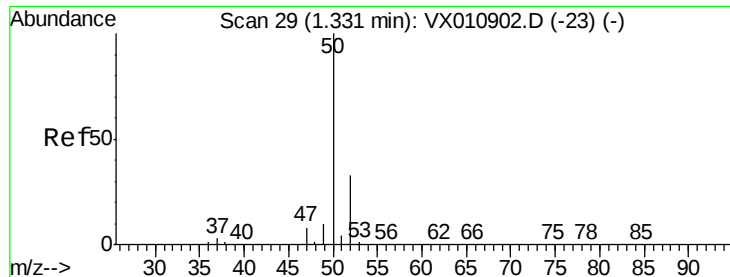
40

20

0

Time--> 1.18 1.19 1.20 1.21 1.22





#3

Chloromethane

Concen: 0.244 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

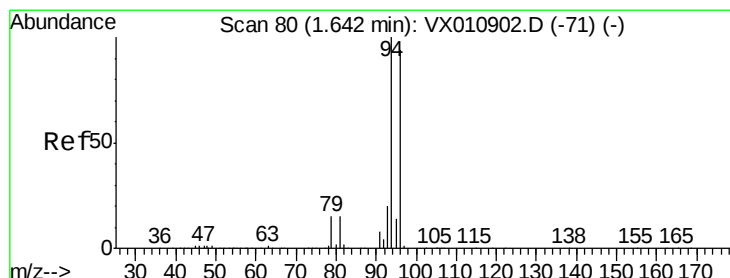
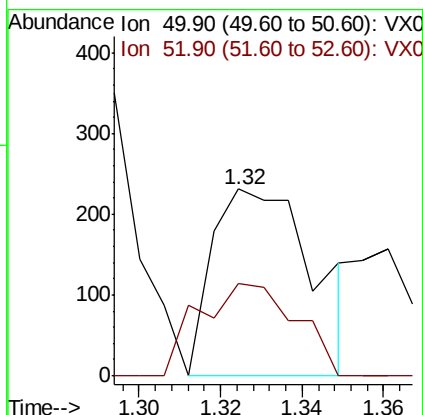
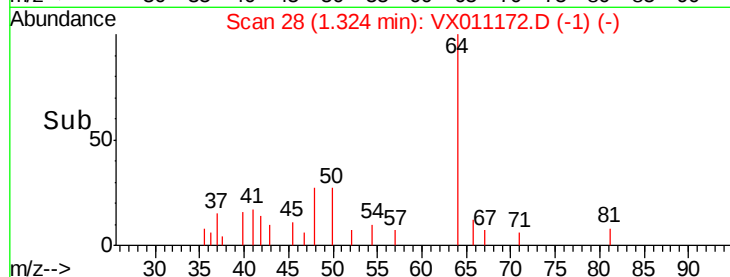
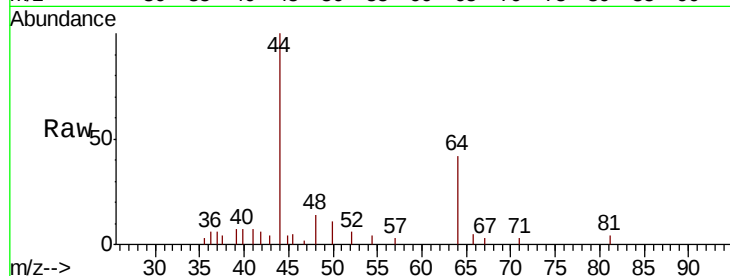
TP-9

Tot Ion: 50 Resp: 398

Ion Ratio Lower Upper

50 100

52 49.4 26.4 39.6#



#5

Bromomethane

Concen: 0.724 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX011172.D

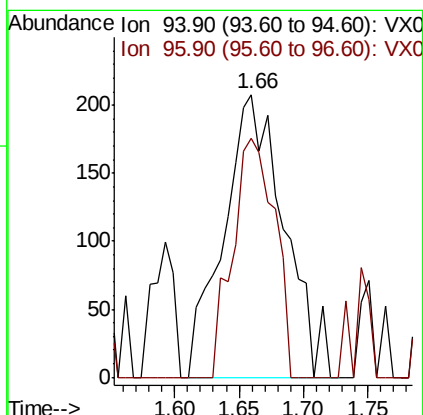
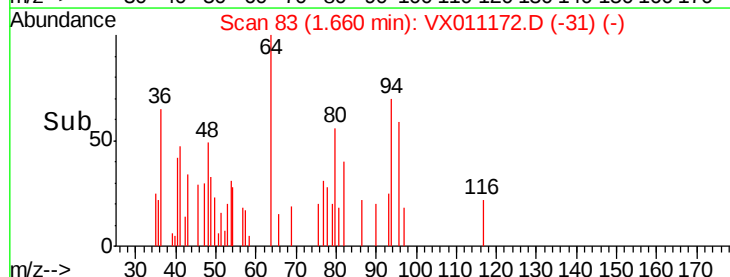
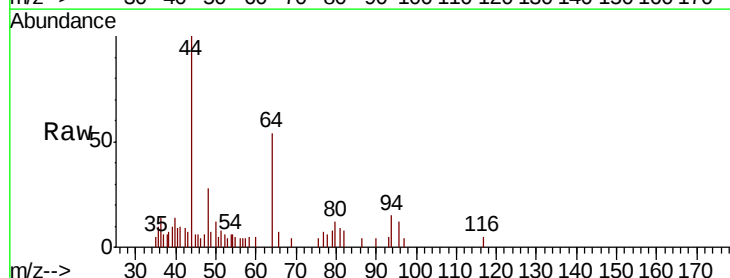
Acq: 30 Jul 2019 02:43

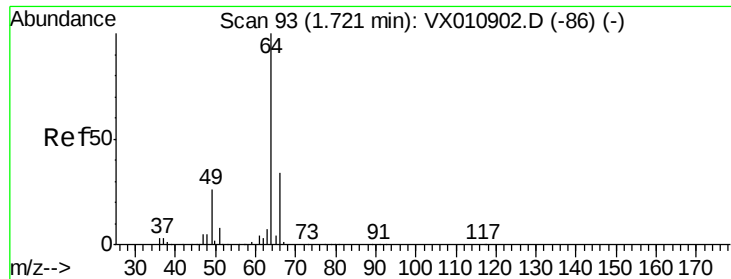
Tgt Ion: 94 Resp: 679

Ion Ratio Lower Upper

94 100

96 84.6 75.6 113.4





#6

Chloroethane

Concen: 0.248 ug/l

RT: 1.75 min Scan# 98

Delta R.T. 0.03 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampled :

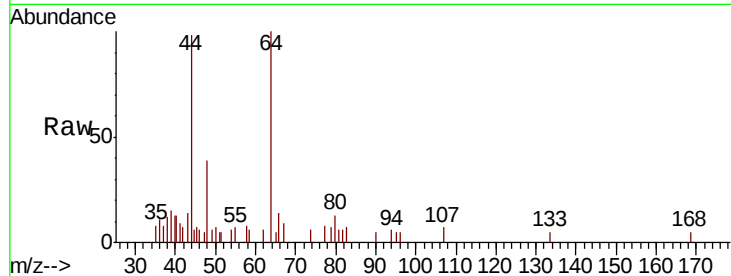
TP-9

Tot Ion: 64 Resp: 262

Ion Ratio Lower Upper

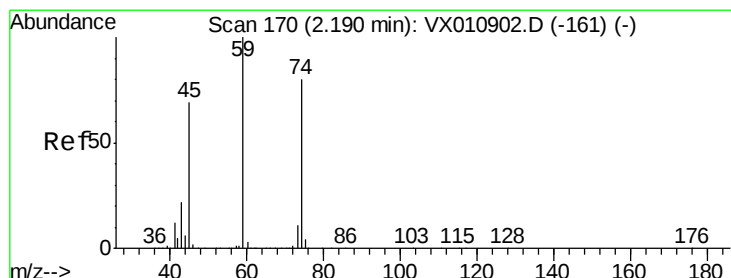
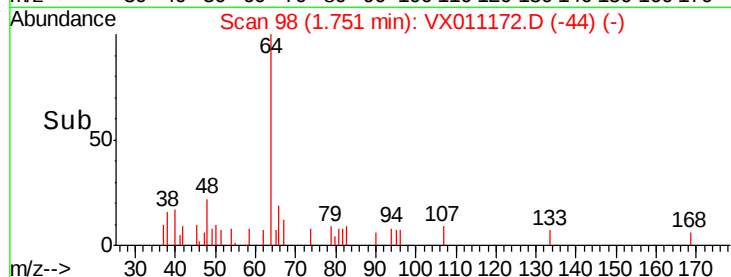
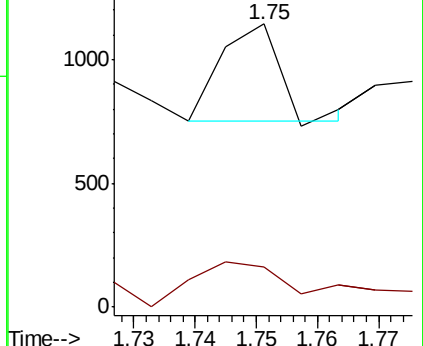
64 100

66 18.9 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#8

Diethyl Ether

Concen: 0.402 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX011172.D

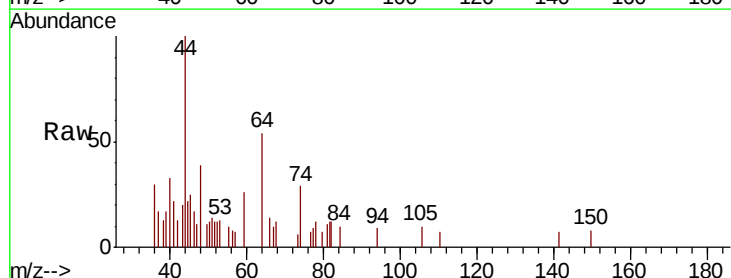
Acq: 30 Jul 2019 02:43

Tgt Ion: 74 Resp: 390

Ion Ratio Lower Upper

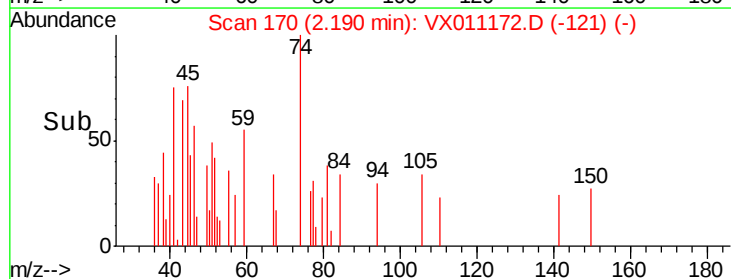
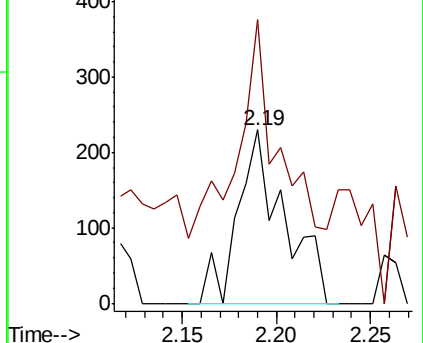
74 100

