

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022719\
 Data File : VX007732.D
 Acq On : 27 Feb 2019 14:23
 Operator : JC/SP
 Sample : VX0227WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 03:52:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	305983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	477171	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	450817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215637	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	185941	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
35) Dibromofluoromethane	5.50	113	153526	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	
50) Toluene-d8	8.71	98	586076	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.13	95	210116	46.88	ug/l	0.00
Spiked Amount			Recovery	=	93.76%	

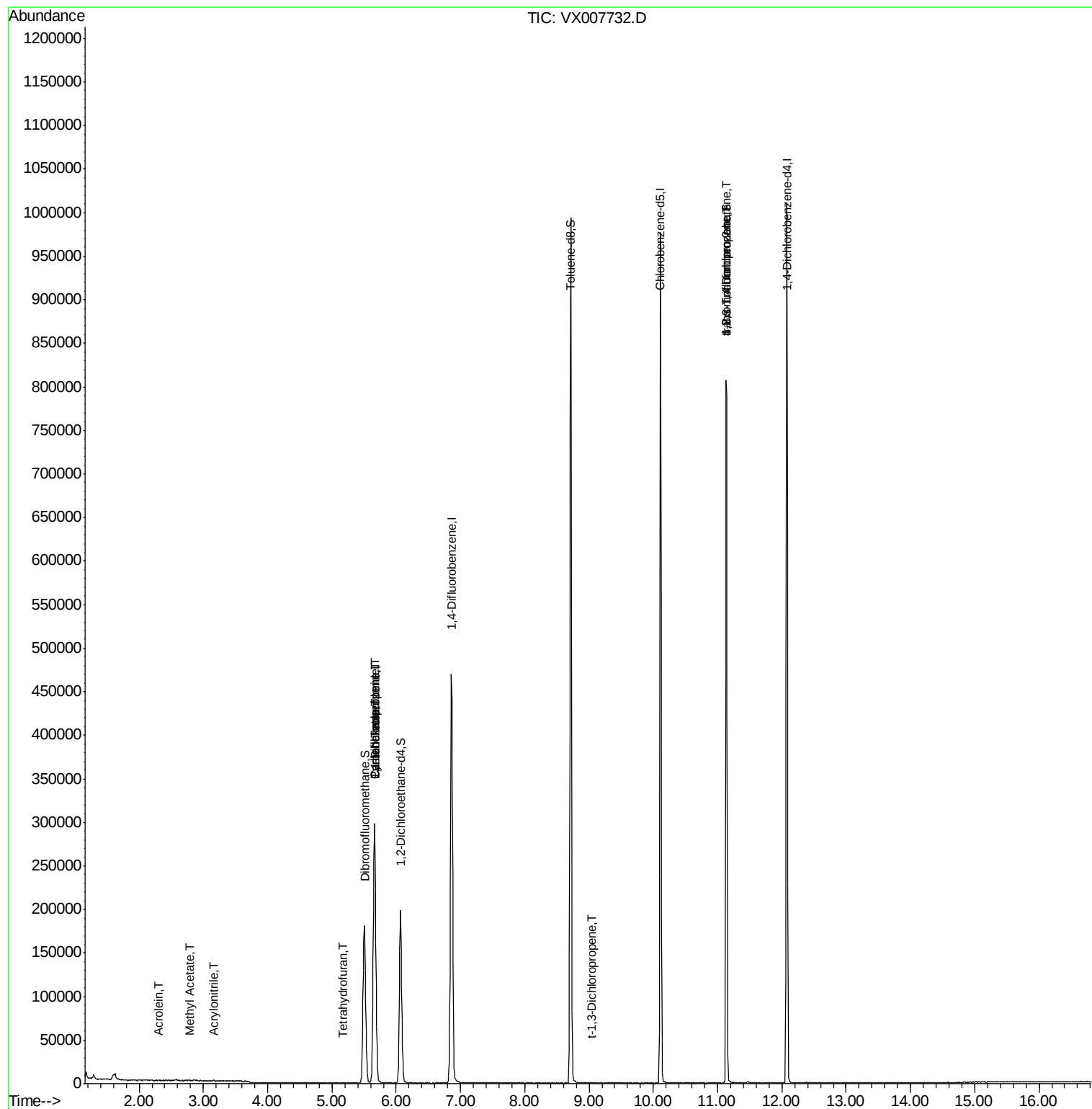
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	553	Below Cal	#	43
13) Acrolein	2.30	56	155	0.243	ug/l #	14
15) Acrylonitrile	3.15	53	375	0.222	ug/l #	61
18) Methyl Acetate	2.78	43	1220	0.332	ug/l #	91
29) Tetrahydrofuran	5.16	42	476	0.281	ug/l #	56
31) Cyclohexane	5.67	56	5493	1.043	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	20386	4.752	ug/l #	47
38) Carbon Tetrachloride	5.66	117	27059	6.279	ug/l #	16
53) t-1,3-Dichloropropene	9.04	75	88	2.819	ug/l #	43
76) 1,2,3-Trichloropropane	11.13	75	102007	22.193	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	102007	58.900	ug/l #	9

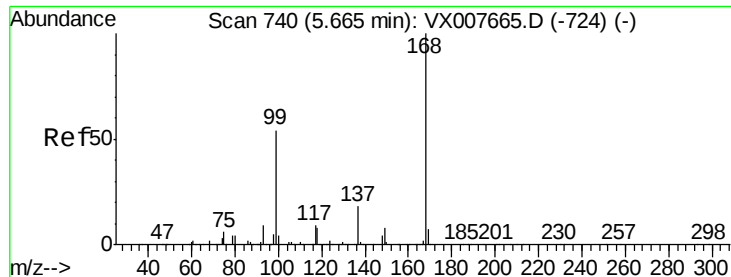
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007732.D

Acq: 27 Feb 2019 14:23

Instrument :

MSVOA_X

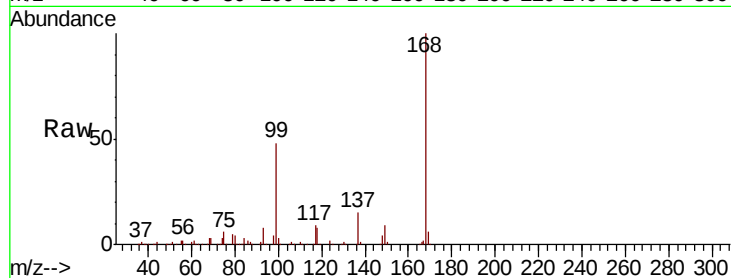
ClientSampleId :

