

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
 Data File : VX007435.D
 Acq On : 08 Feb 2019 12:01
 Operator : JC/SP
 Sample : VX0208WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 08 23:04:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	513685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	786783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	743552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	362121	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	277638	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
35) Dibromofluoromethane	5.50	113	254499	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
50) Toluene-d8	8.71	98	945930	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	334024	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	

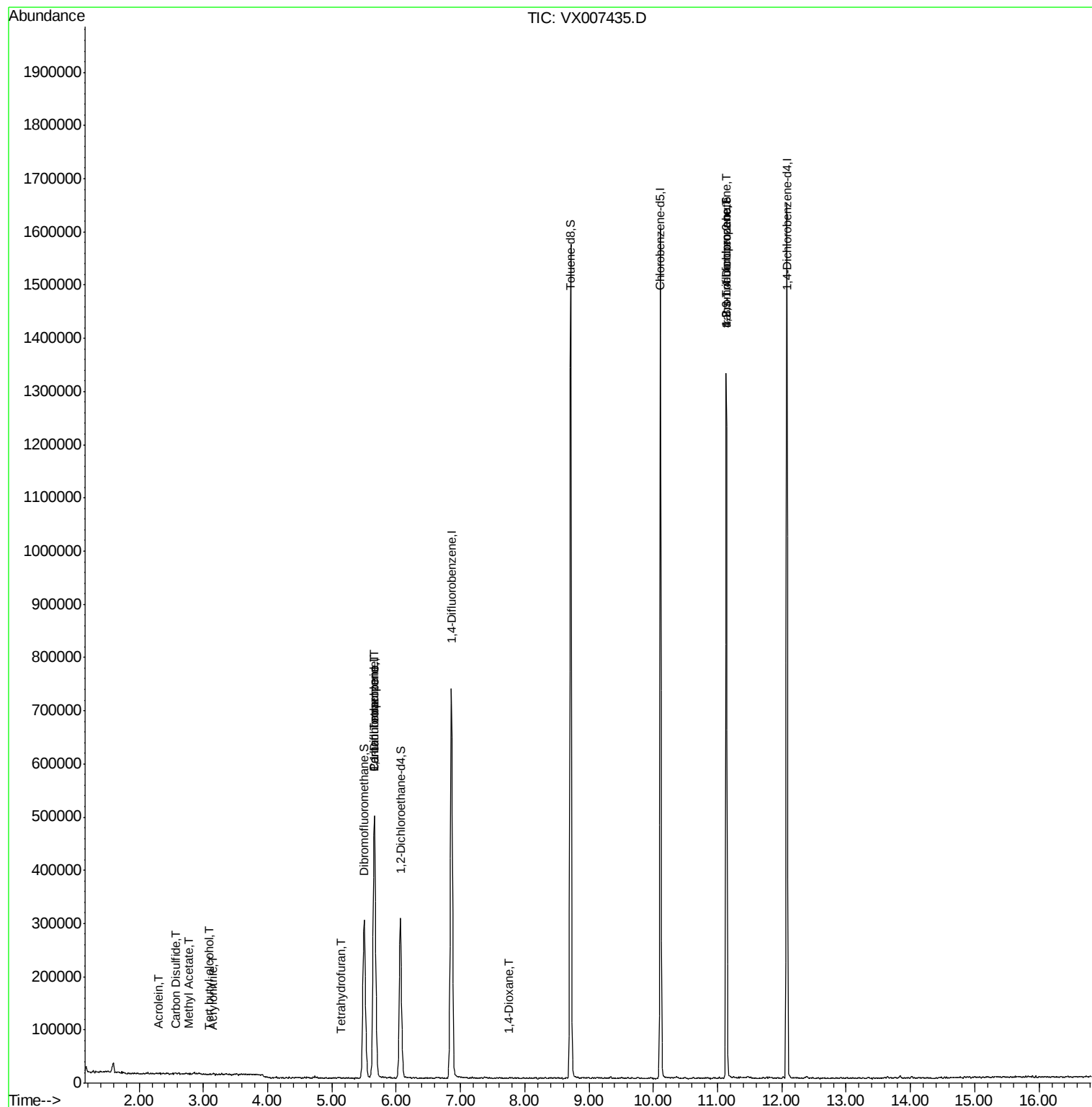
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	1156	Below Cal	#	57
11) Tert butyl alcohol	3.09	59	238	0.211	ug/l #	40
13) Acrolein	2.29	56	555	1.049	ug/l #	72
15) Acrylonitrile	3.14	53	712	0.255	ug/l #	44
17) Carbon Disulfide	2.57	76	2786	2.329	ug/l #	92
18) Methyl Acetate	2.77	43	143	0.615	ug/l #	1
20) Methylene Chloride	2.86	84	1427	Below Cal	#	75
29) Tetrahydrofuran	5.15	42	653	0.292	ug/l #	72
36) 1,1-Dichloropropene	5.66	75	32192	4.560	ug/l #	50
38) Carbon Tetrachloride	5.66	117	45621	6.661	ug/l #	20
49) 1,4-Dioxane	7.74	88	190	8.385	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	161838	22.976	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	161838	69.240	ug/l #	9

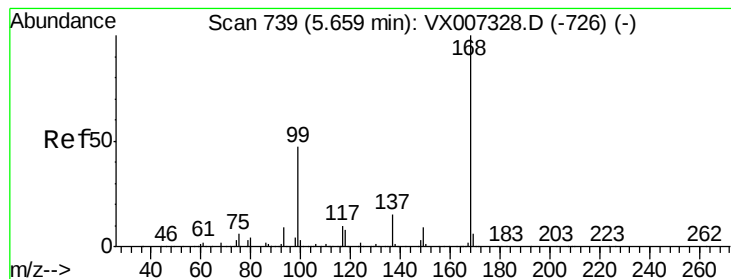
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 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: VX007435.D

Acq: 08 Feb 2019 12:01

Instrument :

MSVOA_X

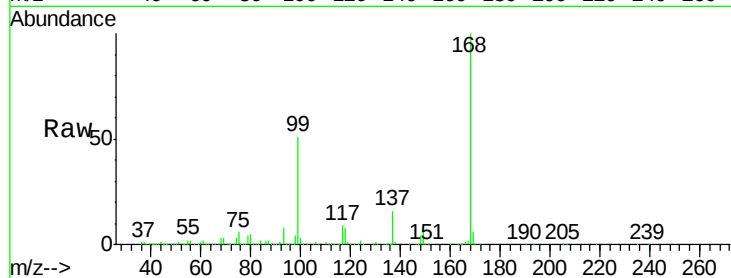
ClientSampleId :

Tot Ion:168 Resp: 513685

Ion Ratio Lower Upper

168 100

99 51.1 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

200000

150000

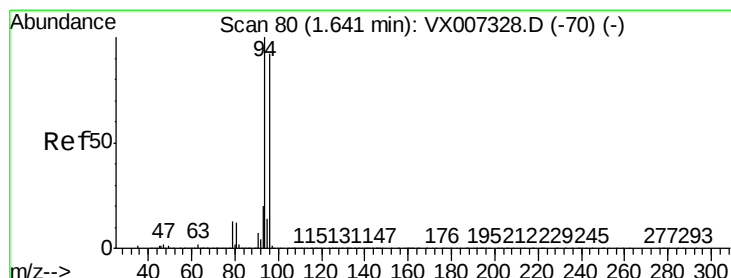
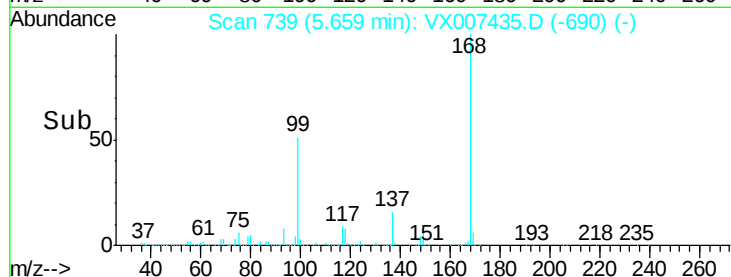
100000