45 147.4 45.5 136.5#



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



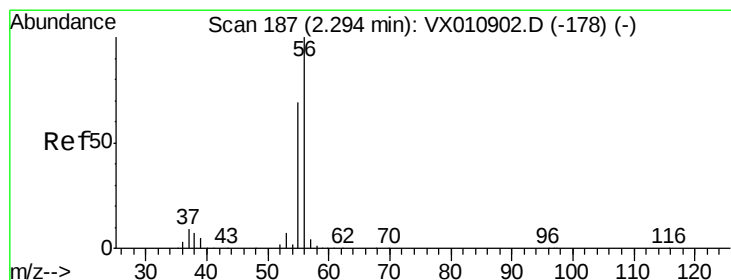
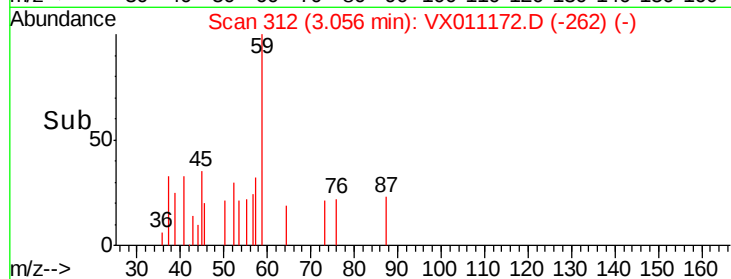
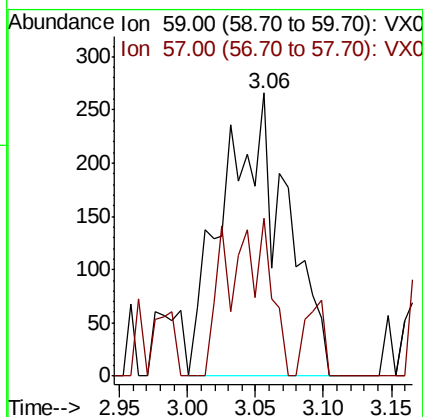
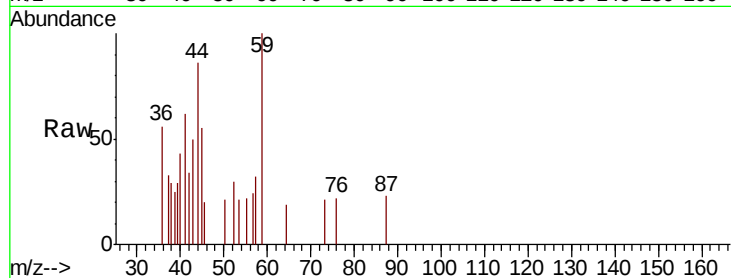


#11

Tert butyl alcohol
 Concen: 1.953 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX011172.D
 Acq: 30 Jul 2019 02:43

Instrument :
 MSVOA_X
 ClientSampled :
 TP-9

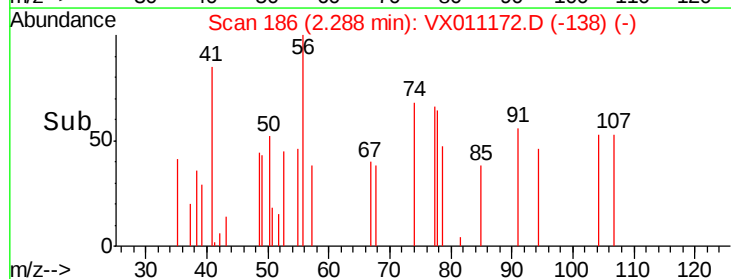
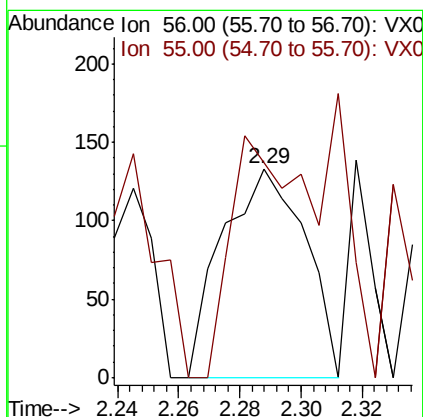
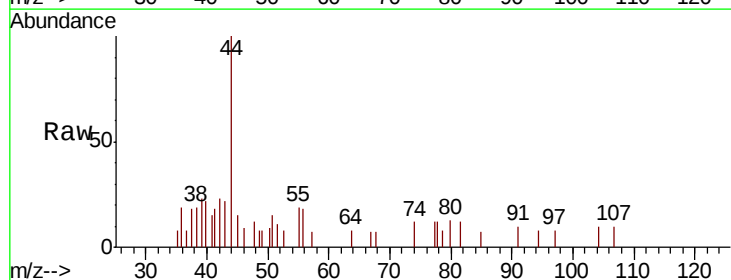
Tot Ion: 59 Resp: 858
 Ion Ratio Lower Upper
 59 100
 57 21.1 7.9 11.9#

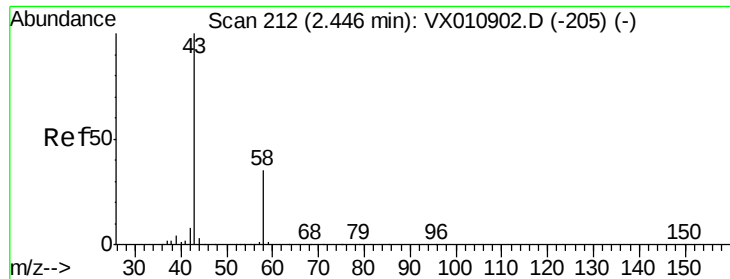


#13

Acrolein
 Concen: 0.989 ug/l
 RT: 2.29 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: VX011172.D
 Acq: 30 Jul 2019 02:43

Tgt Ion: 56 Resp: 251
 Ion Ratio Lower Upper
 56 100
 55 71.3 55.9 83.9





#16

Acetone

Concen: 10.087 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampled :

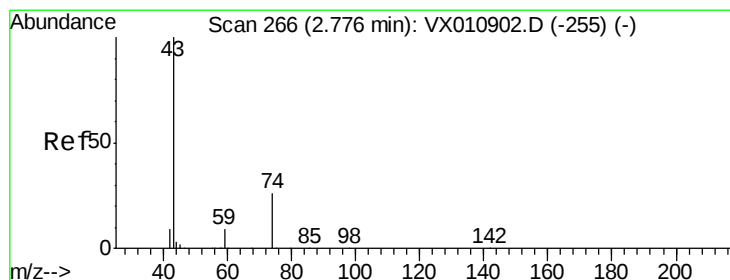
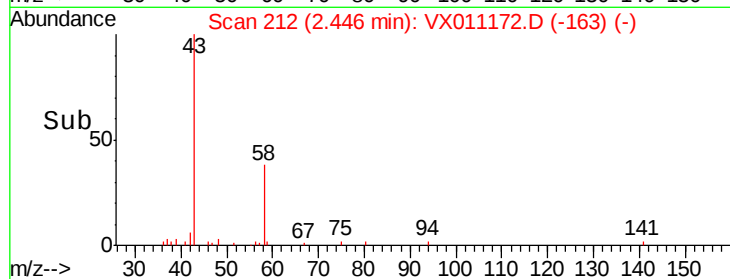
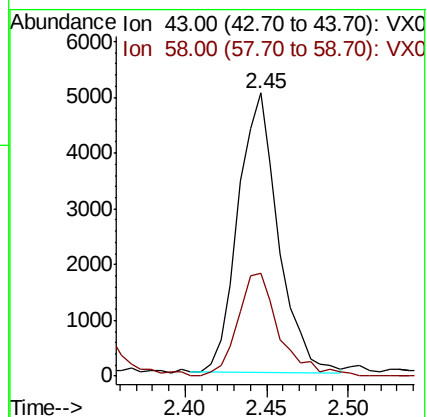
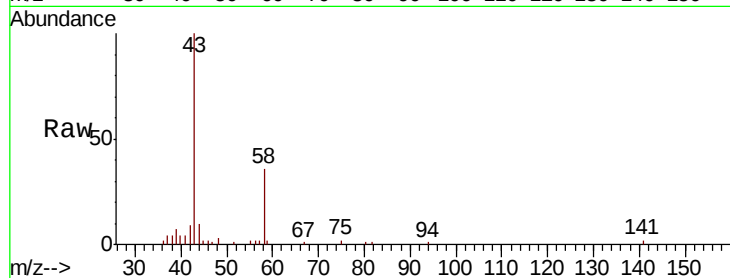
TP-9

Tot Ion: 43 Resp: 8596

Ion Ratio Lower Upper

43 100

58 36.9 27.7 41.5



#18

Methyl Acetate

Concen: 0.702 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX011172.D

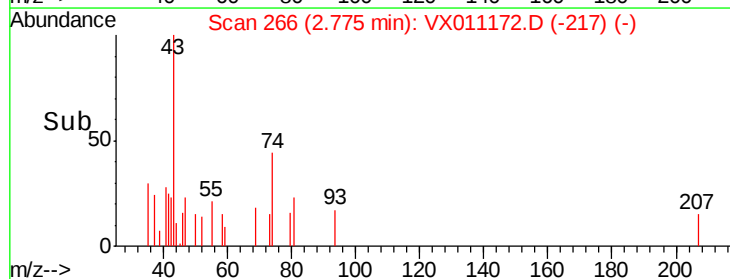
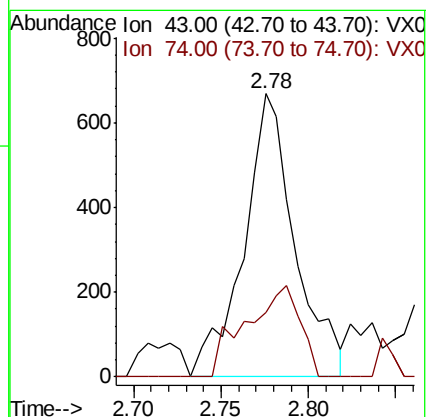
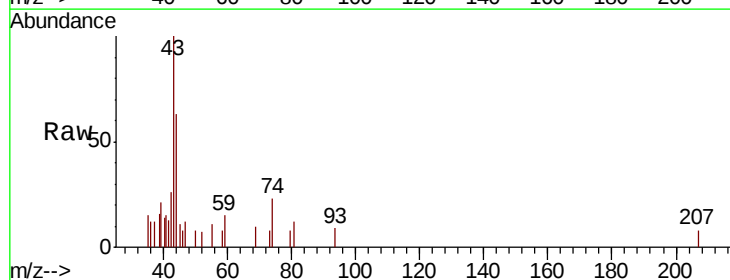
Acq: 30 Jul 2019 02:43