Tot Ion:168 Resp: 305983

Ion Ratio Lower Upper

168 100

99 48.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

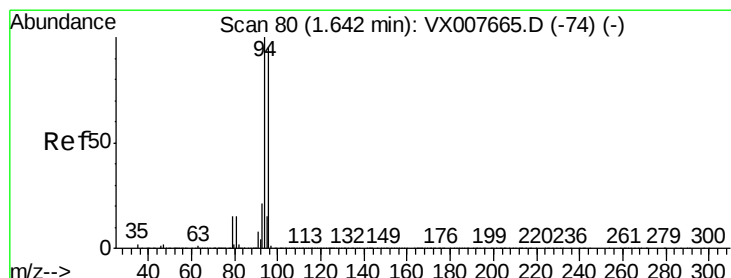
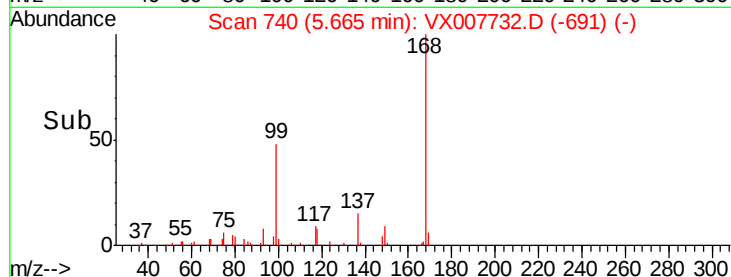
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007732.D

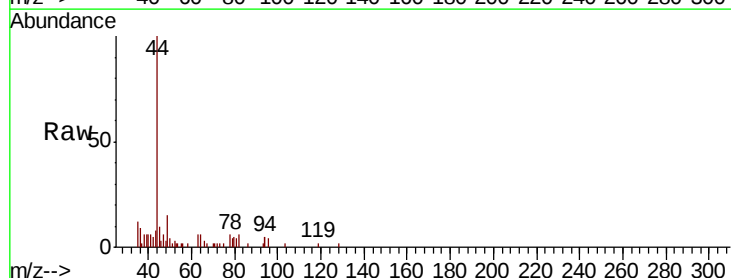
Acq: 27 Feb 2019 14:23

Tgt Ion: 94 Resp: 553

Ion Ratio Lower Upper

94 100

96 37.5 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

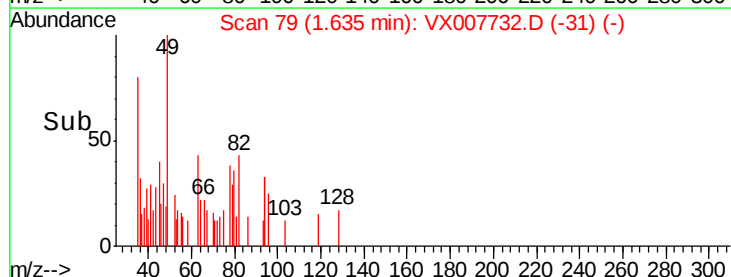
300

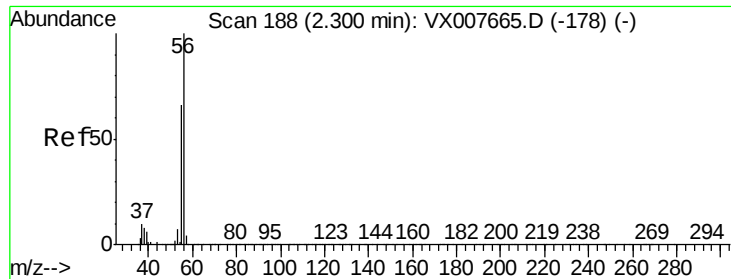
200

100

0

Time-->





#13

Acrolein

Concen: 0.243 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007732.D

Acq: 27 Feb 2019 14:23

Instrument :

MSVOA_X

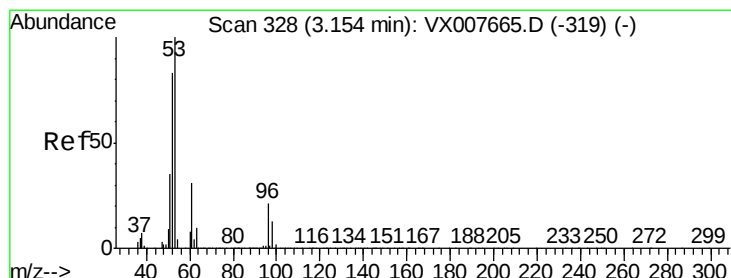
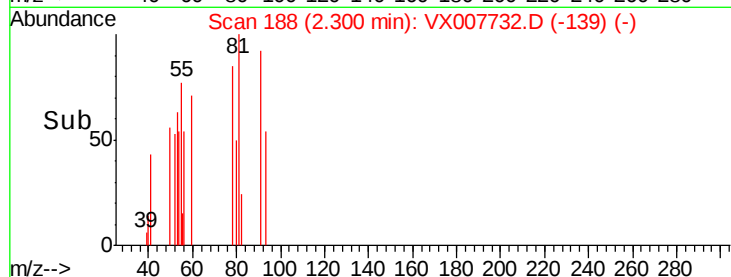
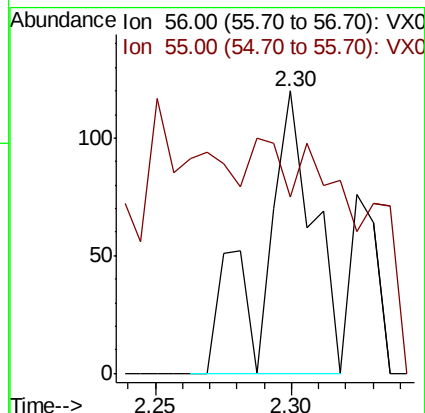
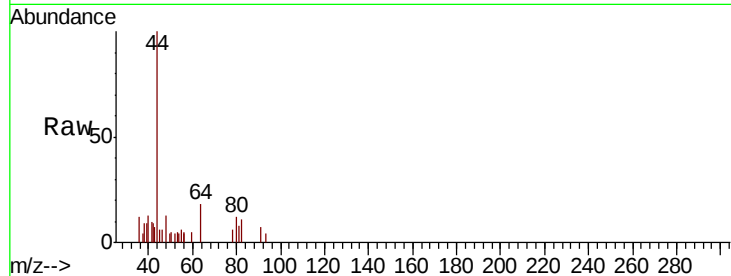
ClientSampleId :

Tot Ion: 56 Resp: 155

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#15

Acrylonitrile

Concen: 0.222 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007732.D

Acq: 27 Feb 2019 14:23

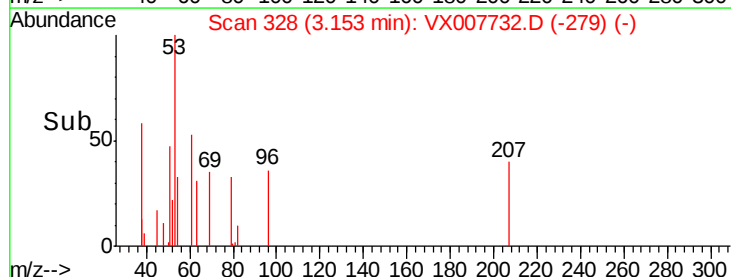
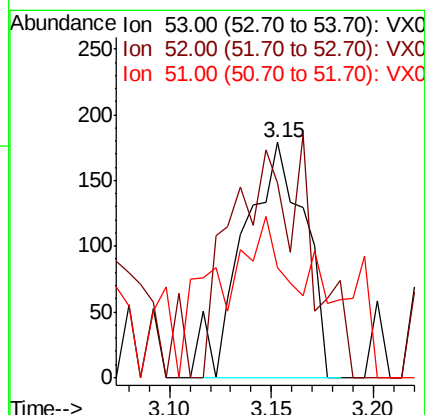
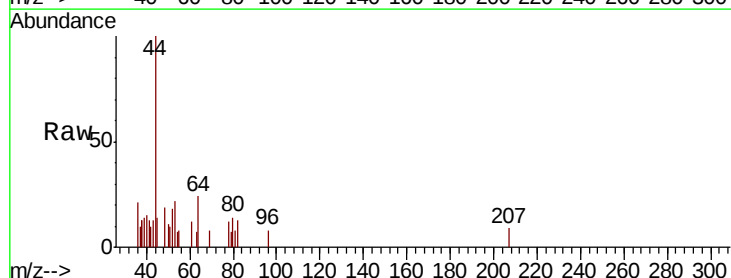
Tgt Ion: 53 Resp: 375