50000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX007435.D

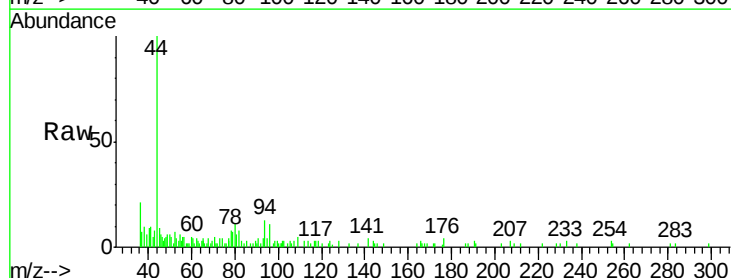
Acq: 08 Feb 2019 12:01

Tgt Ion: 94 Resp: 1156

Ion Ratio Lower Upper

94 100

96 51.7 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

600

500

400

300

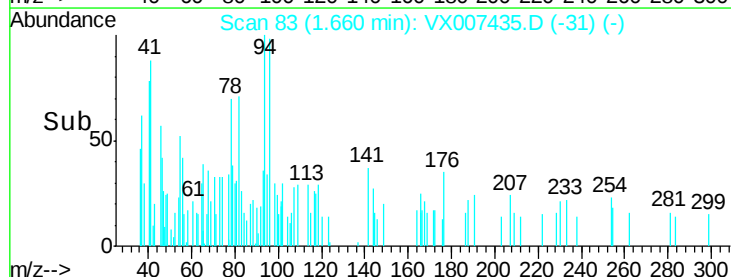
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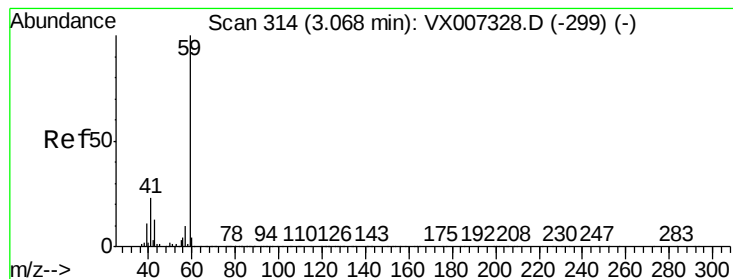
100

0

1.65 1.70

Time-->



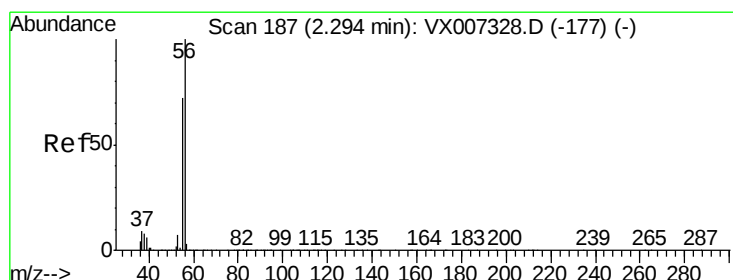
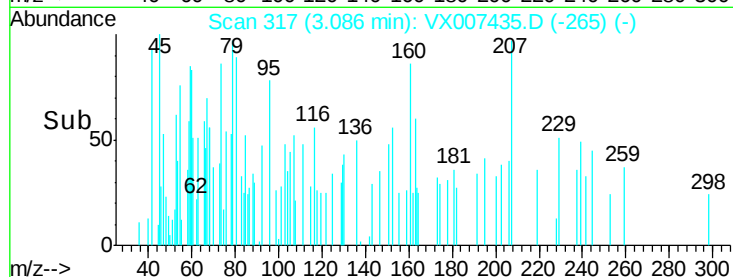
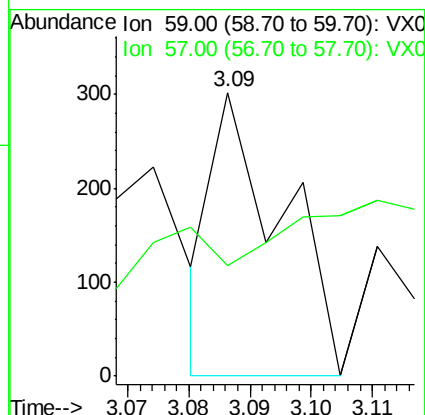
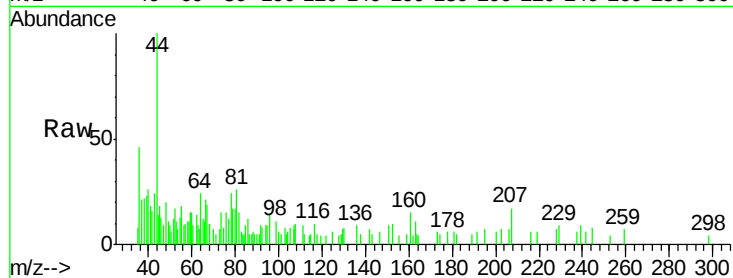


#11

Tert butyl alcohol
Concen: 0.211 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.02 min
Lab File: VX007435.D
Acq: 08 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampled :

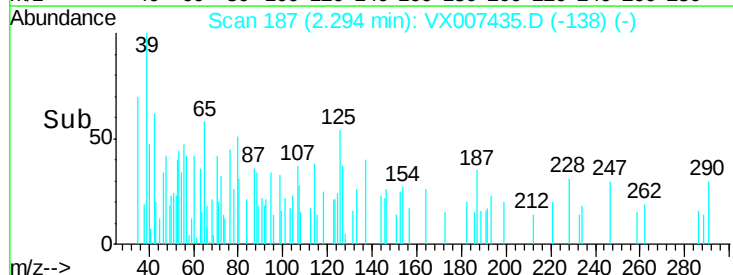
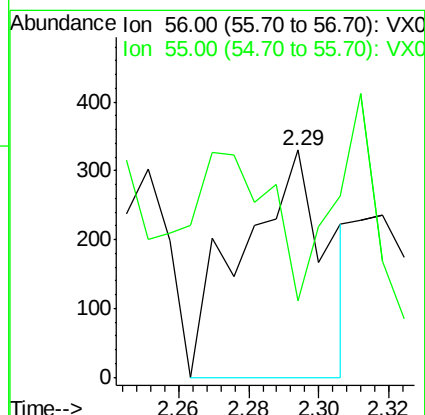
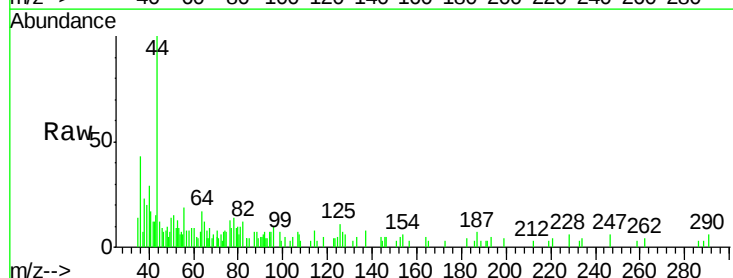
Tot Ion: 59 Resp: 238
Ion Ratio Lower Upper
59 100
57 32.4 8.1 12.1#