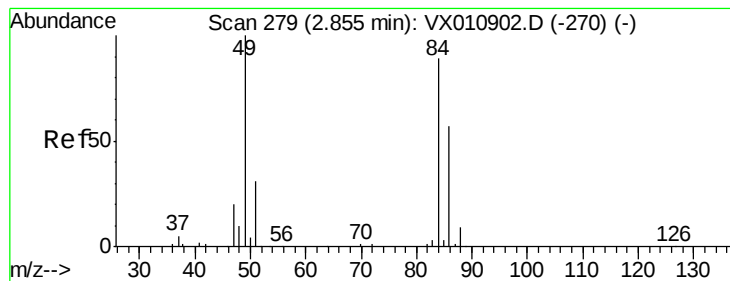
Tgt Ion: 43 Resp: 1363

Ion Ratio Lower Upper

43 100

74 33.9 21.5 32.3#





#20

Methvlene Chloride

Concen: 1.892 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

TP-9

Tot Ion: 84 Resp: 3416

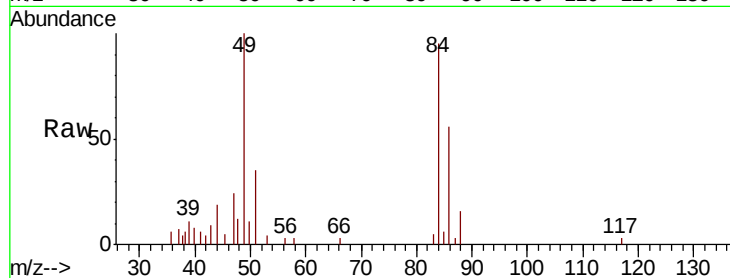
Ion Ratio Lower Upper

84 100

49 105.3 89.9 134.9

51 33.6 27.8 41.6

86 59.3 51.8 77.6

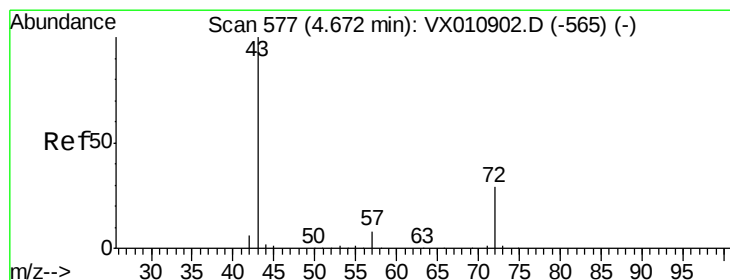
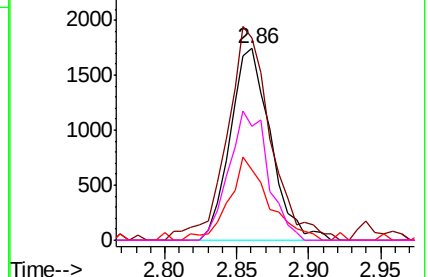
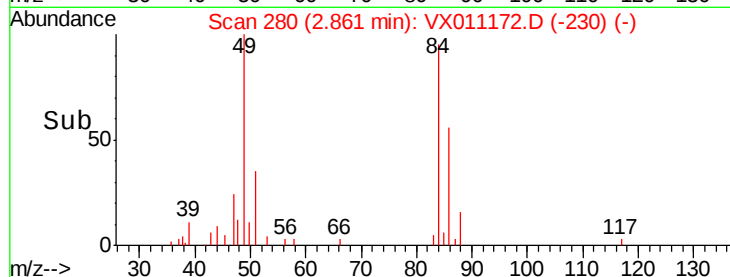


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 3.618 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX011172.D

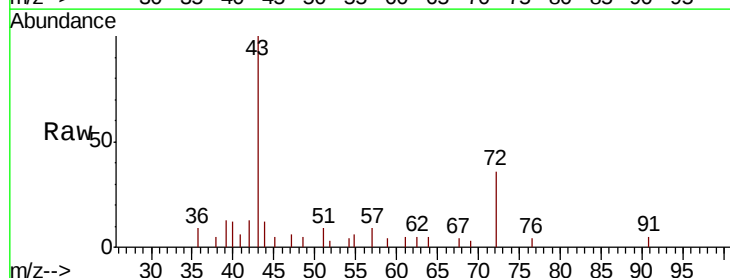
Acq: 30 Jul 2019 02:43

Tgt Ion: 43 Resp: 4426

Ion Ratio Lower Upper

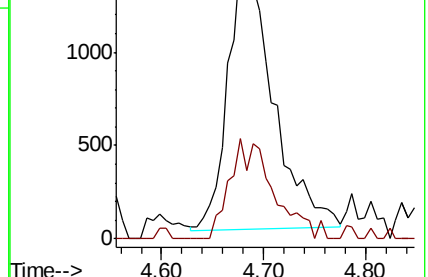
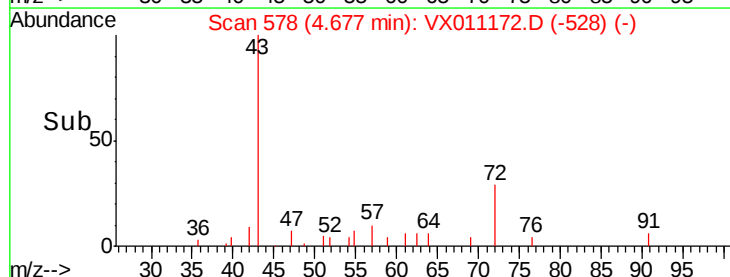
43 100

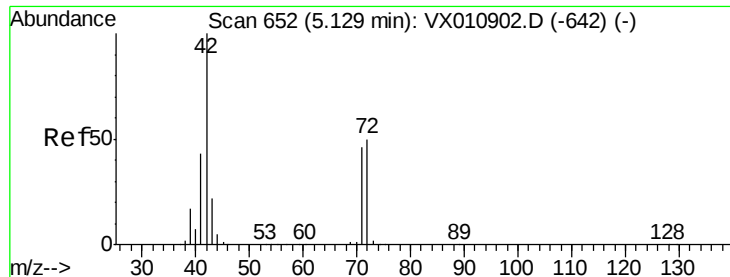
72 37.1 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 1.111 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.03 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampled :

TP-9

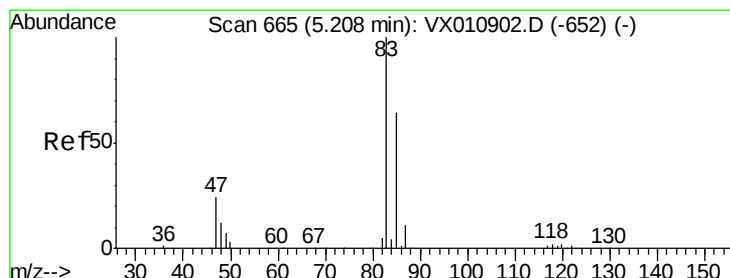
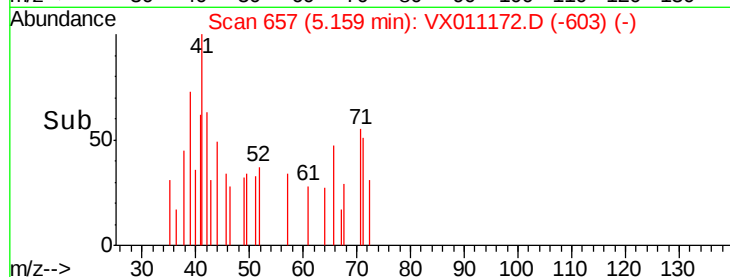
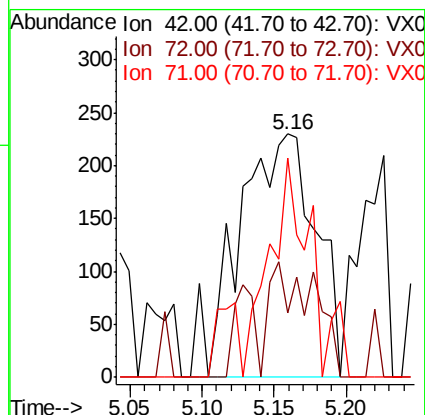
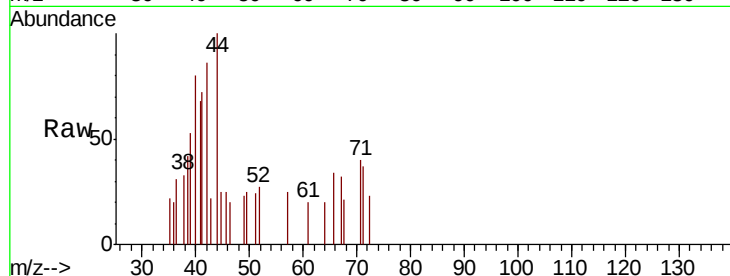
Tot Ion: 42 Resp: 861

Ion Ratio Lower Upper

42 100

72 11.0 39.8 59.8#

71 48.3 37.0 55.4



#30

Chloroform

Concen: 0.505 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX011172.D

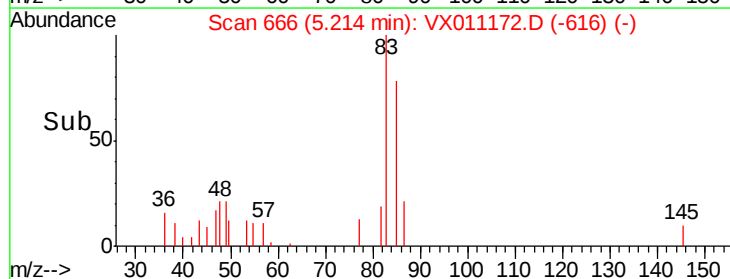
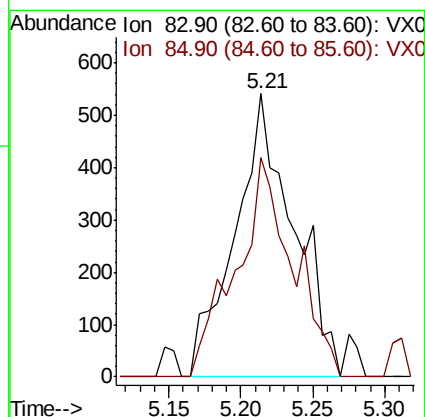
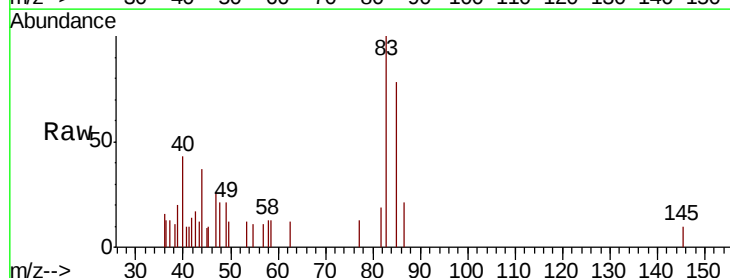
Acq: 30 Jul 2019 02:43

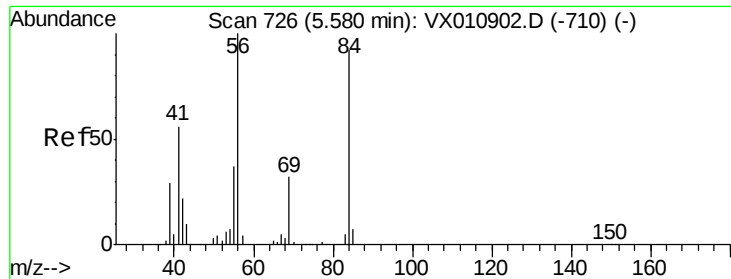
Tgt Ion: 83 Resp: 1533

Ion Ratio Lower Upper

83 100

85 77.6 51.4 77.0#

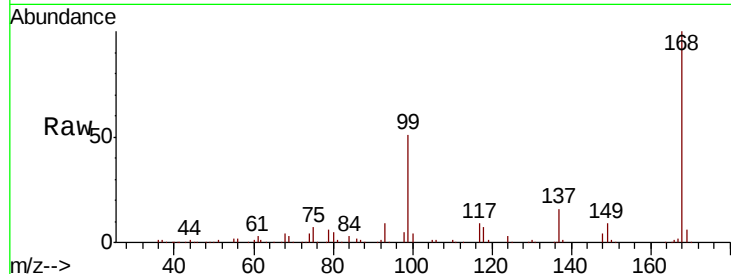




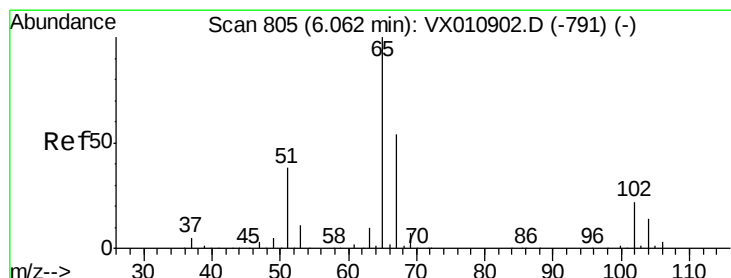
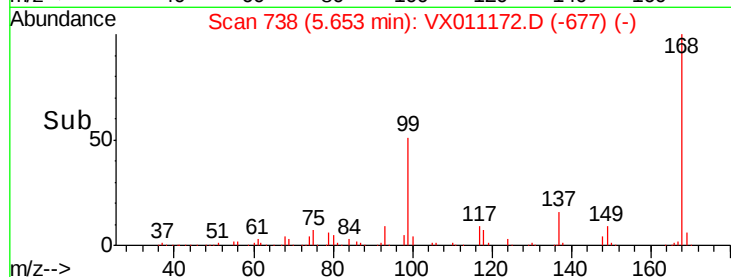
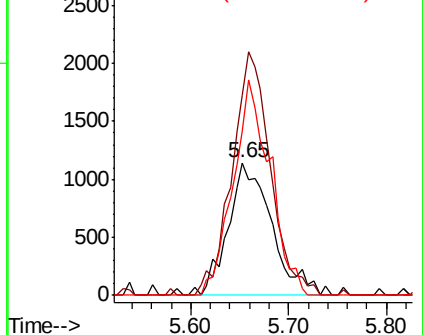
#31
Cyclohexane
Concen: 1.383 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX011172.D
Acq: 30 Jul 2019 02:43