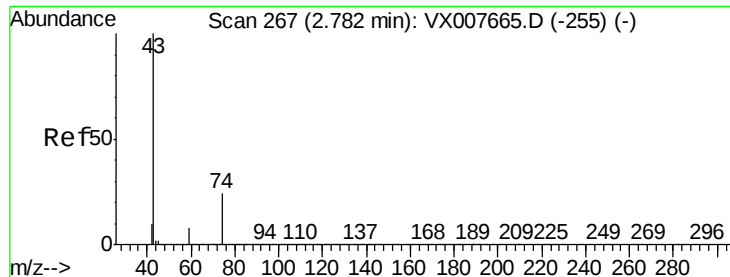
Ion Ratio Lower Upper

53 100

52 124.0 66.4 99.6#

51 21.6 28.4 42.6#

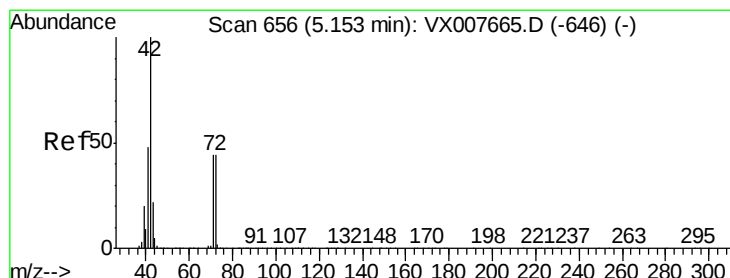
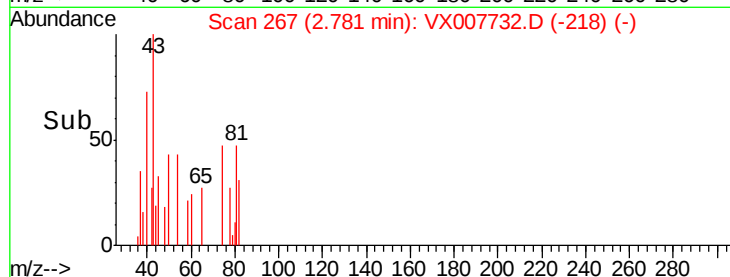
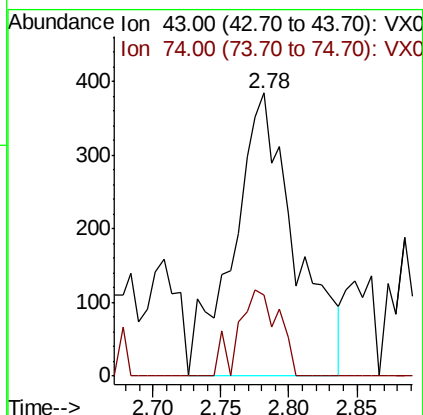
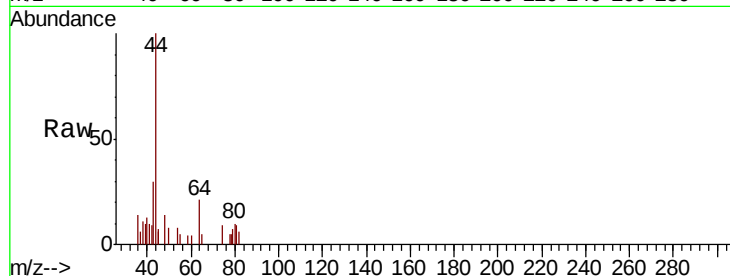




#18
Methyl Acetate
Concen: 0.332 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007732.D
Acq: 27 Feb 2019 14:23

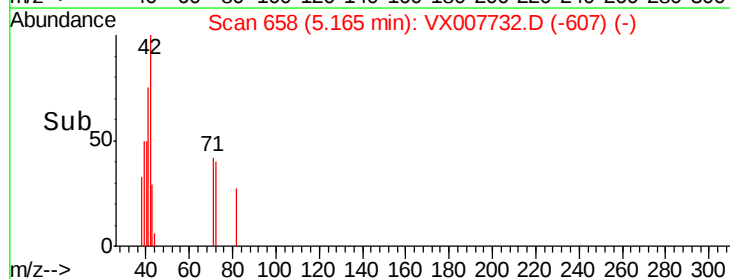
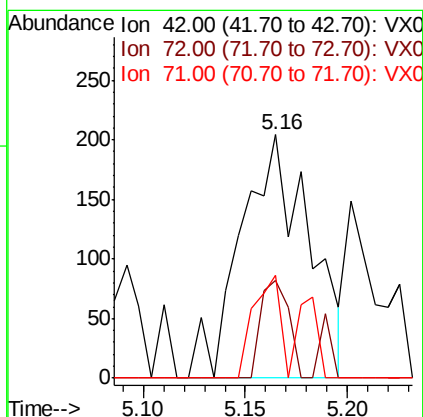
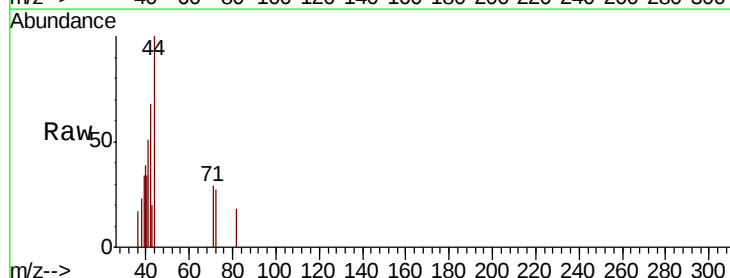
Instrument :
MSVOA_X
ClientSampled :

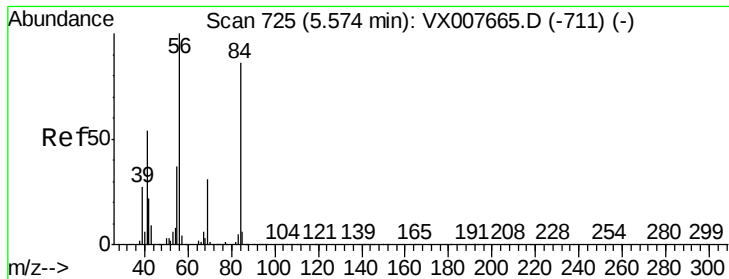
Tot Ion: 43 Resp: 1220
Ion Ratio Lower Upper
43 100
74 19.7 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.281 ug/l
RT: 5.16 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX007732.D
Acq: 27 Feb 2019 14:23