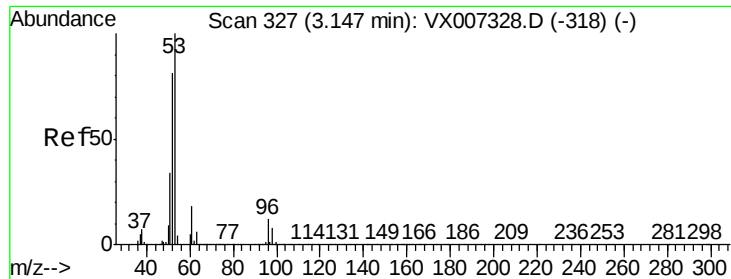


#13

Acrolein
Concen: 1.049 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX007435.D
Acq: 08 Feb 2019 12:01

Tgt Ion: 56 Resp: 555
Ion Ratio Lower Upper
56 100
55 47.6 56.9 85.3#





#15

Acrylonitrile

Concen: 0.255 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX007435.D

Acq: 08 Feb 2019 12:01

Instrument :

MSVOA_X

ClientSampled :

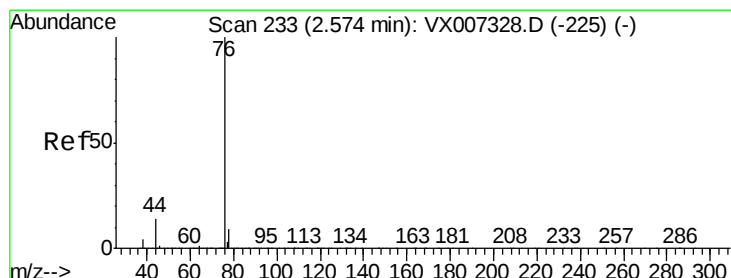
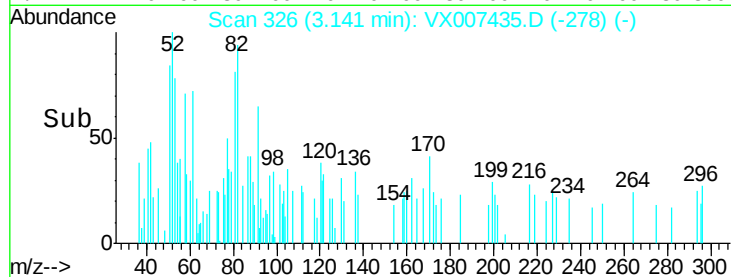
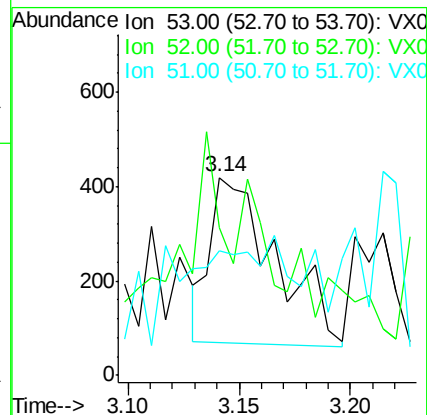
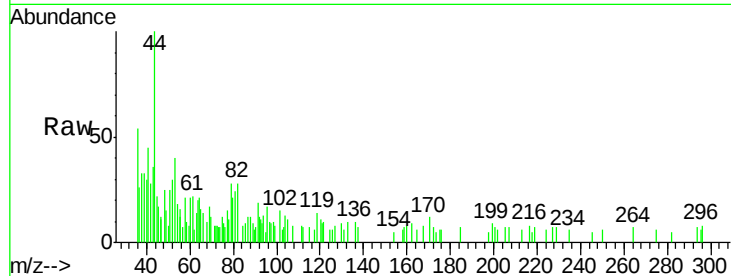
Tot Ion: 53 Resp: 712

Ion Ratio Lower Upper

53 100

52 34.3 66.4 99.6#

51 0.0 28.4 42.6#



#17

Carbon Disulfide

Concen: 2.329 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007435.D

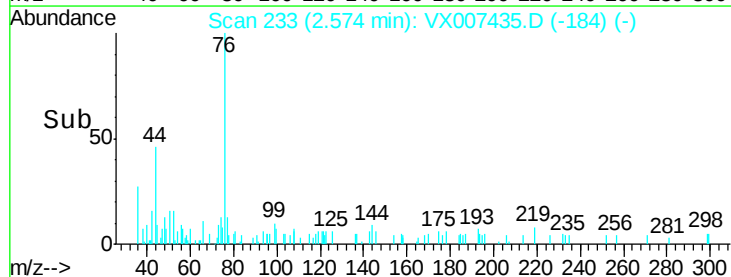
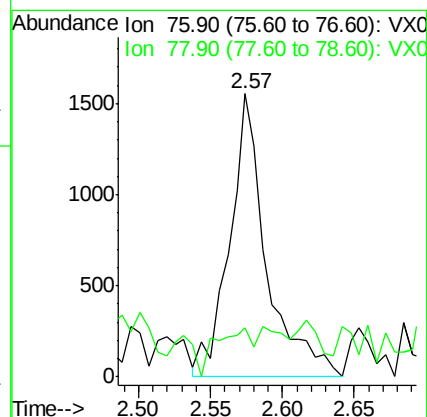
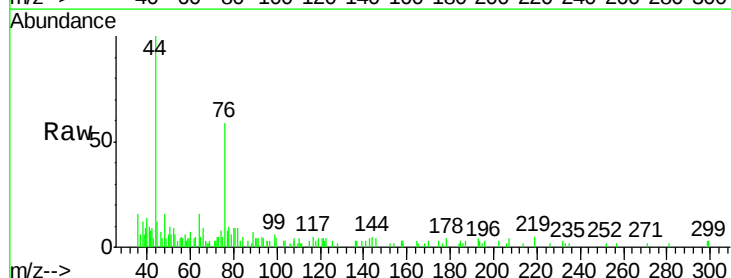
Acq: 08 Feb 2019 12:01