Instrument :
MSVOA_X
ClientSampled :
TP-9

Tot Ion: 56 Resp: 3544
Ion Ratio Lower Upper
56 100
69 151.4 25.8 38.8#
84 123.9 73.8 110.6#

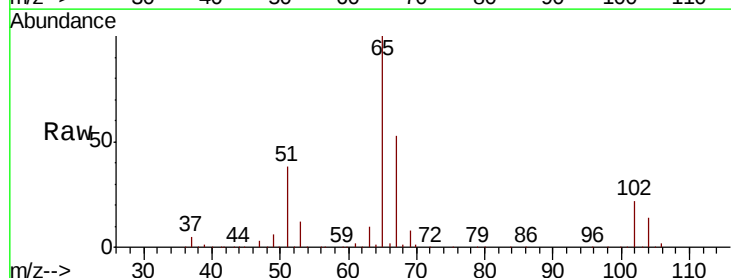


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

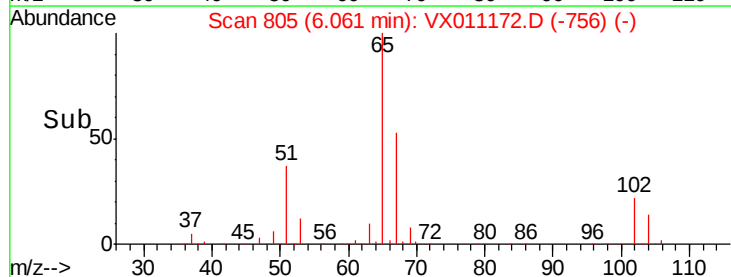
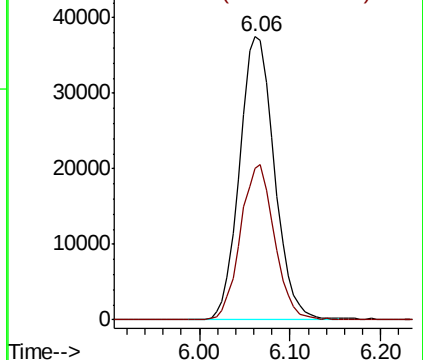


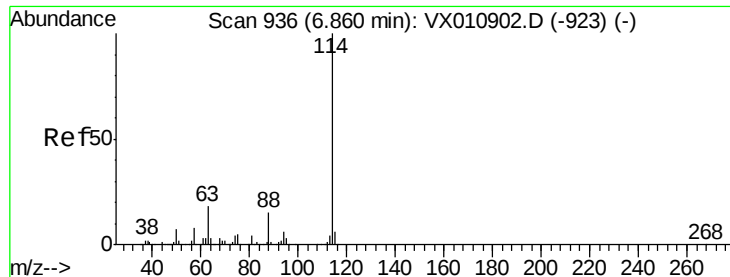
#33
1,2-Dichloroethane-d4
Concen: 52.921 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011172.D
Acq: 30 Jul 2019 02:43

Tgt Ion: 65 Resp: 99850
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

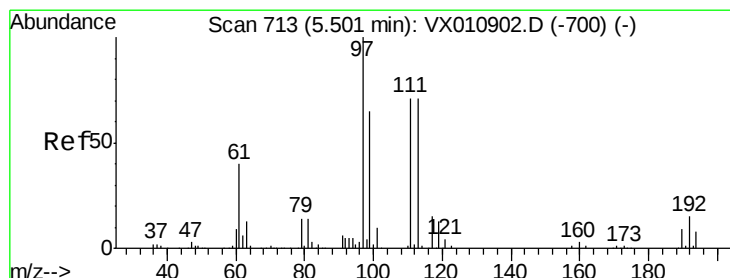
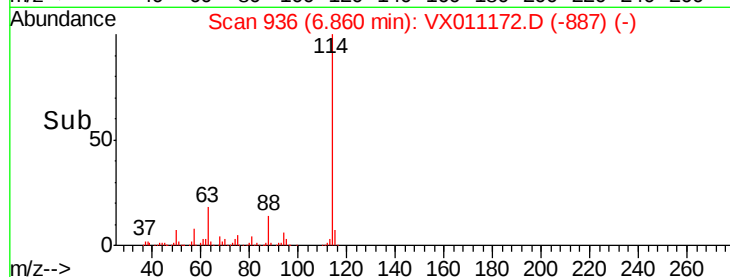
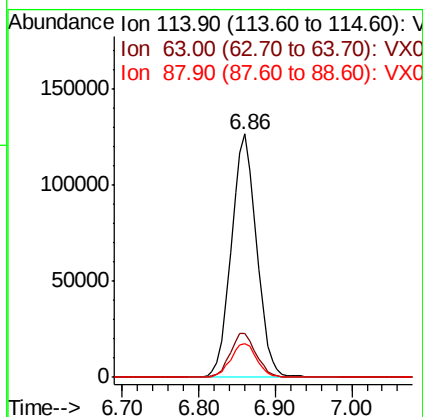
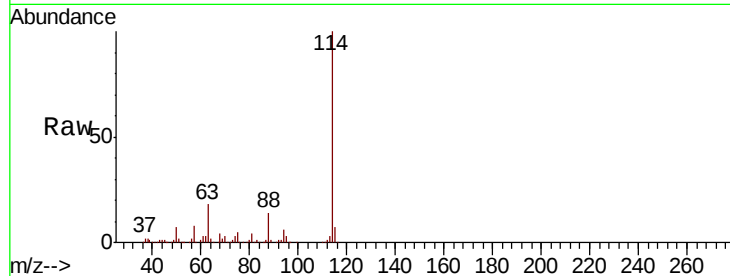




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011172.D
Acq: 30 Jul 2019 02:43

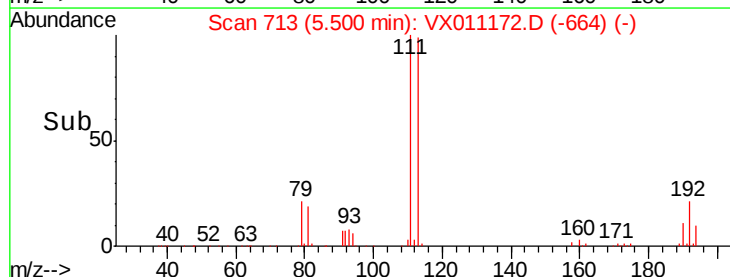
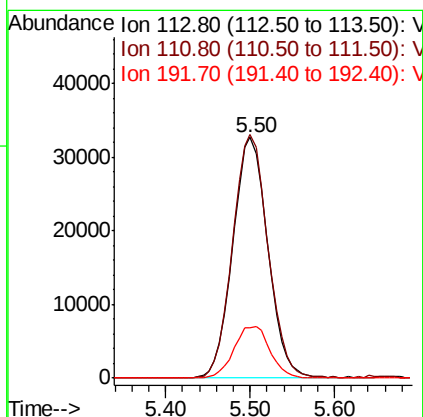
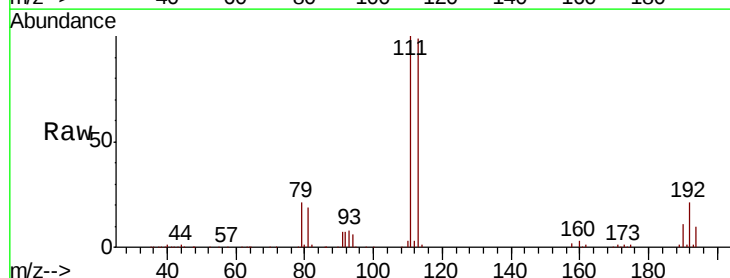
Instrument :
MSVOA_X
ClientSampleId :
TP-9

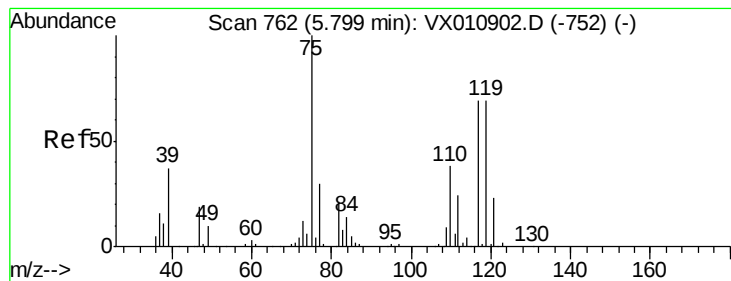
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.6
88	14.0	0.0	29.8



#35
Dibromofluoromethane
Concen: 50.392 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011172.D
Acq: 30 Jul 2019 02:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.3	123.5
192	22.0	17.4	26.2





#36

1,1-Dichloropropene

Concen: 5.229 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

TP-9

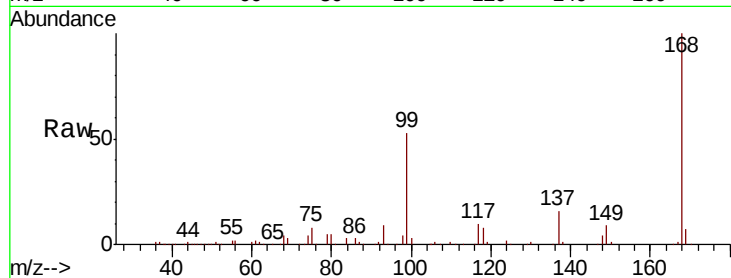
Tot Ion: 75 Resp: 12399

Ion Ratio Lower Upper

75 100

110 11.5 19.9 59.7#

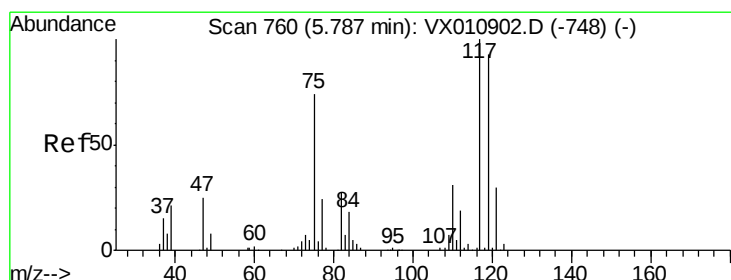
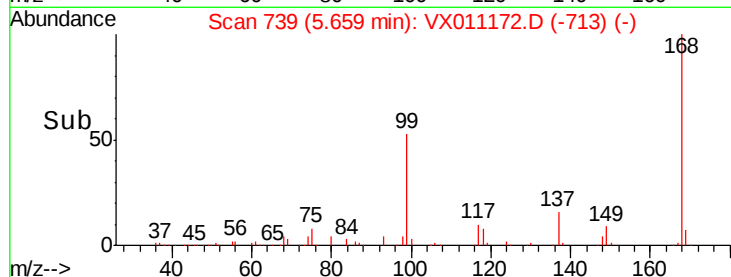
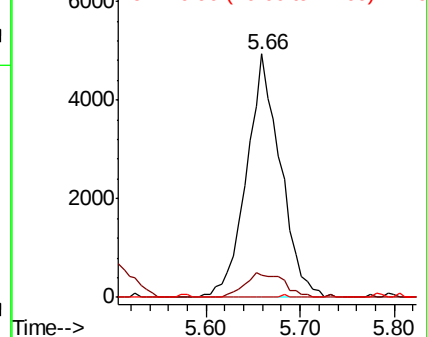
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.865 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