Tgt Ion: 42 Resp: 476
Ion Ratio Lower Upper
42 100
72 16.6 37.6 56.4#
71 16.6 34.6 51.8#

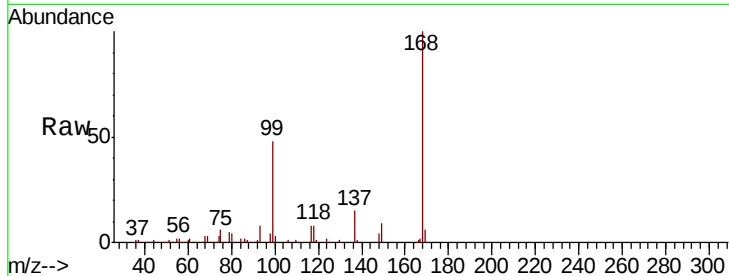




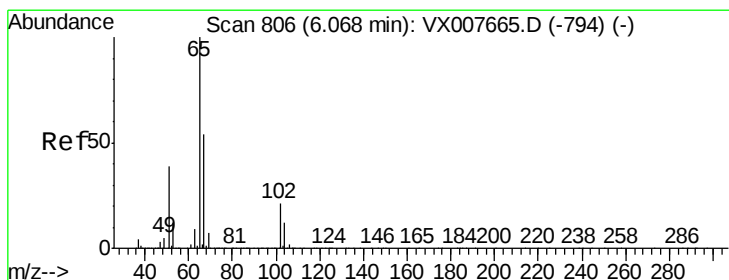
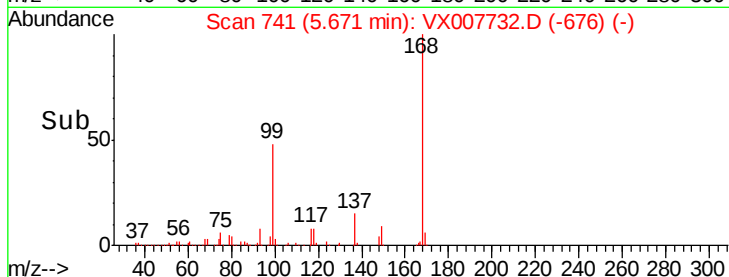
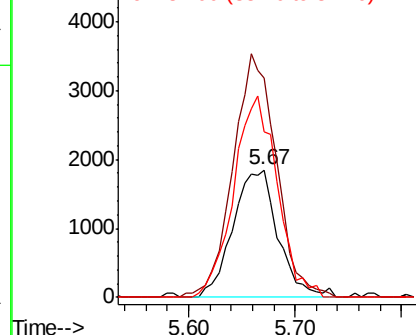
#31
Cyclohexane
Concen: 1.043 ug/l
RT: 5.67 min Scan# 741
Delta R.T. 0.10 min
Lab File: VX007732.D
Acq: 27 Feb 2019 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 5493
Ion Ratio Lower Upper
56 100
69 172.4 23.0 34.6#
84 130.2 69.8 104.6#

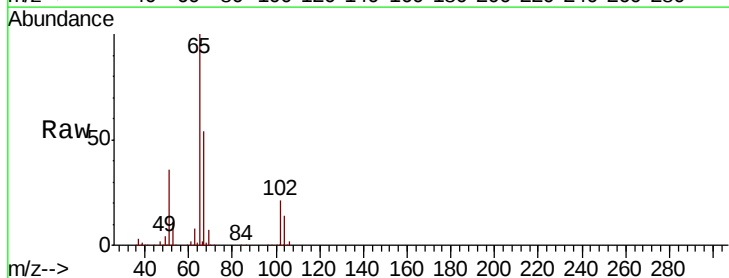


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

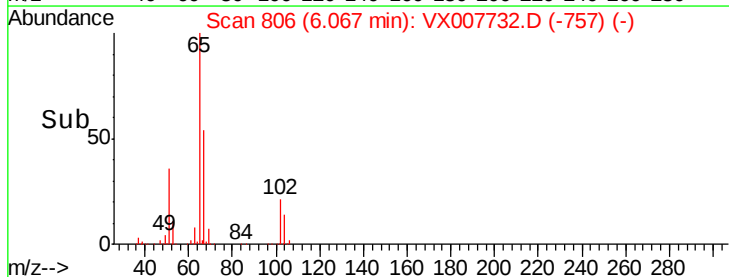
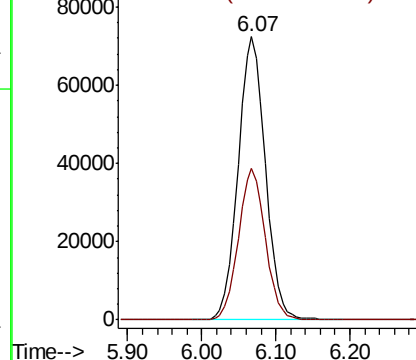


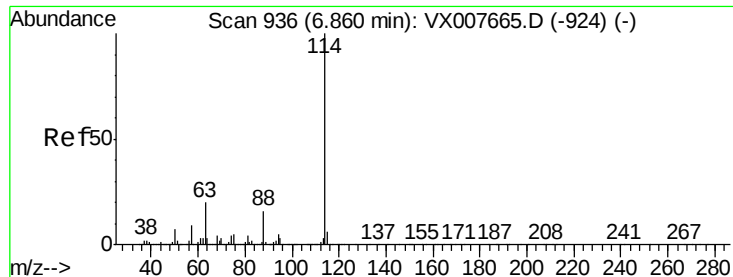
#33
1,2-Dichloroethane-d4
Concen: 49.059 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007732.D
Acq: 27 Feb 2019 14:23