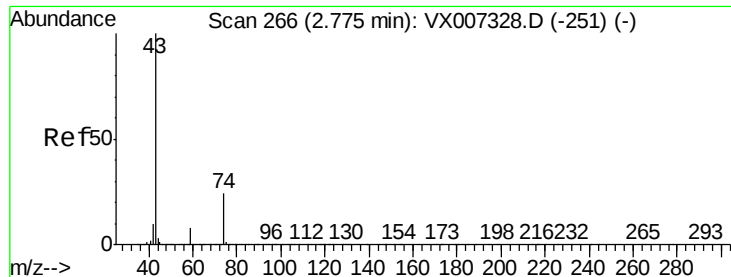
Tgt Ion: 76 Resp: 2786

Ion Ratio Lower Upper

76 100

78 6.1 7.1 10.7#

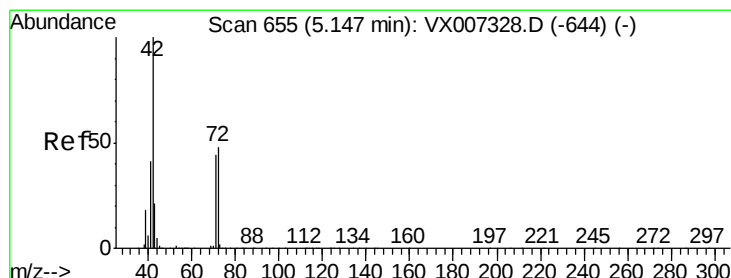
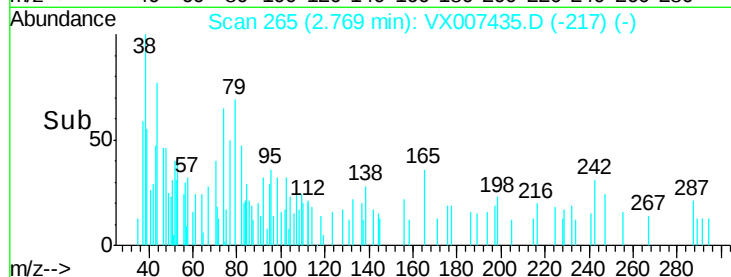
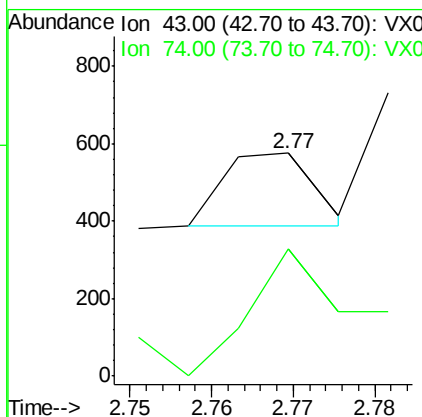
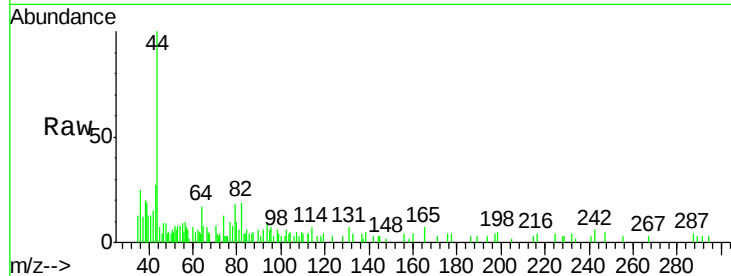




#18
Methyl Acetate
Concen: 0.615 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX007435.D
Acq: 08 Feb 2019 12:01

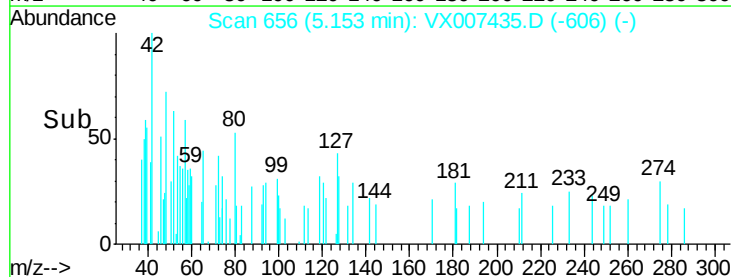
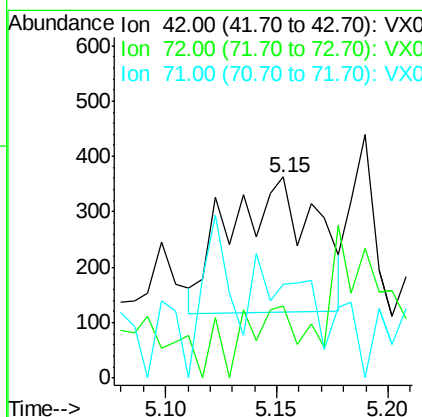
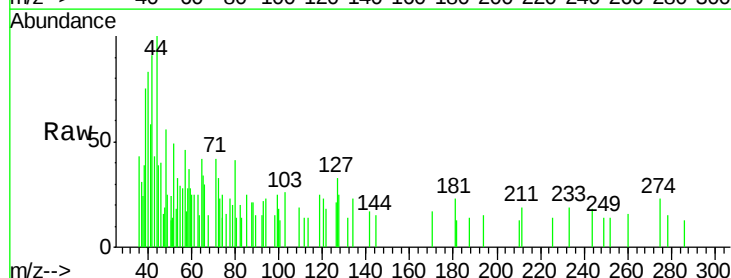
Instrument :
MSVOA_X
ClientSampled :

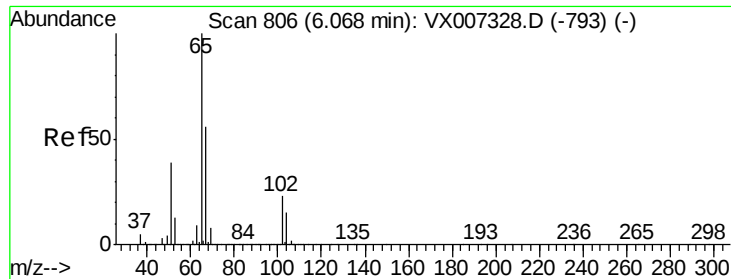
Tot Ion: 43 Resp: 143
Ion Ratio Lower Upper
43 100
74 201.4 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.292 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007435.D
Acq: 08 Feb 2019 12:01

Tgt Ion: 42 Resp: 653
Ion Ratio Lower Upper
42 100
72 34.5 37.6 56.4#
71 67.2 34.6 51.8#

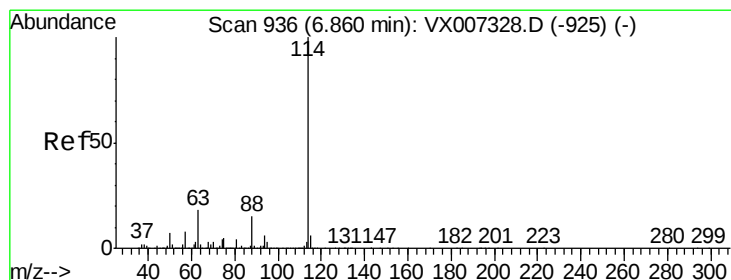
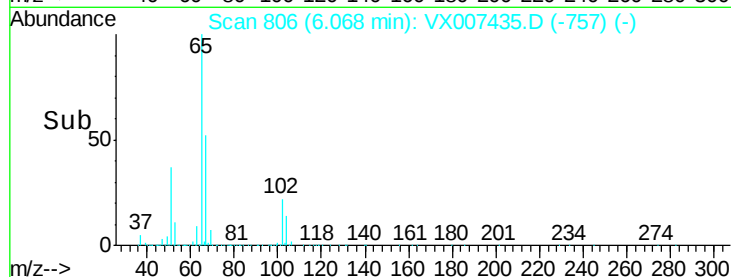
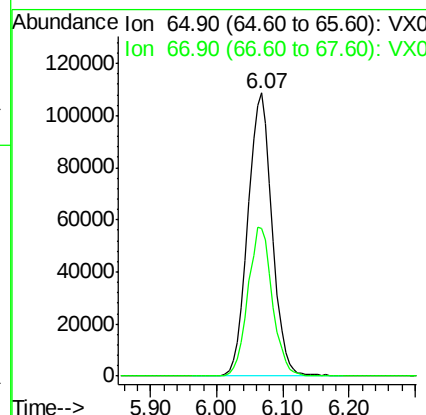
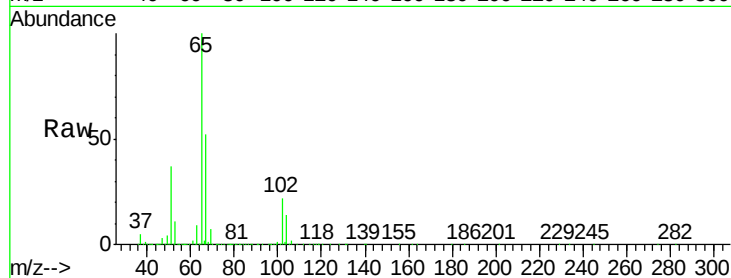