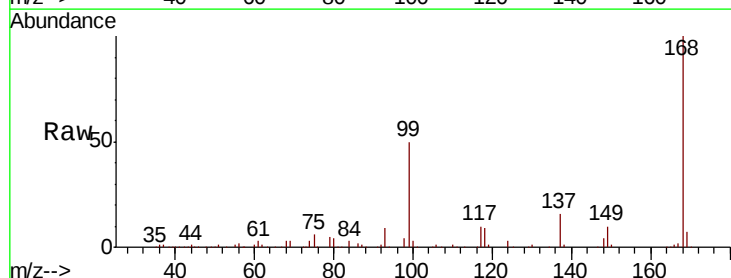
Tgt Ion: 117 Resp: 16962

Ion Ratio Lower Upper

117 100

119 7.1 74.2 111.2#

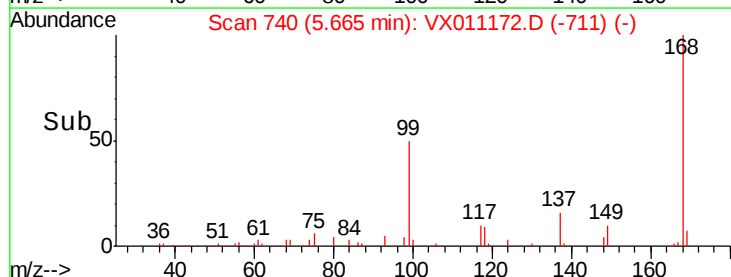
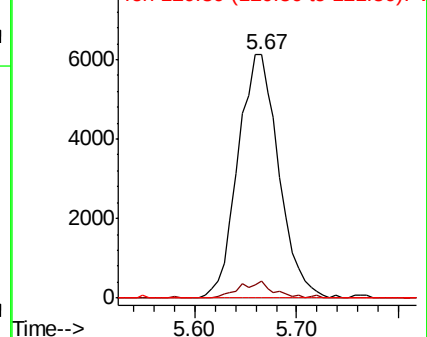
121 0.0 24.2 36.2#

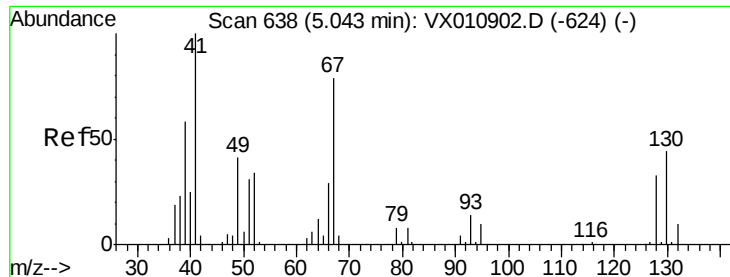


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

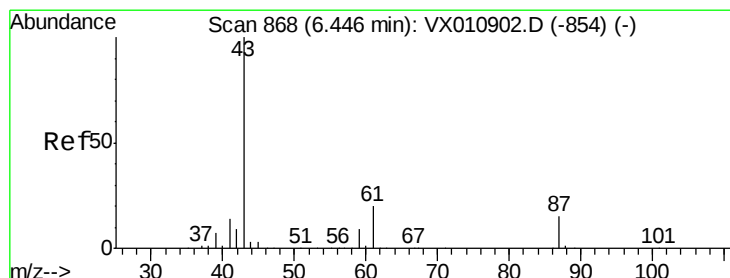
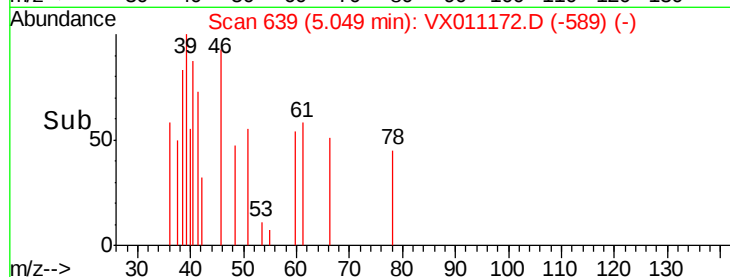
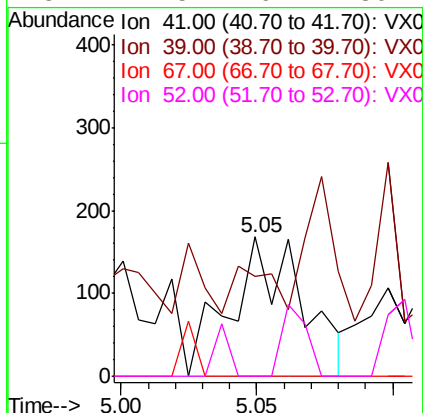
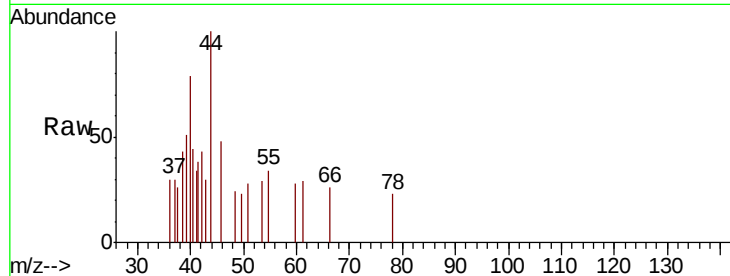




#41
Methacrylonitrile
Concen: 0.222 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX011172.D
Acq: 30 Jul 2019 02:43

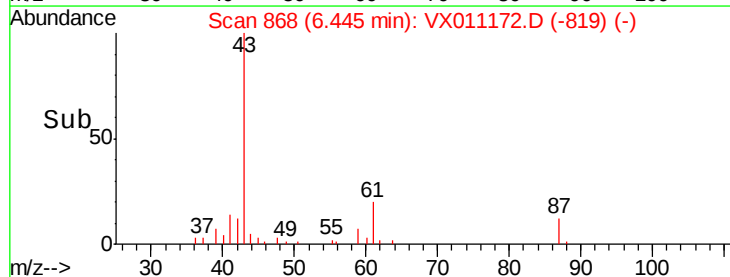
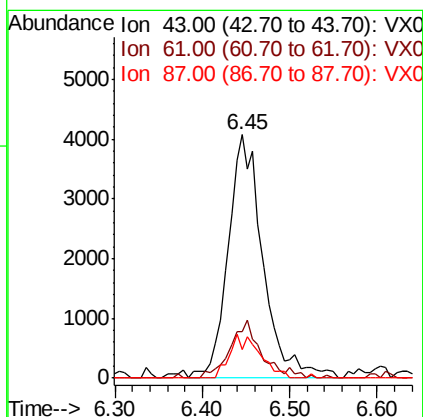
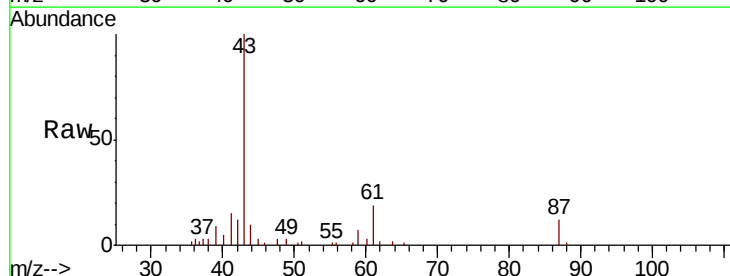
Instrument :
MSVOA_X
ClientSampled :
TP-9

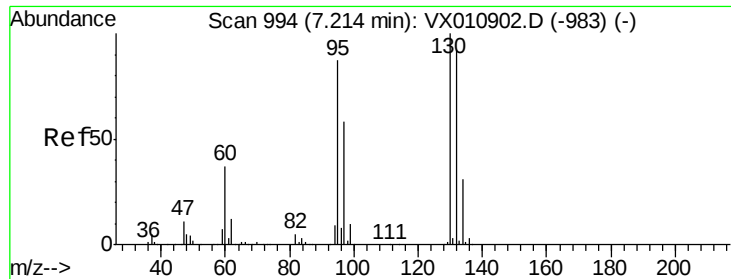
Tot Ion: 41 Resp: 306
Ion Ratio Lower Upper
41 100
39 26.1 45.4 68.2#
67 0.0 65.9 98.9#
52 7.5 26.2 39.2#



#43
Isopropyl Acetate
Concen: 2.820 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX011172.D
Acq: 30 Jul 2019 02:43

Tgt Ion: 43 Resp: 11258
Ion Ratio Lower Upper
43 100
61 20.3 17.1 25.7
87 15.4 12.0 18.0

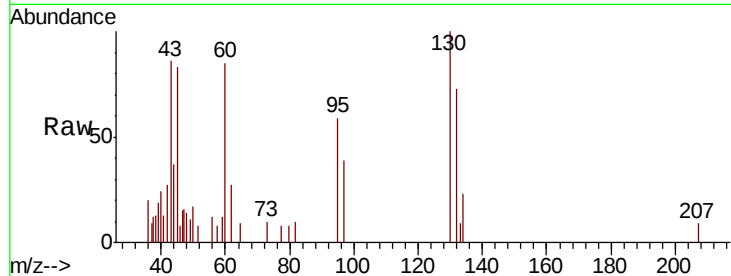




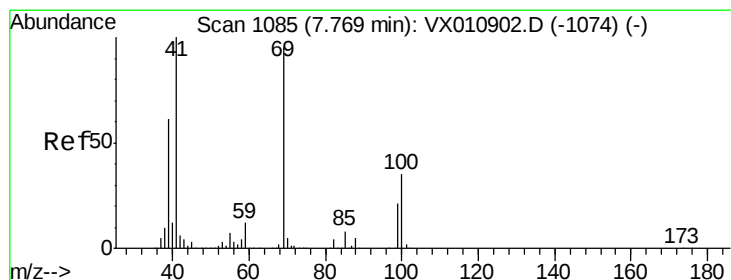
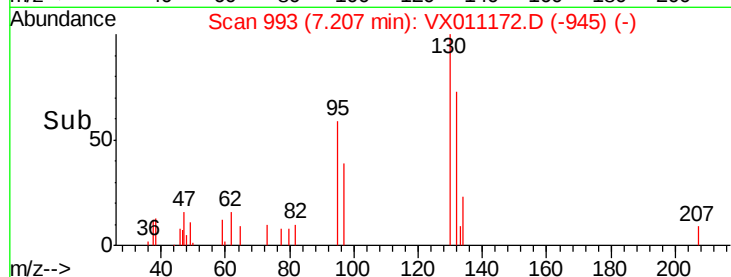
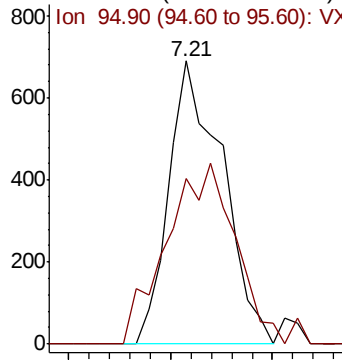
#44
 Trichloroethene
 Concen: 0.582 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX011172.D
 Acq: 30 Jul 2019 02:43