Tgt Ion: 65 Resp: 185941
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.8



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: VX007732.D

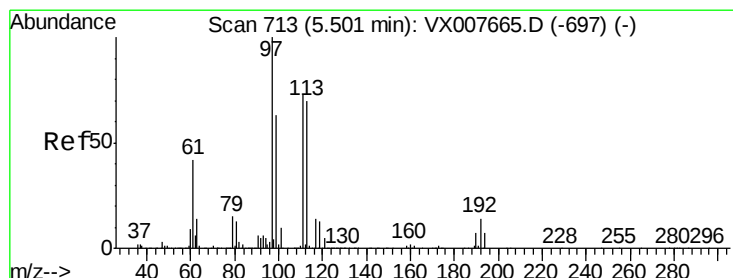
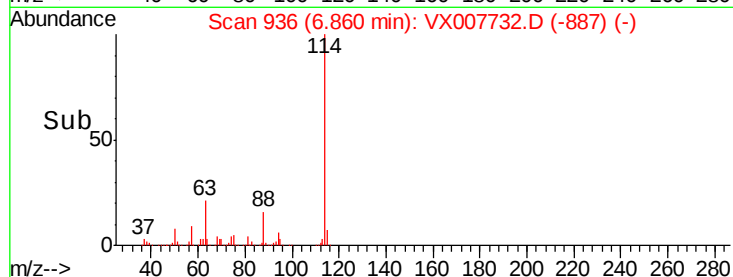
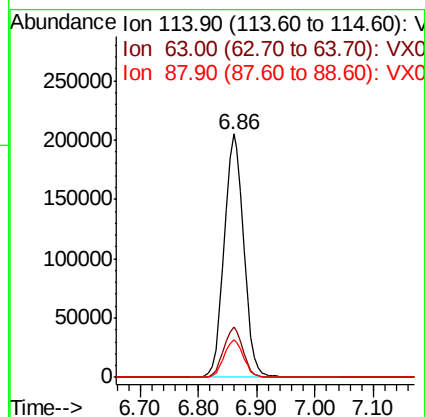
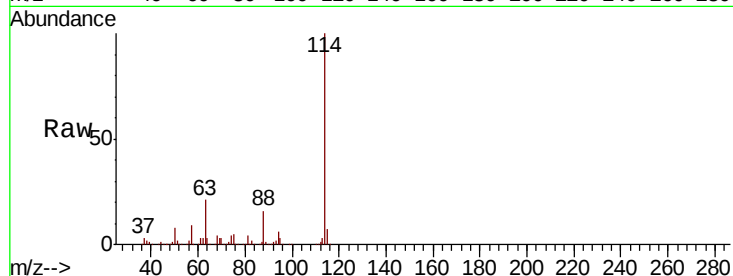
Acq: 27 Feb 2019 14:23

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:114	Resp:	477171
Ion Ratio	Lower	Upper
114 100		
63 20.5	0.0	35.6
88 15.6	0.0	29.6



#35

Dibromofluoromethane

Concen: 48.131 ug/l

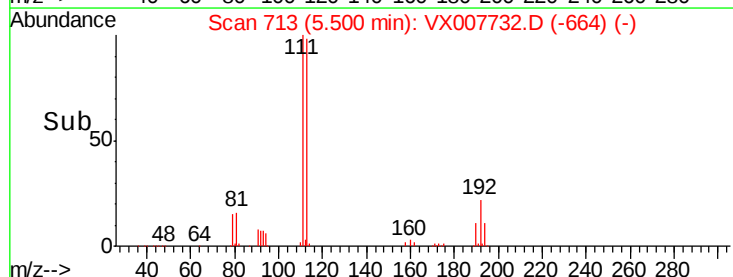
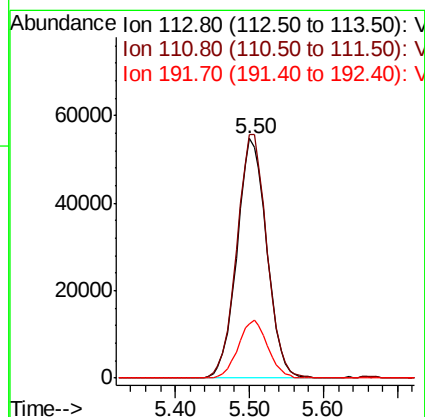
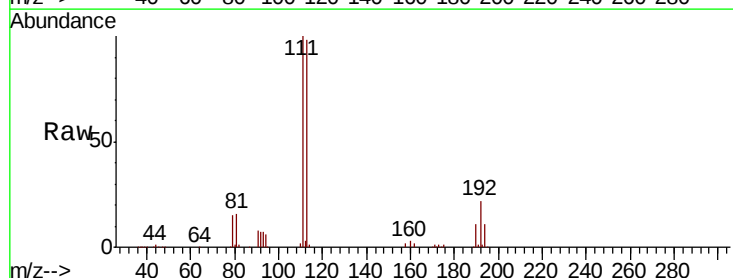
RT: 5.50 min Scan# 713

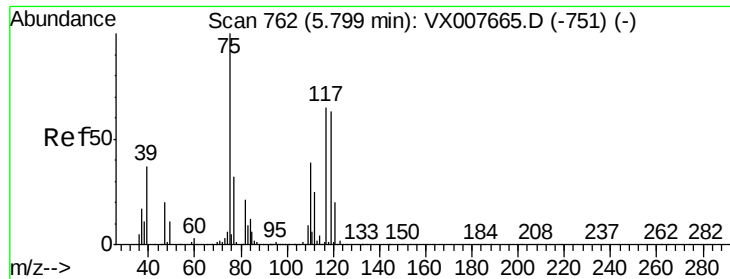
Delta R.T. -0.00 min

Lab File: VX007732.D

Acq: 27 Feb 2019 14:23

Tgt Ion:113	Resp:	153526
Ion Ratio	Lower	Upper
113 100		
111 102.4	81.8	122.8
192 23.9	18.5	27.7

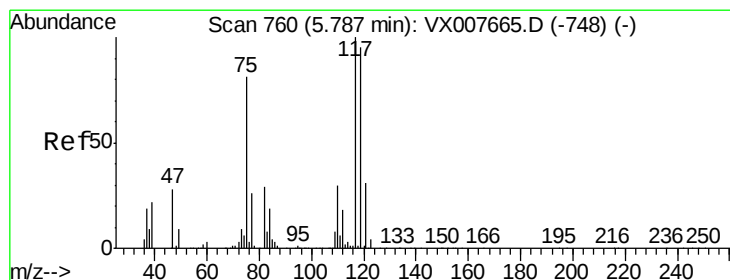
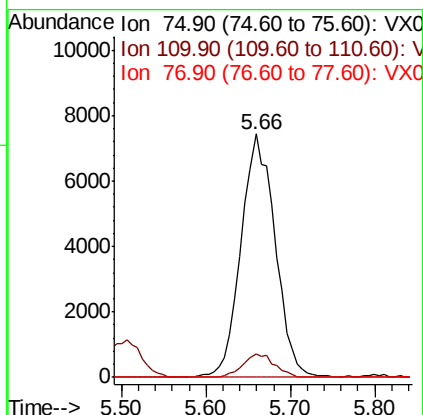
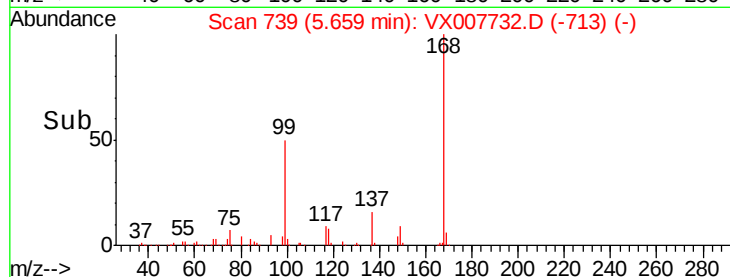
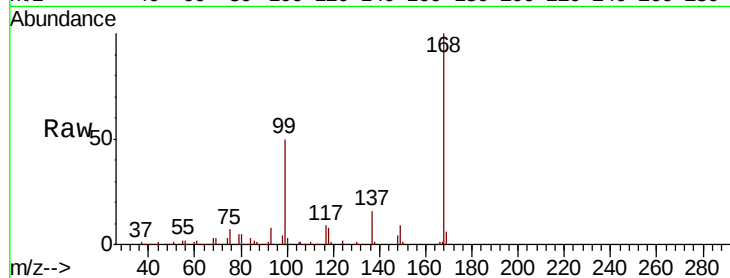