#33
 1,2-Dichloroethane-d4
 Concen: 50.921 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007435.D
 Acq: 08 Feb 2019 12:01

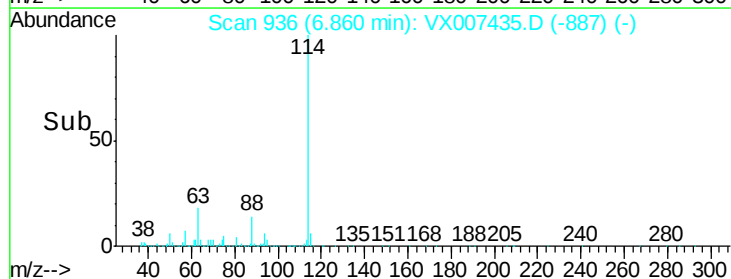
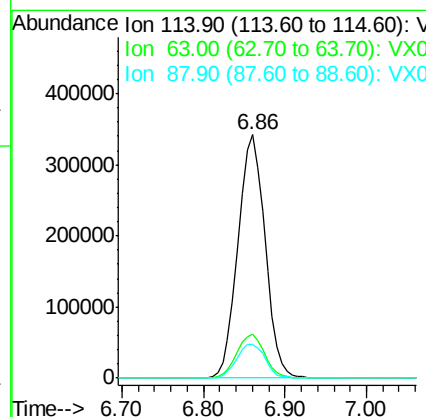
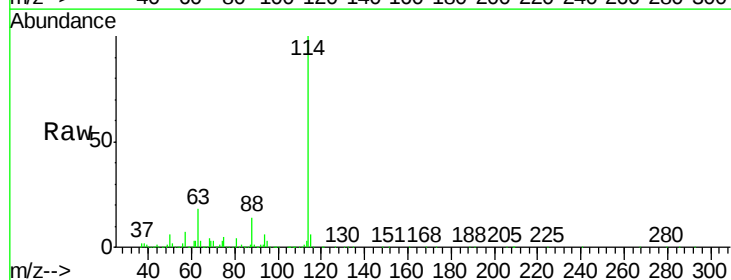
Instrument :
 MSVOA_X
 ClientSampleId :

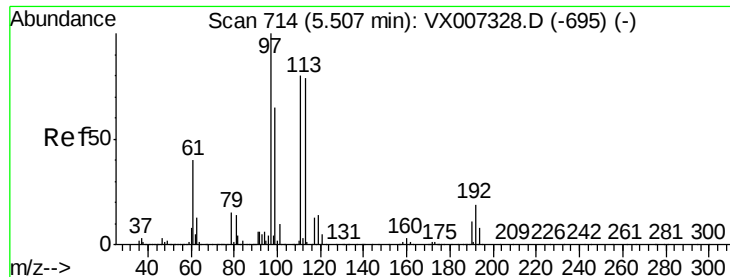
Tot Ion: 65 Resp: 277638
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007435.D
 Acq: 08 Feb 2019 12:01

Tgt Ion: 114 Resp: 786783
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.6
 88 13.9 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.713 ug/l

RT: 5.50 min Scan# 713

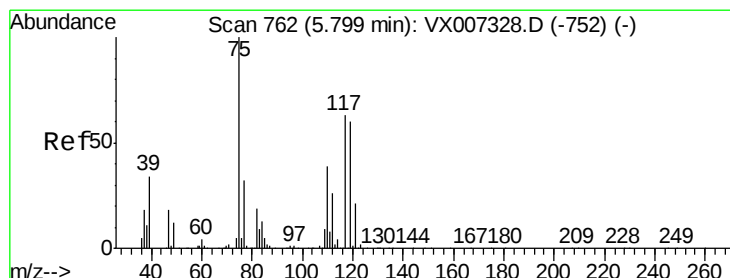
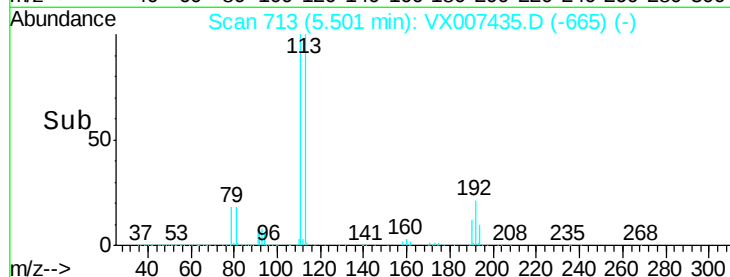
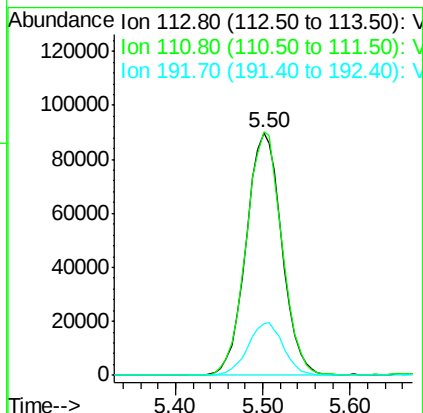
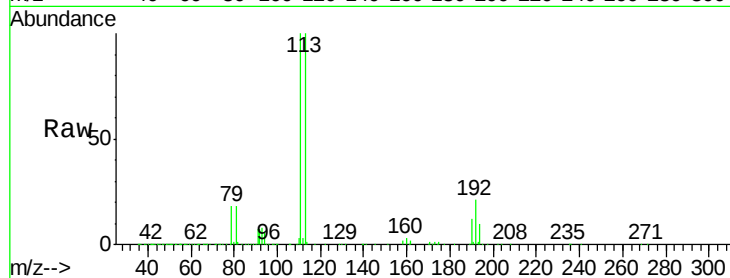
Delta R.T. -0.01 min

Lab File: VX007435.D

Acq: 08 Feb 2019 12:01

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	254499
Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.8	122.8
192	21.7	18.5	27.7