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9

Tot Ion:130 Resp: 1252
 Ion Ratio Lower Upper
 130 100
 95 58.7 0.0 174.8

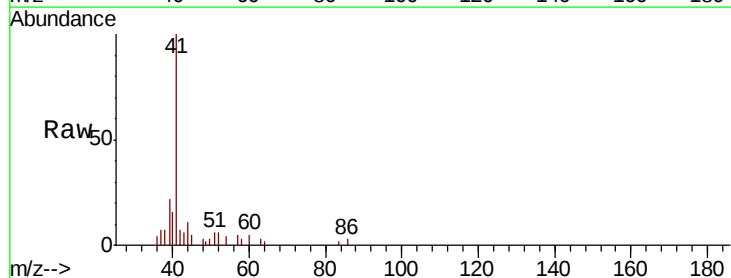


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

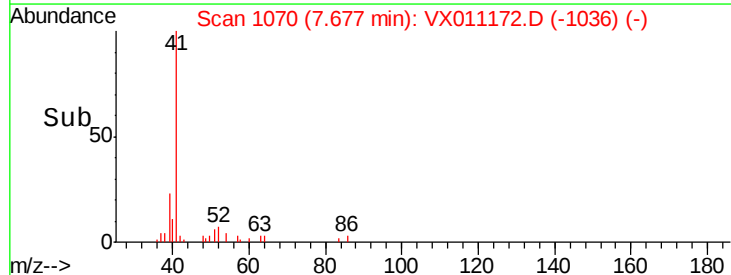
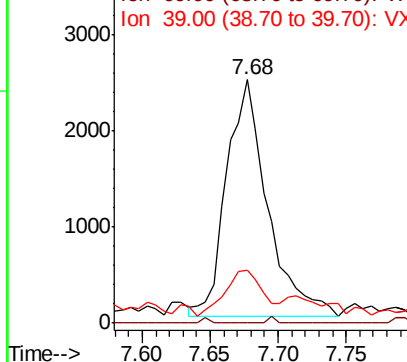


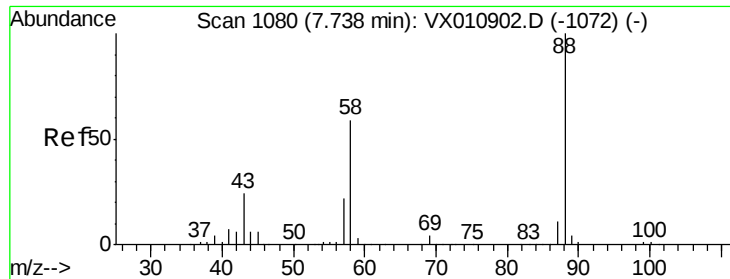
#48
 Methyl methacrylate
 Concen: 2.671 ug/l
 RT: 7.68 min Scan# 1070
 Delta R.T. -0.09 min
 Lab File: VX011172.D
 Acq: 30 Jul 2019 02:43

Tgt Ion: 41 Resp: 5194
 Ion Ratio Lower Upper
 41 100
 69 0.5 74.4 111.6#
 39 0.0 48.9 73.3#



Abundance Ion 41.00 (40.70 to 41.70): VX0
 Ion 69.00 (68.70 to 69.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 0.993 ug/l

RT: 7.65 min Scan# 1065

Delta R.T. -0.09 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

TP-9

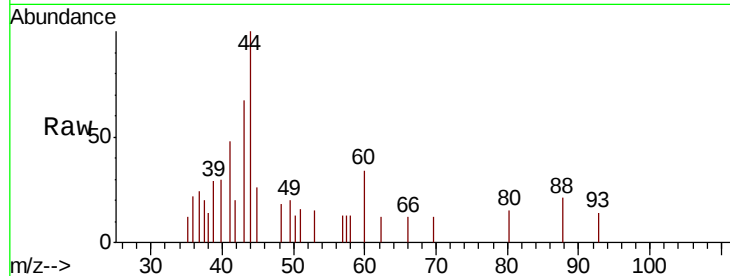
Tot Ion: 88 Resp: 54

Ion Ratio Lower Upper

88 100

43 0.0 22.9 34.3#

58 568.5 49.8 74.8#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600

500

400

300

200

100

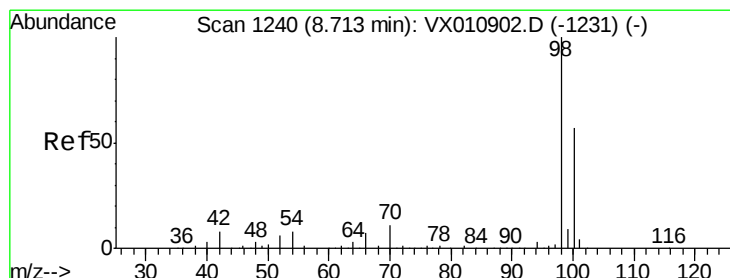
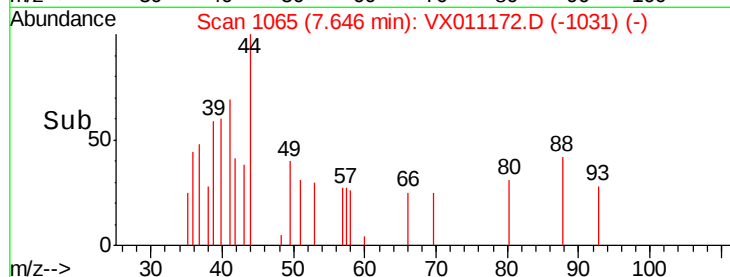
0

7.62

7.64

7.66

Time-->



#50

Toluene-d8

Concen: 52.677 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011172.D

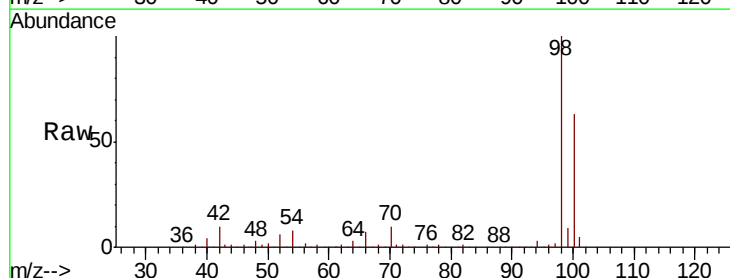
Acq: 30 Jul 2019 02:43

Tgt Ion: 98 Resp: 361976

Ion Ratio Lower Upper

98 100

100 63.6 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

100000

50000

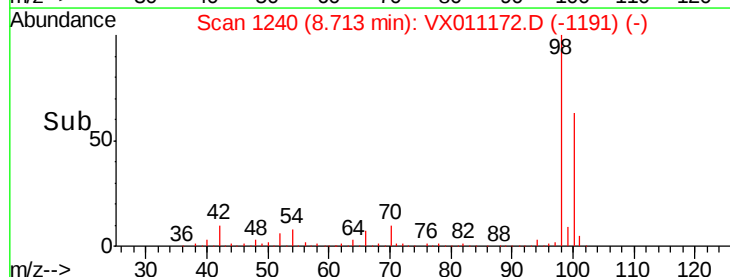
0

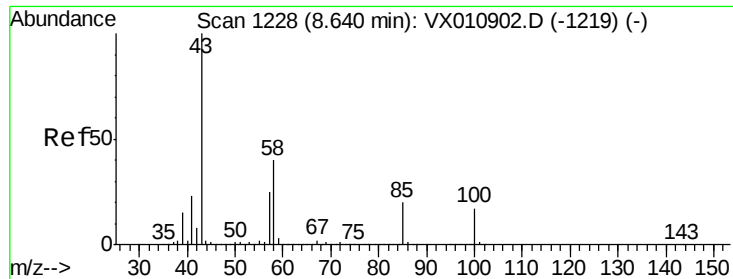
8.60

8.70

8.80

Time-->





#51

4-Methyl-2-Pentanone

Concen: 20.084 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampled :

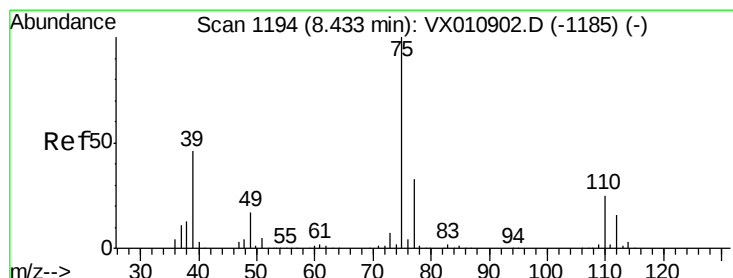
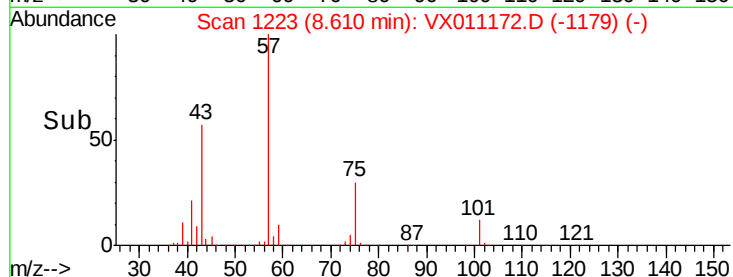
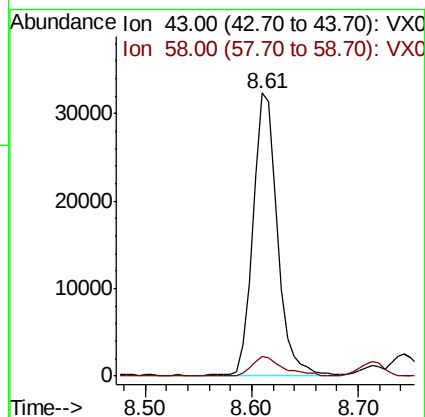
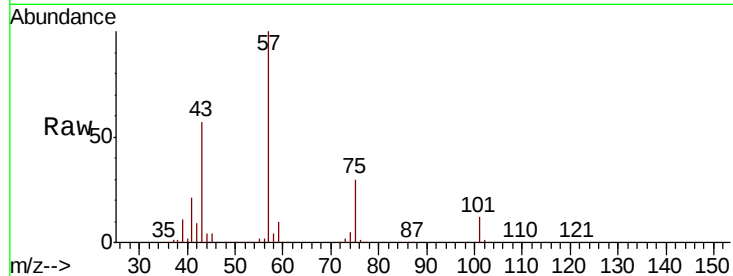
TP-9