#36
 1,1-Dichloropropene
 Concen: 4.752 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX007732.D
 Acq: 27 Feb 2019 14:23

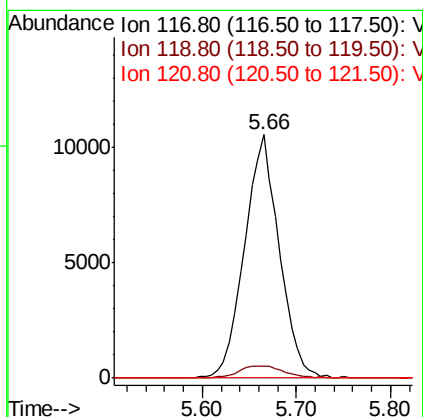
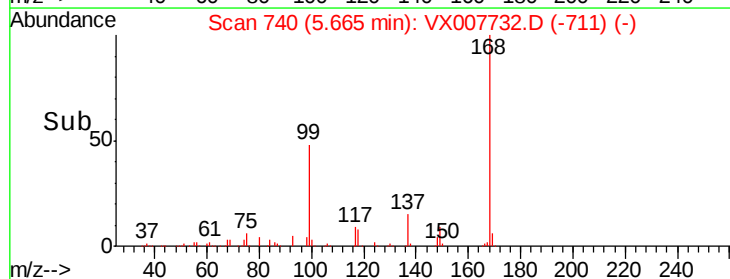
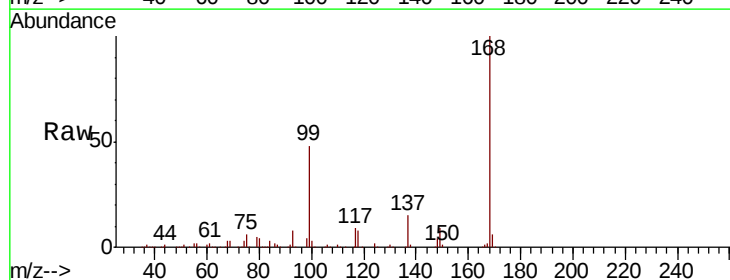
Instrument :
 MSVOA_X
 ClientSampleId :

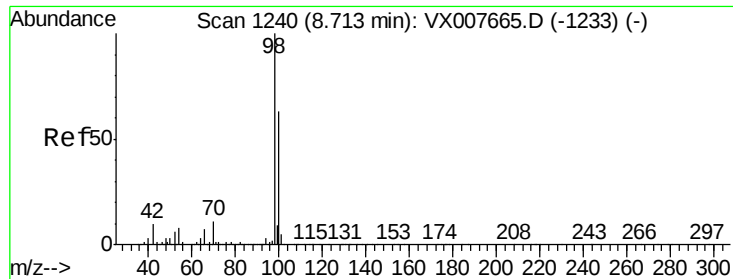
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	20.0	59.9#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.279 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX007732.D
 Acq: 27 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.3	112.9#
121	0.0	25.0	37.4#

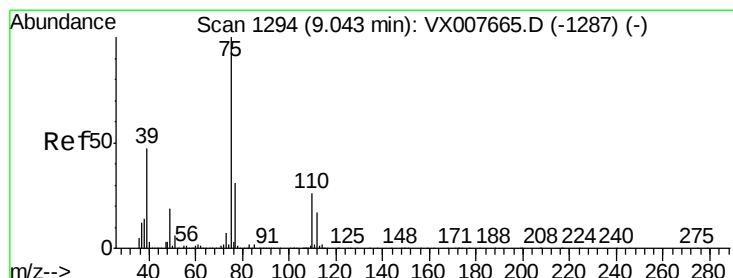
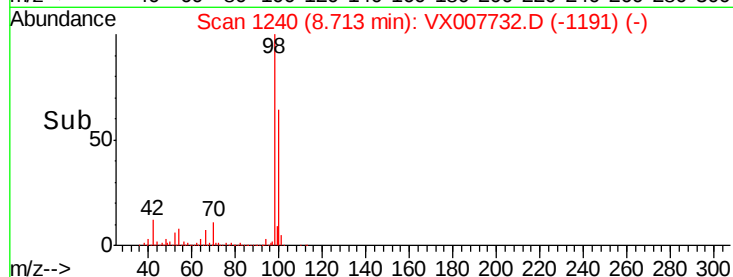
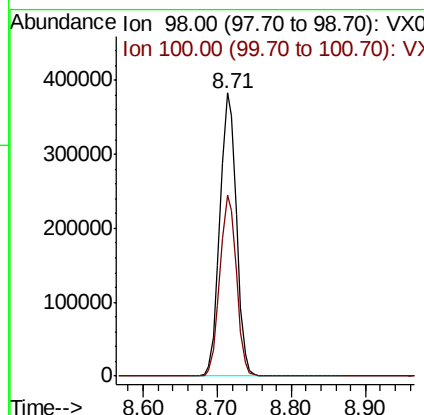
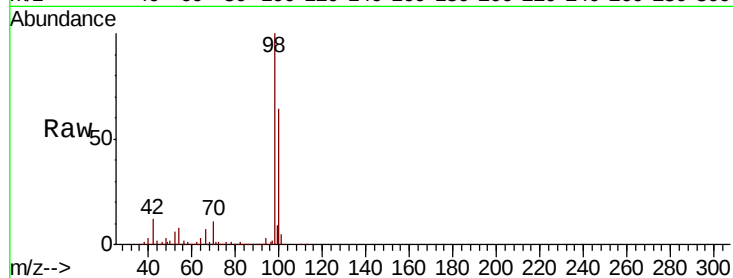




#50
Toluene-d8
Concen: 47.994 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007732.D
Acq: 27 Feb 2019 14:23

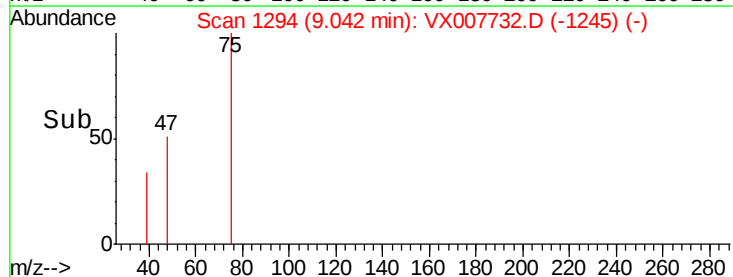
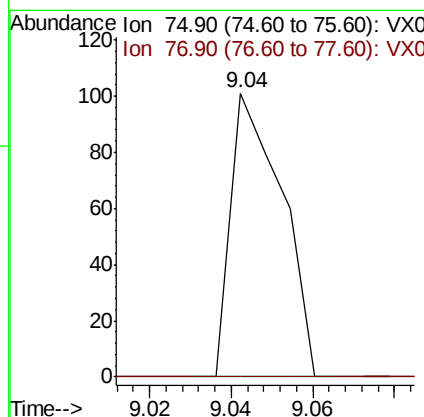
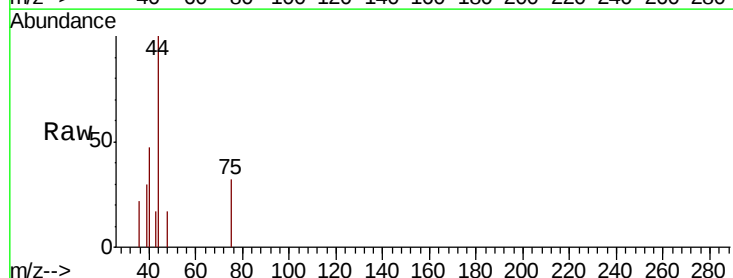
Instrument :
MSVOA_X
ClientSampleId :