#36

1,1-Dichloropropene

Concen: 4.560 ug/l

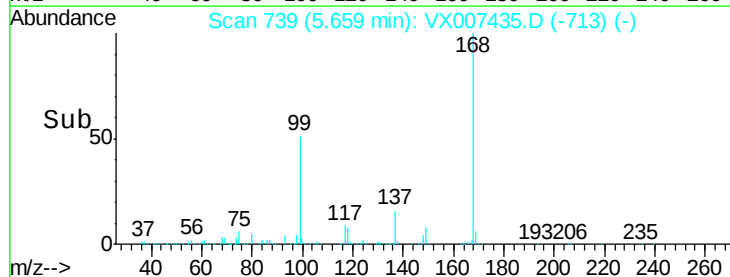
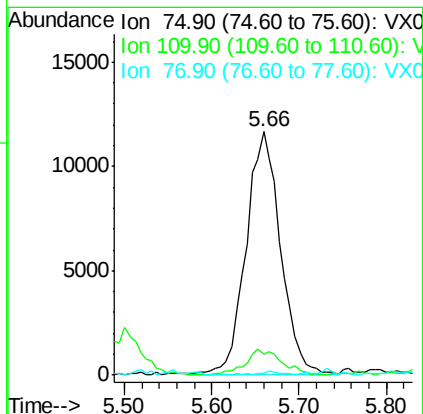
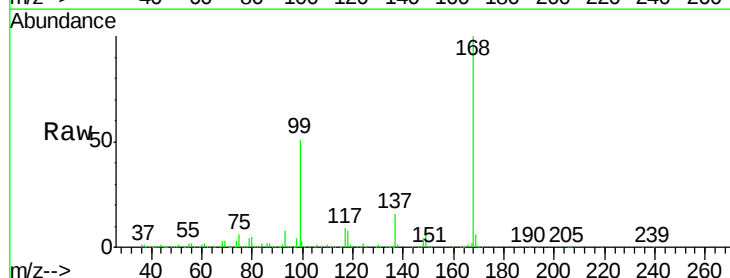
RT: 5.66 min Scan# 739

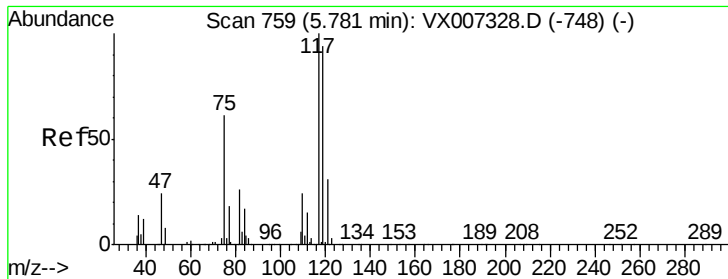
Delta R.T. -0.14 min

Lab File: VX007435.D

Acq: 08 Feb 2019 12:01

Tgt Ion:	75	Resp:	32192
Ion	Ratio	Lower	Upper
75	100		
110	11.0	20.0	59.9#
77	0.8	24.7	37.1#

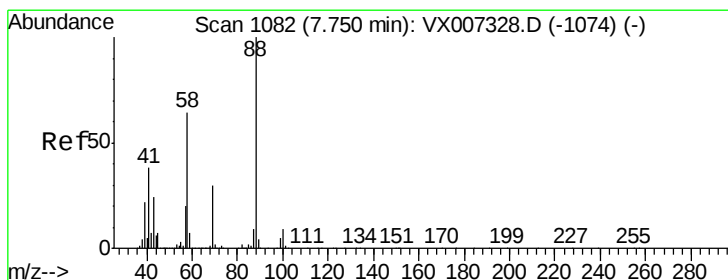
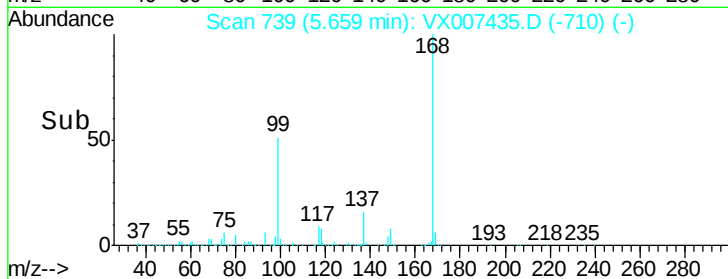
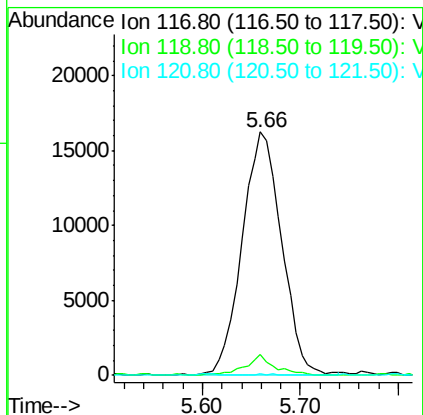
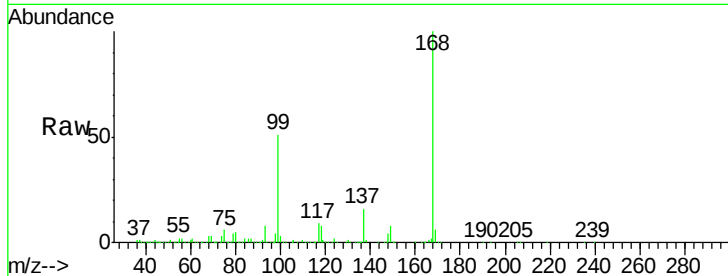




#38
Carbon Tetrachloride
Concen: 6.661 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX007435.D
Acq: 08 Feb 2019 12:01

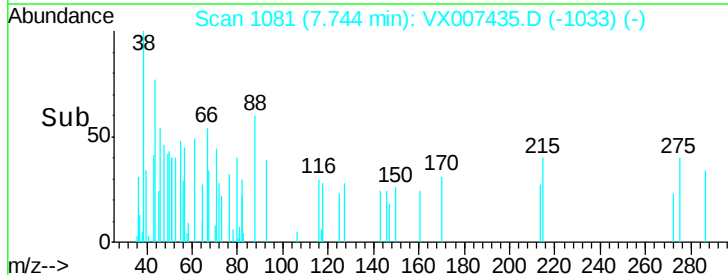
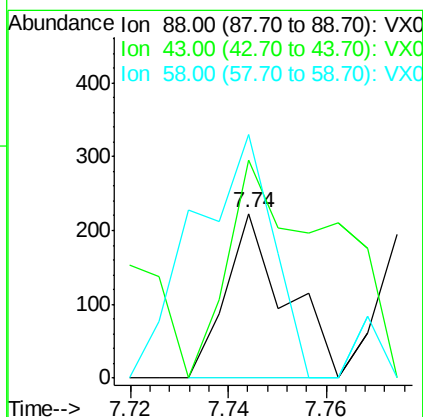
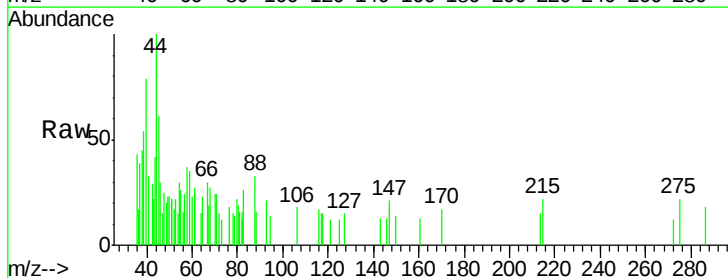
Instrument :
MSVOA_X
ClientSampleId :

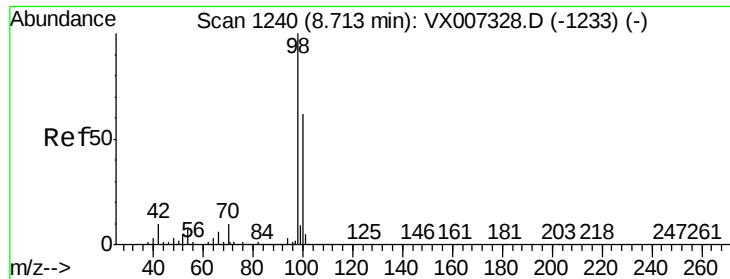
Tot Ion:117 Resp: 45621
Ion Ratio Lower Upper
117 100
119 8.5 75.3 112.9#
121 0.5 25.0 37.4#