Tot Ion: 43 Resp: 51973

Ion Ratio Lower Upper

43 100

58 8.9 32.2 48.4#



#54

cis-1,3-Dichloropropene

Concen: 9.241 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

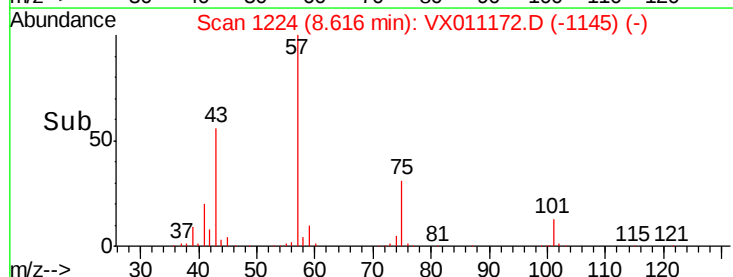
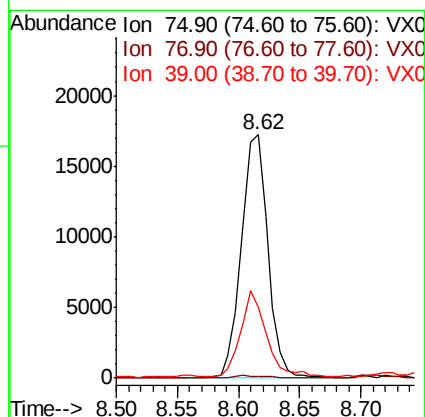
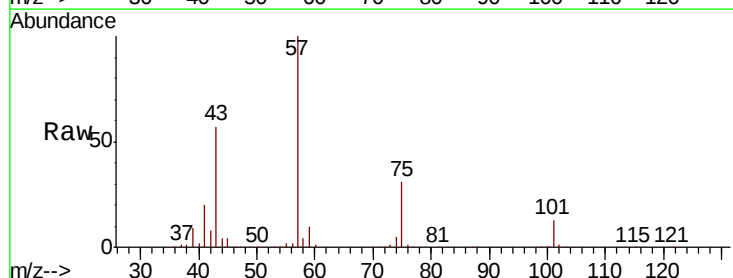
Tgt Ion: 75 Resp: 25999

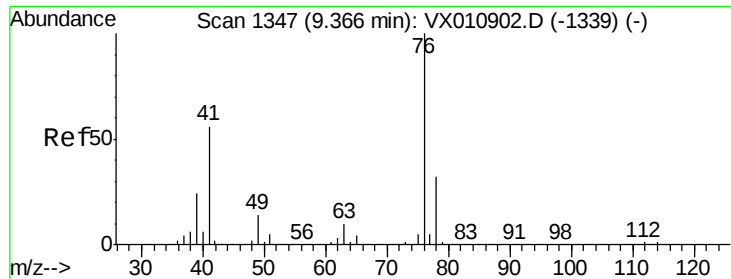
Ion Ratio Lower Upper

75 100

77 0.9 26.1 39.1#

39 28.2 36.6 54.8#

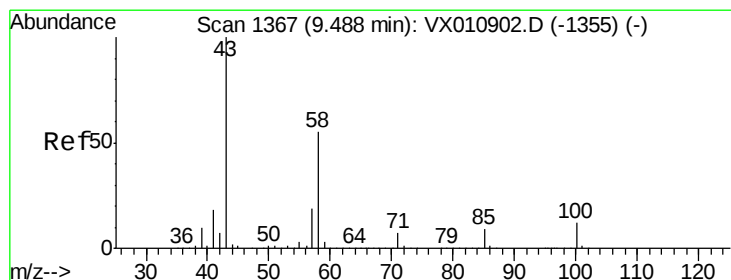
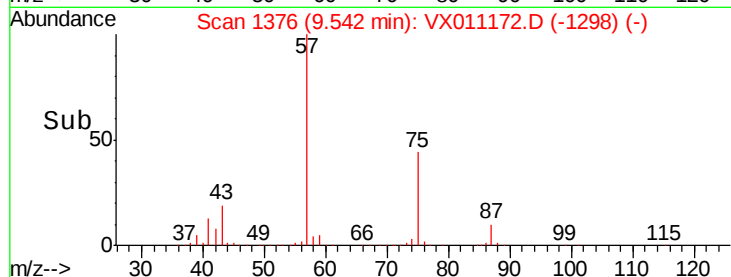
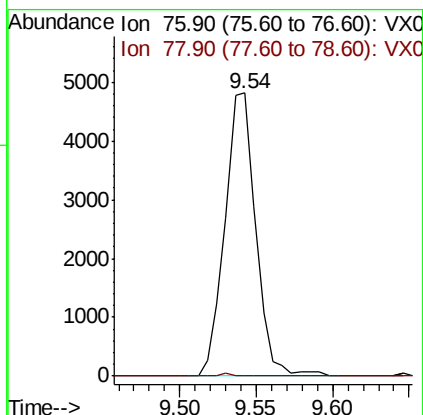
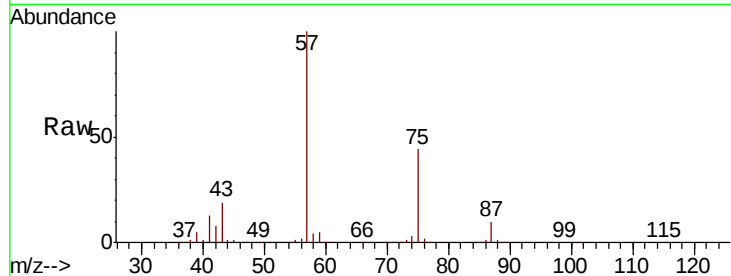




#57
 1,3-Dichloropropane
 Concen: 2.166 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.18 min
 Lab File: VX011172.D
 Acq: 30 Jul 2019 02:43

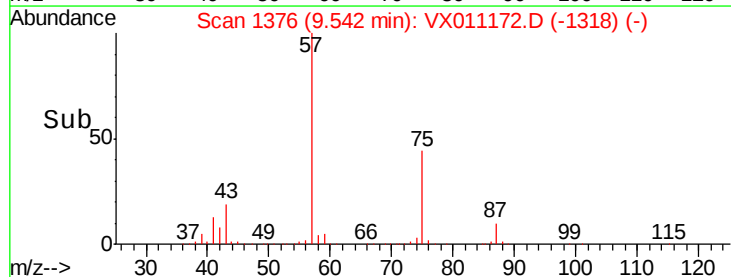
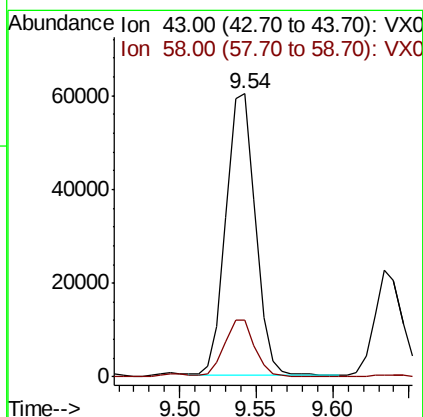
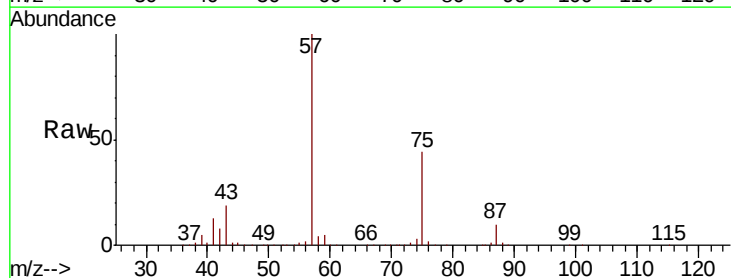
Instrument :
 MSVOA_X
 ClientSampled :
 TP-9

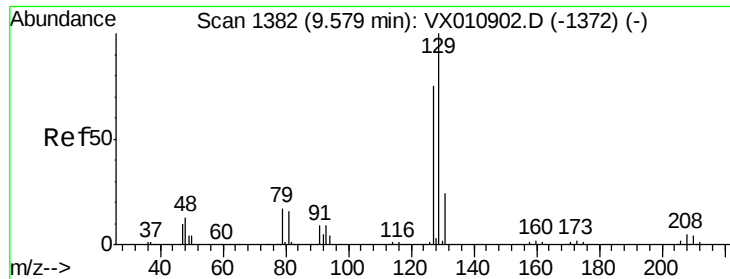
Tot Ion: 76 Resp: 6750
 Ion Ratio Lower Upper
 76 100
 78 0.3 25.6 38.4#



#59
 2-Hexanone
 Concen: 40.338 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.05 min
 Lab File: VX011172.D
 Acq: 30 Jul 2019 02:43

Tgt Ion: 43 Resp: 80965
 Ion Ratio Lower Upper
 43 100
 58 21.1 28.0 83.9#

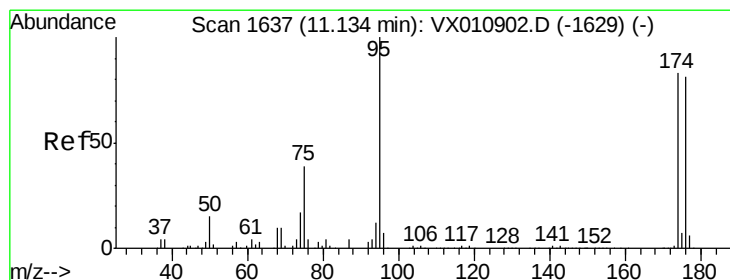
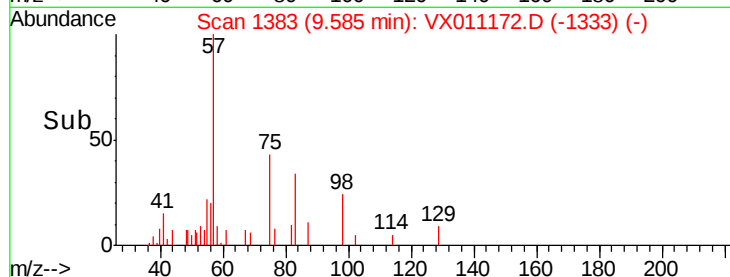
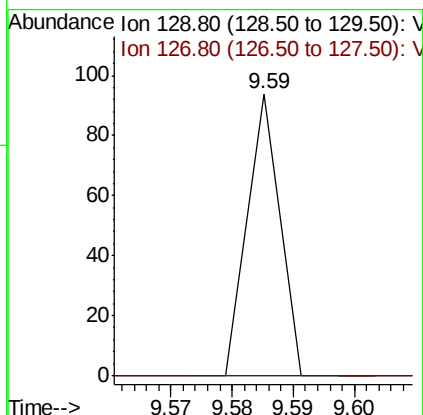
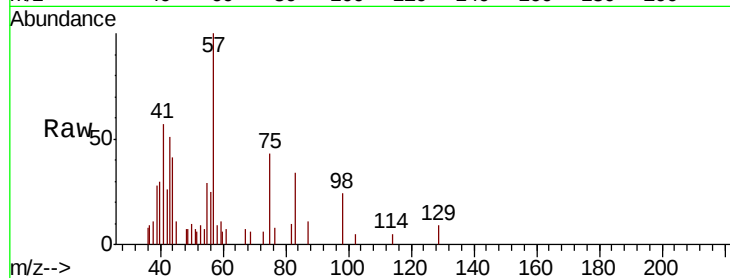




#60
Dibromochloromethane
Concen: 2.542 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX011172.D
Acq: 30 Jul 2019 02:43