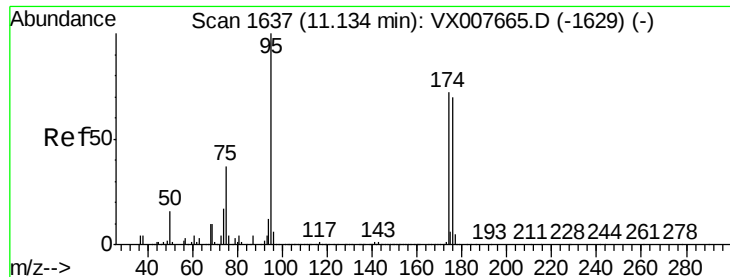
Tot Ion: 98 Resp: 586076
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



#53
t-1,3-Dichloropropene
Concen: 2.819 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007732.D
Acq: 27 Feb 2019 14:23

Tgt Ion: 75 Resp: 88
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#

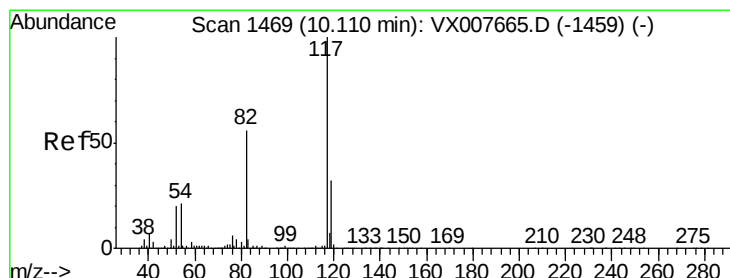
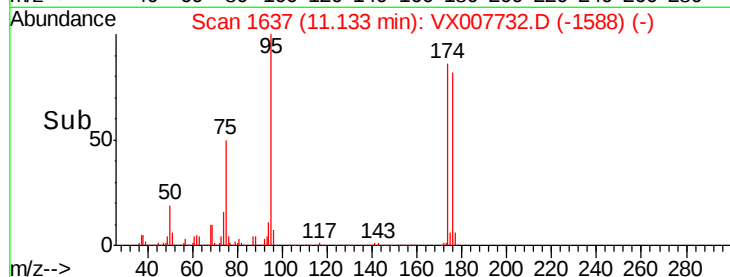
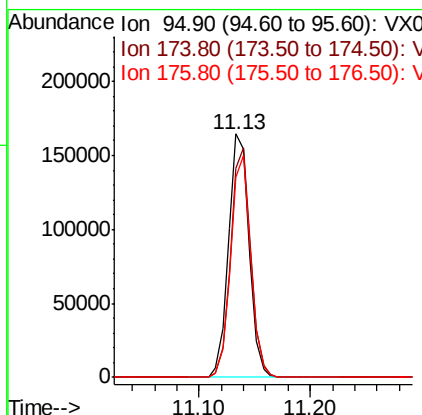
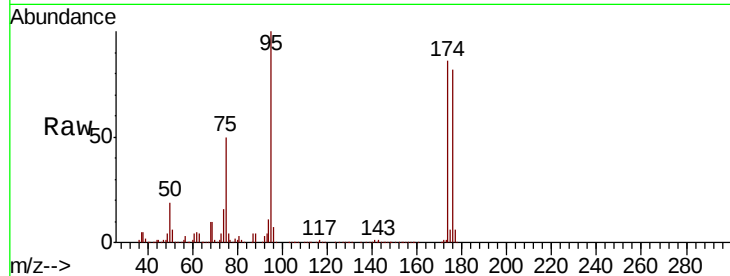




#62
 4-Bromofluorobenzene
 Concen: 46.879 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX007732.D
 Acq: 27 Feb 2019 14:23

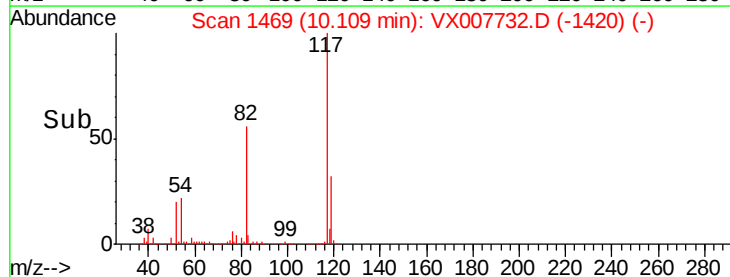
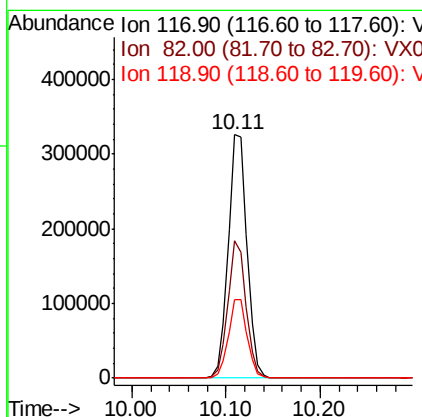
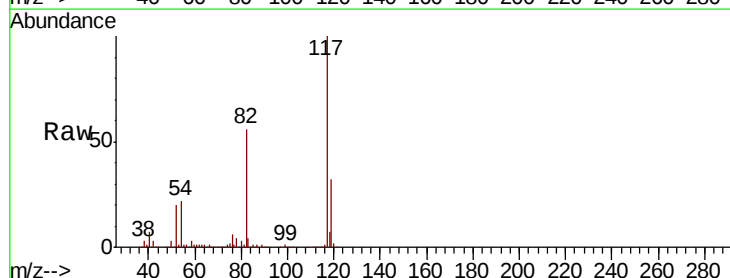
Instrument :
 MSVOA_X
 ClientSampleId :

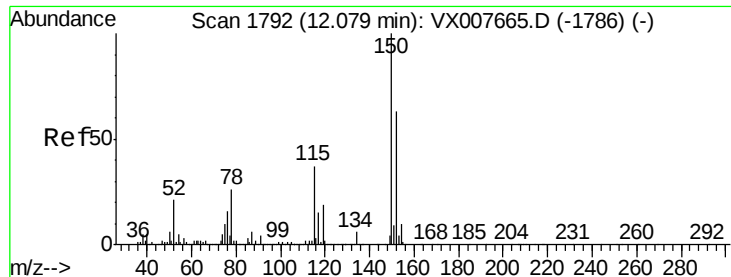
Tot Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	189.2
176	88.7	0.0	186.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX007732.D
 Acq: 27 Feb 2019 14:23