#49
1,4-Dioxane
Concen: 8.385 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007435.D
Acq: 08 Feb 2019 12:01

Tgt Ion: 88 Resp: 190
Ion Ratio Lower Upper
88 100
43 228.9 24.2 36.4#
58 195.8 53.0 79.4#

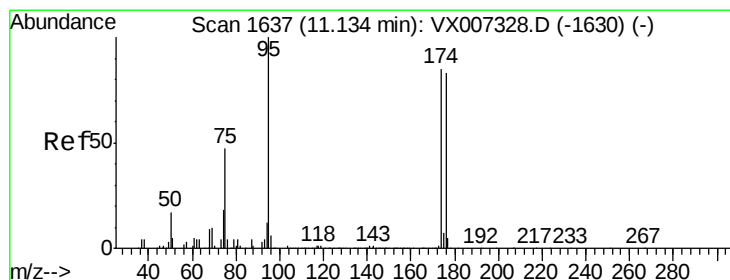
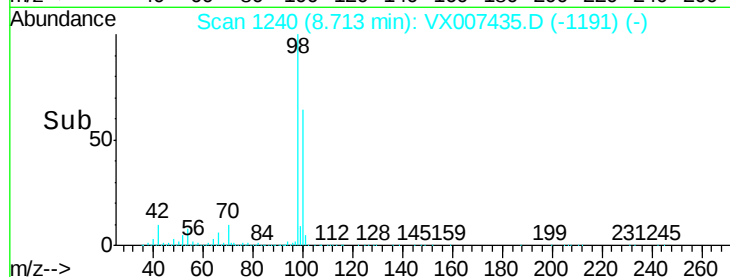
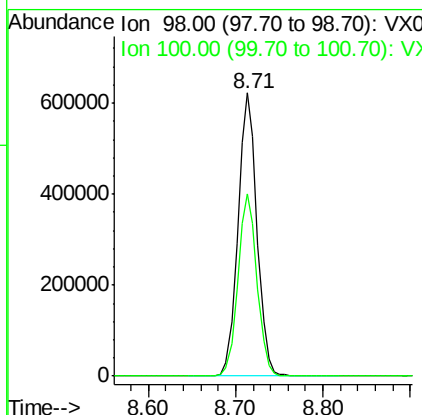
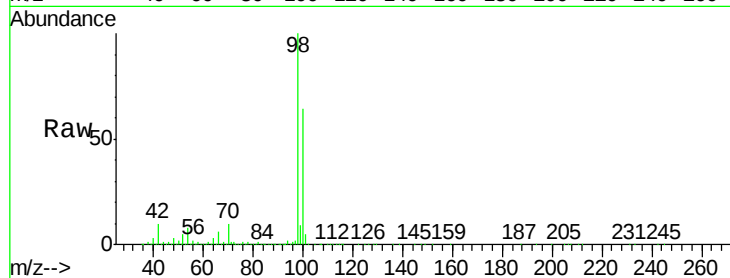




#50
Toluene-d8
Concen: 49.803 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007435.D
Acq: 08 Feb 2019 12:01

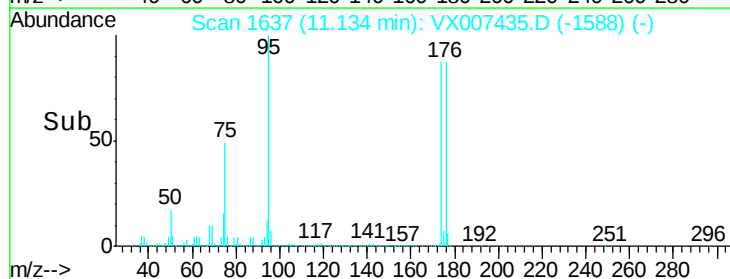
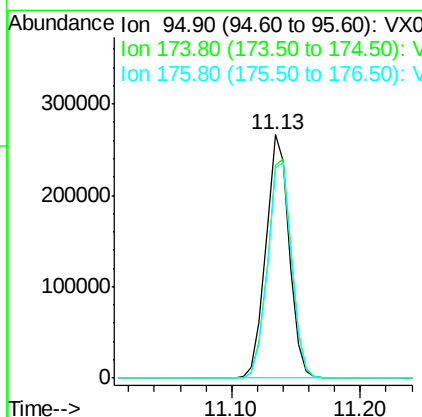
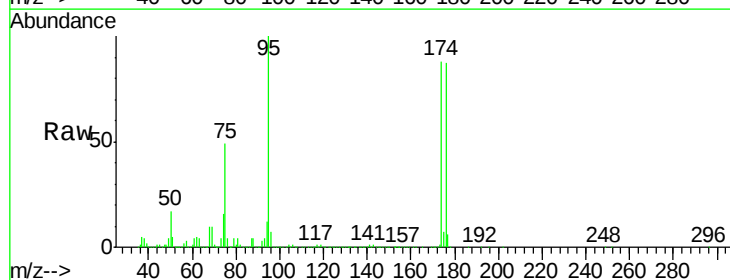
Instrument :
MSVOA_X
ClientSampleId :

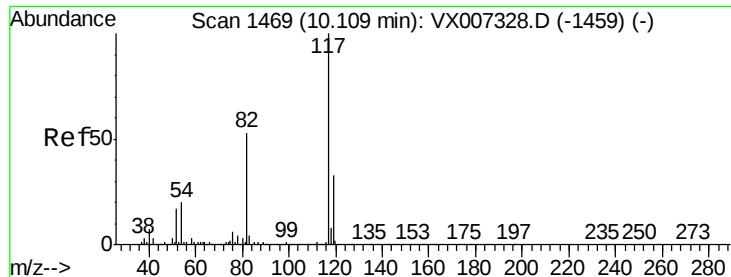
Tot Ion: 98 Resp: 945930
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 48.168 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007435.D
Acq: 08 Feb 2019 12:01

Tgt Ion: 95 Resp: 334024
Ion Ratio Lower Upper
95 100
174 93.7 0.0 189.2
176 91.9 0.0 186.2