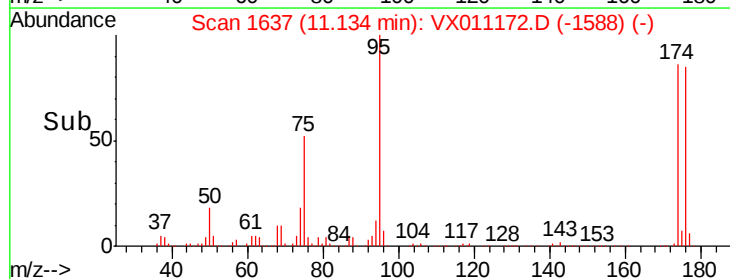
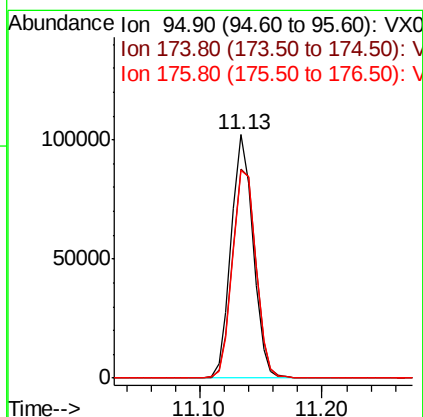
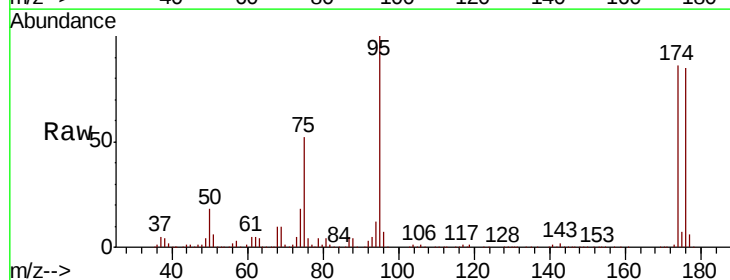
Instrument :
MSVOA_X
ClientSampled :
TP-9

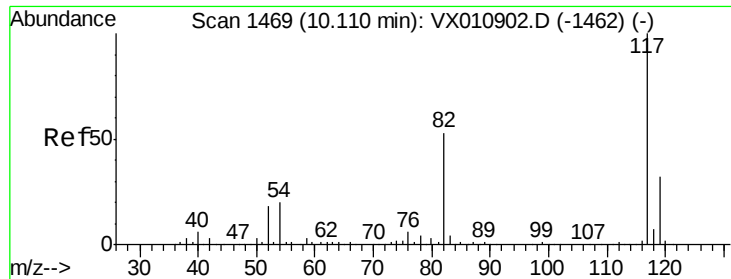
Tot Ion:129 Resp: 34
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#



#62
4-Bromofluorobenzene
Concen: 50.108 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011172.D
Acq: 30 Jul 2019 02:43

Tgt Ion: 95 Resp: 126564
Ion Ratio Lower Upper
95 100
174 91.7 0.0 180.6
176 90.9 0.0 173.8

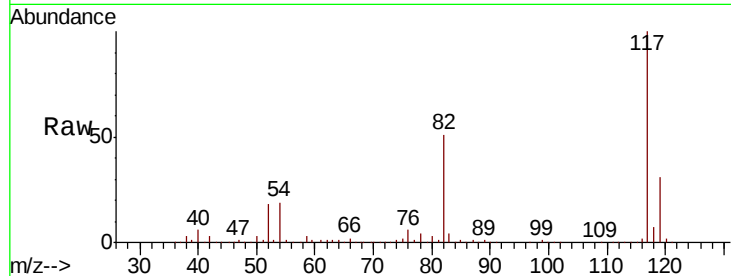




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011172.D
Acq: 30 Jul 2019 02:43

Instrument :
MSVOA_X
ClientSampled :
TP-9

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.6	63.8
119	31.4	25.9	38.9

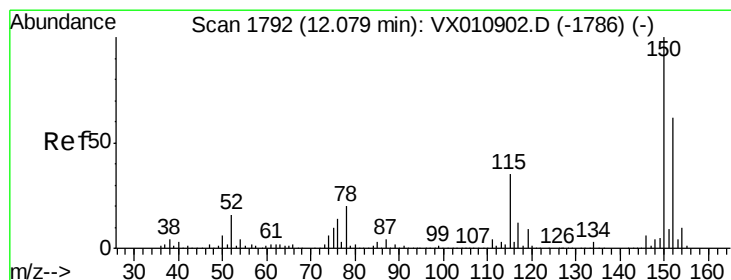
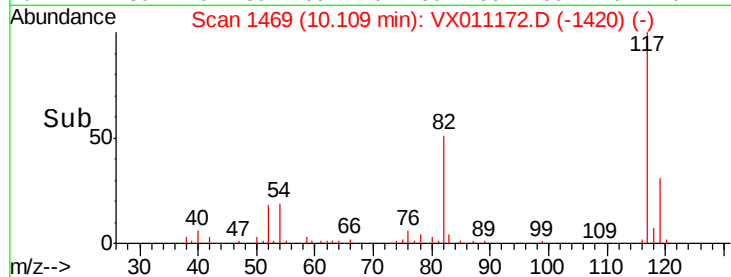
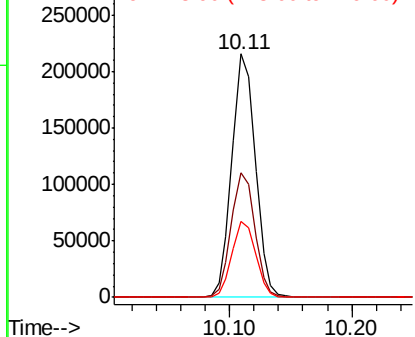


Abundance

Ion 116.90 (116.60 to 117.60): V

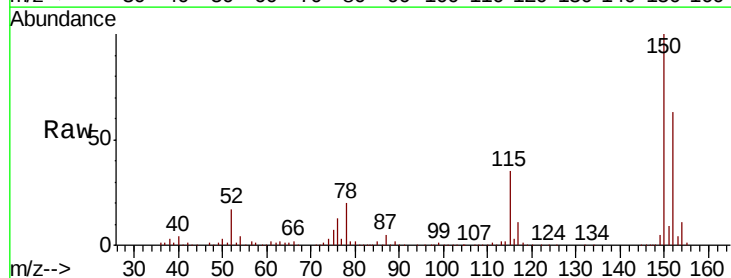
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011172.D
Acq: 30 Jul 2019 02:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.7	119.1
150	157.8	0.0	345.6

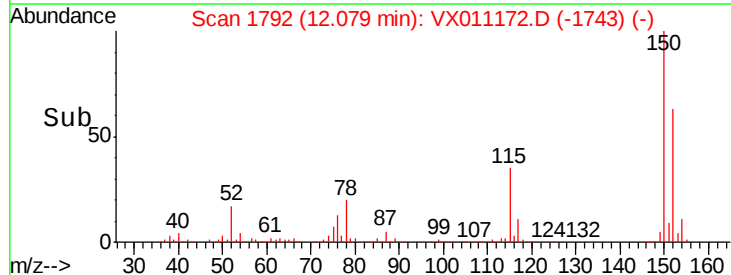
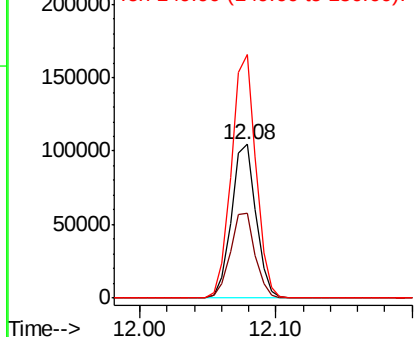


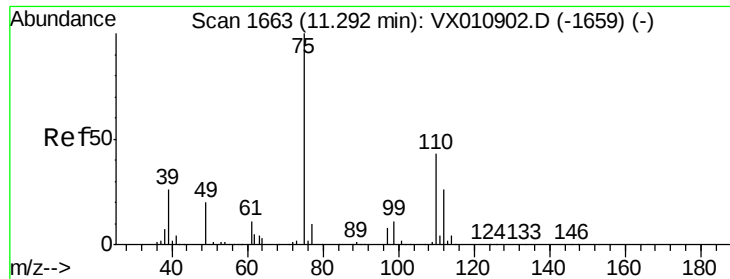
Abundance

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





#76

1,2,3-Trichloropropane

Concen: 27.269 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

Instrument :

MSVOA_X

ClientSampleId :

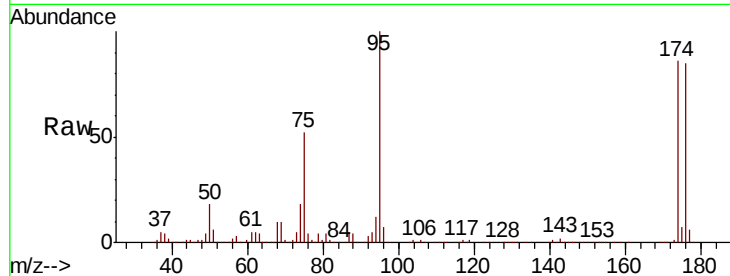
TP-9

Tot Ion: 75 Resp: 64611

Ion Ratio Lower Upper

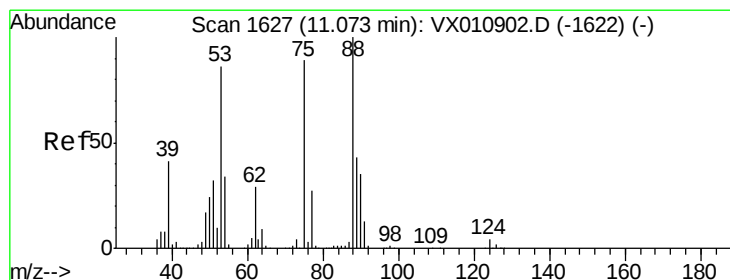
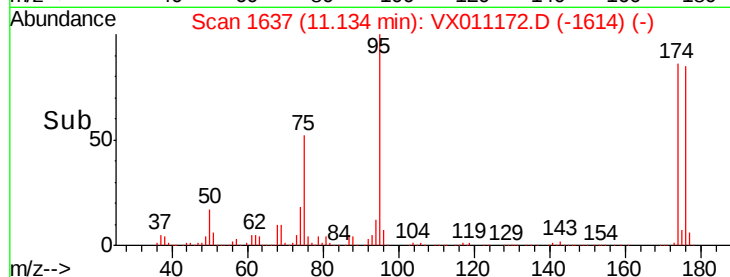
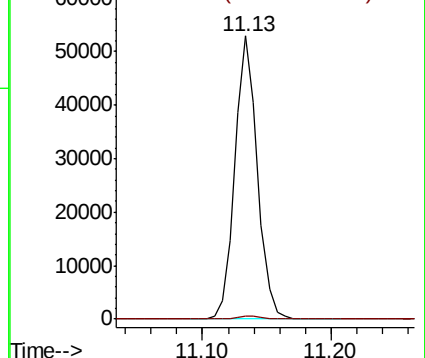
75 100

77 1.4 21.3 64.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 67.567 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011172.D

Acq: 30 Jul 2019 02:43

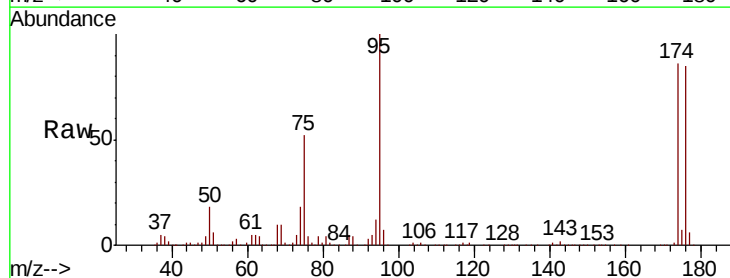
Tgt Ion: 75 Resp: 64611

Ion Ratio Lower Upper

75 100

53 0.2 76.7 115.1#

89 0.1 38.5 57.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