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.2	42.1	63.1
119	32.1	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007732.D

Acq: 27 Feb 2019 14:23

Instrument :

MSVOA_X

ClientSampleId :

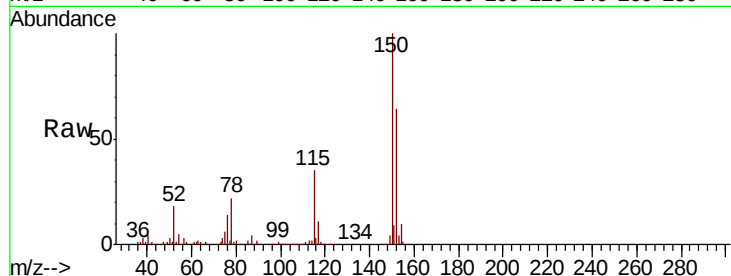
Tot Ion:152 Resp: 215637

Ion Ratio Lower Upper

152 100

115 55.6 38.0 114.0

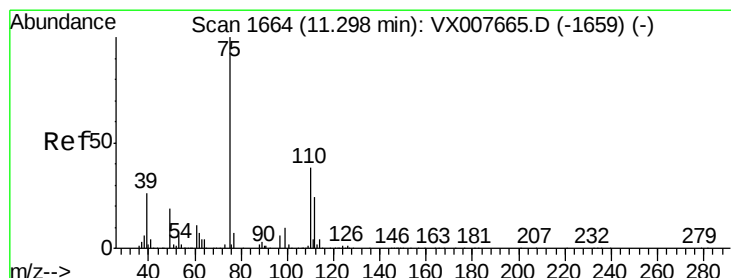
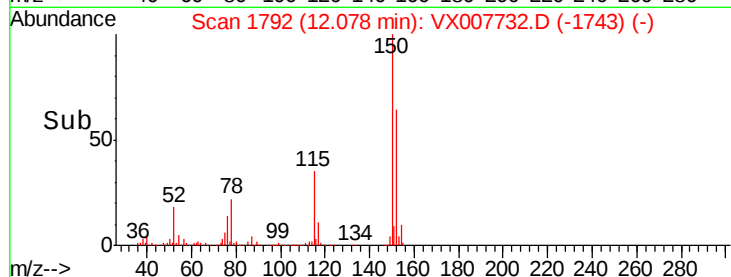
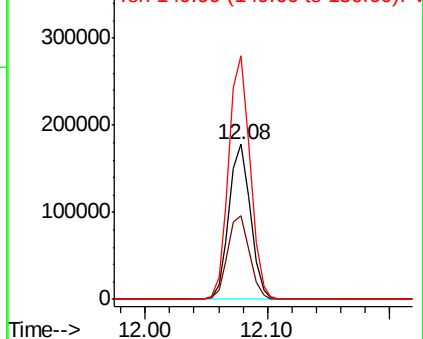
150 157.2 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 22.193 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.17 min

Lab File: VX007732.D

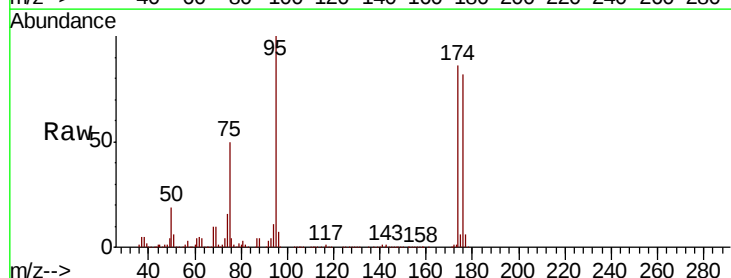
Acq: 27 Feb 2019 14:23

Tgt Ion: 75 Resp: 102007

Ion Ratio Lower Upper

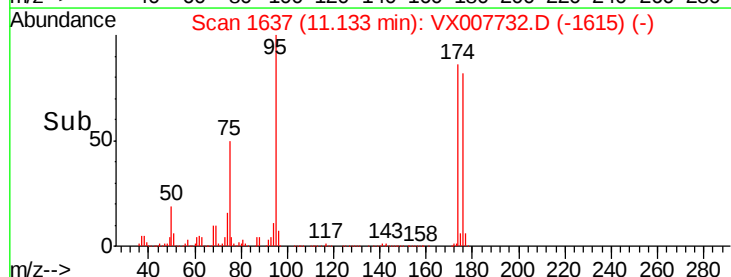
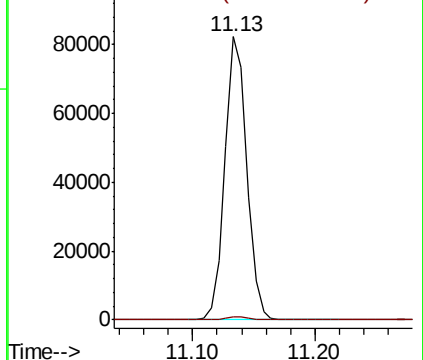
75 100

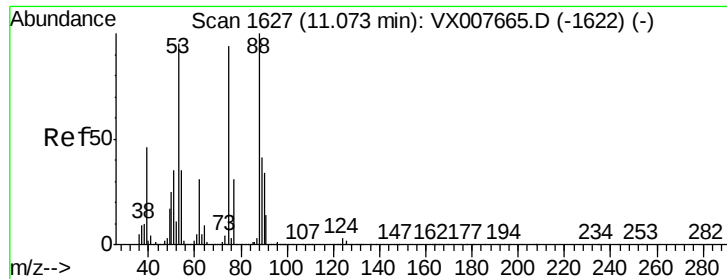
77 1.2 23.0 69.0#



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: 58.900 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007732.D

Acq: 27 Feb 2019 14:23

Instrument :

MSVOA_X

ClientSampleId :

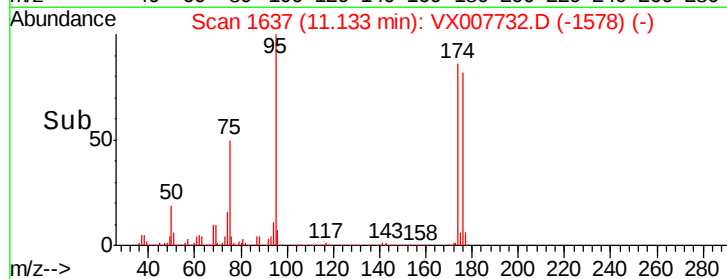
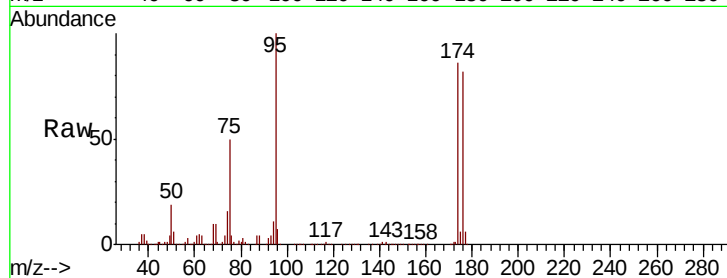
Tot Ion: 75 Resp: 102007

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.0 41.4 62.0#



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