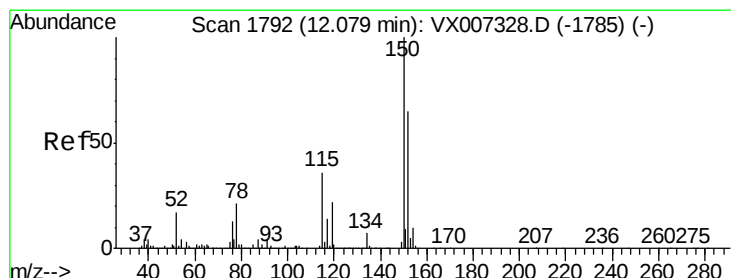
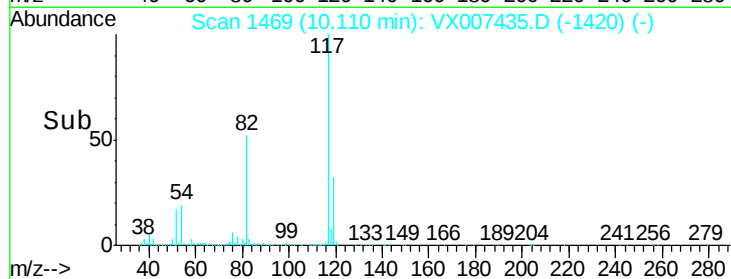
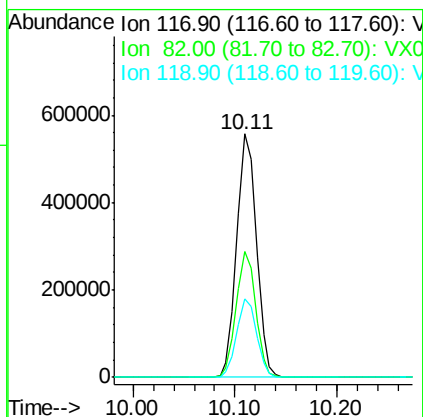
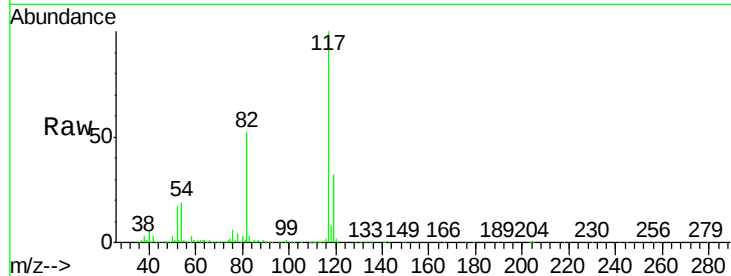




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007435.D
Acq: 08 Feb 2019 12:01

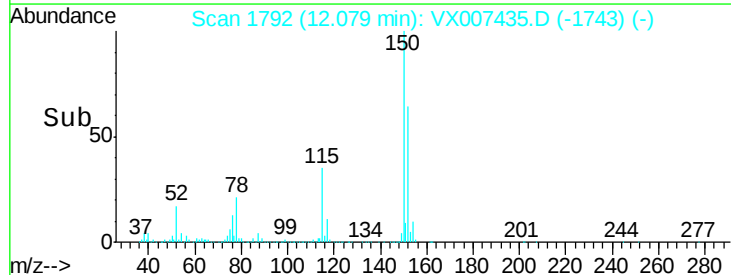
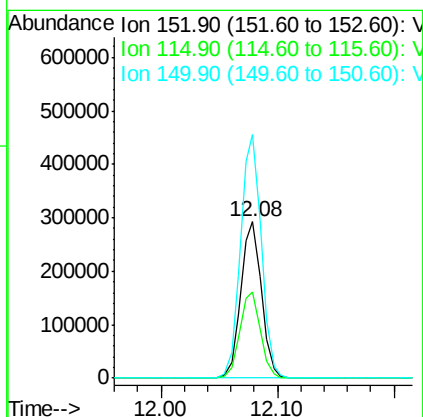
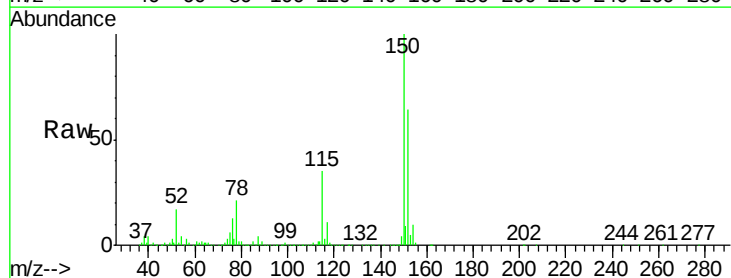
Instrument :
MSVOA_X
ClientSampleId :

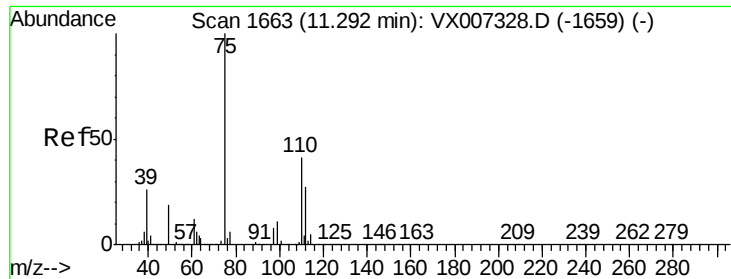
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.1	63.1
119	32.3	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007435.D
Acq: 08 Feb 2019 12:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	38.0	114.0
150	156.4	0.0	346.4





#76

1,2,3-Trichloropropane

Concen: 22.976 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007435.D

Acq: 08 Feb 2019 12:01

Instrument :

MSVOA_X

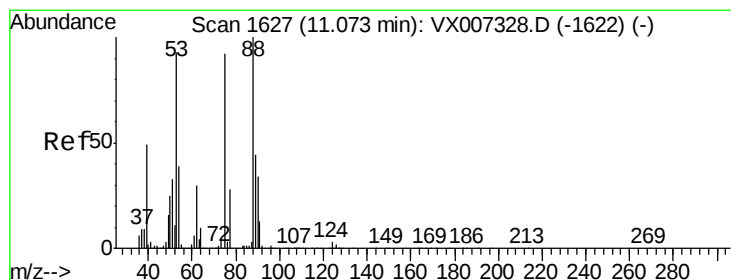
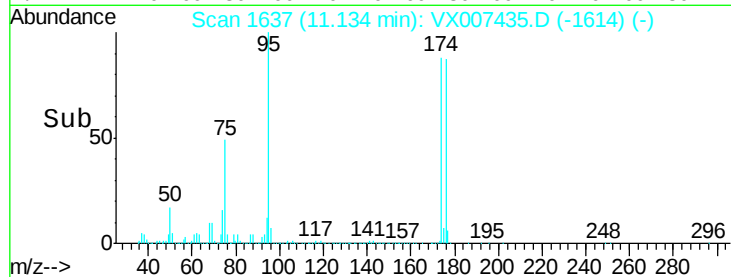
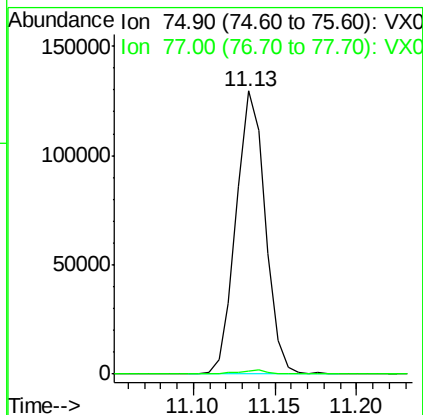
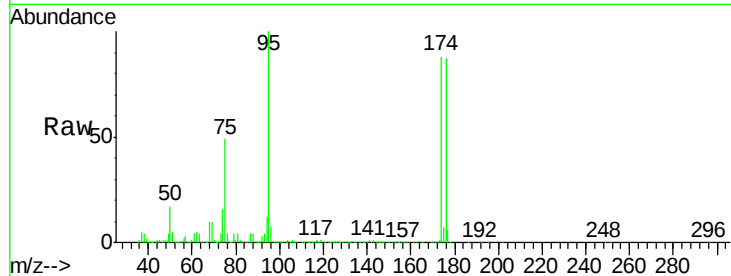
ClientSampleId :

Tot Ion: 75 Resp: 161838

Ion Ratio Lower Upper

75 100

77 1.5 23.0 69.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.240 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007435.D

Acq: 08 Feb 2019 12:01

Tgt Ion: 75 Resp: 161838

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.0 41.4 62.0#

