

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081718\
 Data File : VX004139.D
 Acq On : 17 Aug 2018 18:23
 Operator : JC/MD
 Sample : J4523-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 01:35:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	416386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	385428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220974	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	191271	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
35) Dibromofluoromethane	5.50	113	164605	52.82	ug/l	0.00
Spiked Amount			Recovery	=	105.64%	
50) Toluene-d8	8.71	98	597817	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	
62) 4-Bromofluorobenzene	11.14	95	210254	45.88	ug/l	0.00
Spiked Amount			Recovery	=	91.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	4972	1.57	ug/l	94
5) Bromomethane	1.65	94	1009	0.40	ug/l	# 79
6) Chloroethane	1.71	64	289	Below	Cal	# 64
10) Methyl Iodide	2.53	142	221	5.07	ug/l	# 65
11) Tert butyl alcohol	3.04	59	52771	70.24	ug/l	98
13) Acrolein	2.29	56	377	11.66	ug/l	# 15
15) Acrylonitrile	3.18	53	1176	0.63	ug/l	# 57
16) Acetone	2.44	43	35260	18.18	ug/l	100
18) Methyl Acetate	2.78	43	993	0.23	ug/l	92
19) Methyl tert-butyl Ether	3.20	73	31958	3.26	ug/l	# 79
25) 2-Butanone	4.70	43	10913	3.46	ug/l	98
28) Bromochloromethane	5.21	49	1225	0.45	ug/l	# 10
29) Tetrahydrofuran	5.17	42	2479	1.54	ug/l	# 73
30) Chloroform	5.21	83	13939	2.43	ug/l	98
31) Cyclohexane	5.57	56	1130	0.22	ug/l	96
36) 1,1-Dichloropropene	5.67	75	17605	3.72	ug/l	# 49
37) Ethyl Acetate	4.70	43	10913	2.12	ug/l	# 67
38) Carbon Tetrachloride	5.66	117	23034	5.00	ug/l	# 16
39) Methylcyclohexane	7.46	83	1215	0.23	ug/l	# 67
40) Benzene	6.15	78	32024	2.25	ug/l	98
47) Bromodichloromethane	7.90	83	2477	0.55	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1511	0.24	ug/l	96
52) Toluene	8.79	92	5770	0.64	ug/l	98
59) 2-Hexanone	9.50	43	5099	1.09	ug/l	93
60) Dibromochloromethane	9.59	129	1653	0.46	ug/l	99
67) Ethyl Benzene	10.25	91	13418	0.85	ug/l	96
71) Bromoform	10.86	173	756	0.28	ug/l	# 99
73) Isopropylbenzene	11.02	105	3155	0.21	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	101210	22.84	ug/l	# 36
78) n-propylbenzene	11.36	91	8897	0.53	ug/l	97
79) 2-Chlorotoluene	11.36	91	8897	0.87	ug/l	# 40
81) trans-1,4-Dichloro-2-buten	11.14	75	101210	70.70	ug/l	# 9
84) 1,2,4-Trimethylbenzene	11.81	105	4557	0.36	ug/l	99
85) sec-Butylbenzene	11.94	105	2990	0.21	ug/l	100

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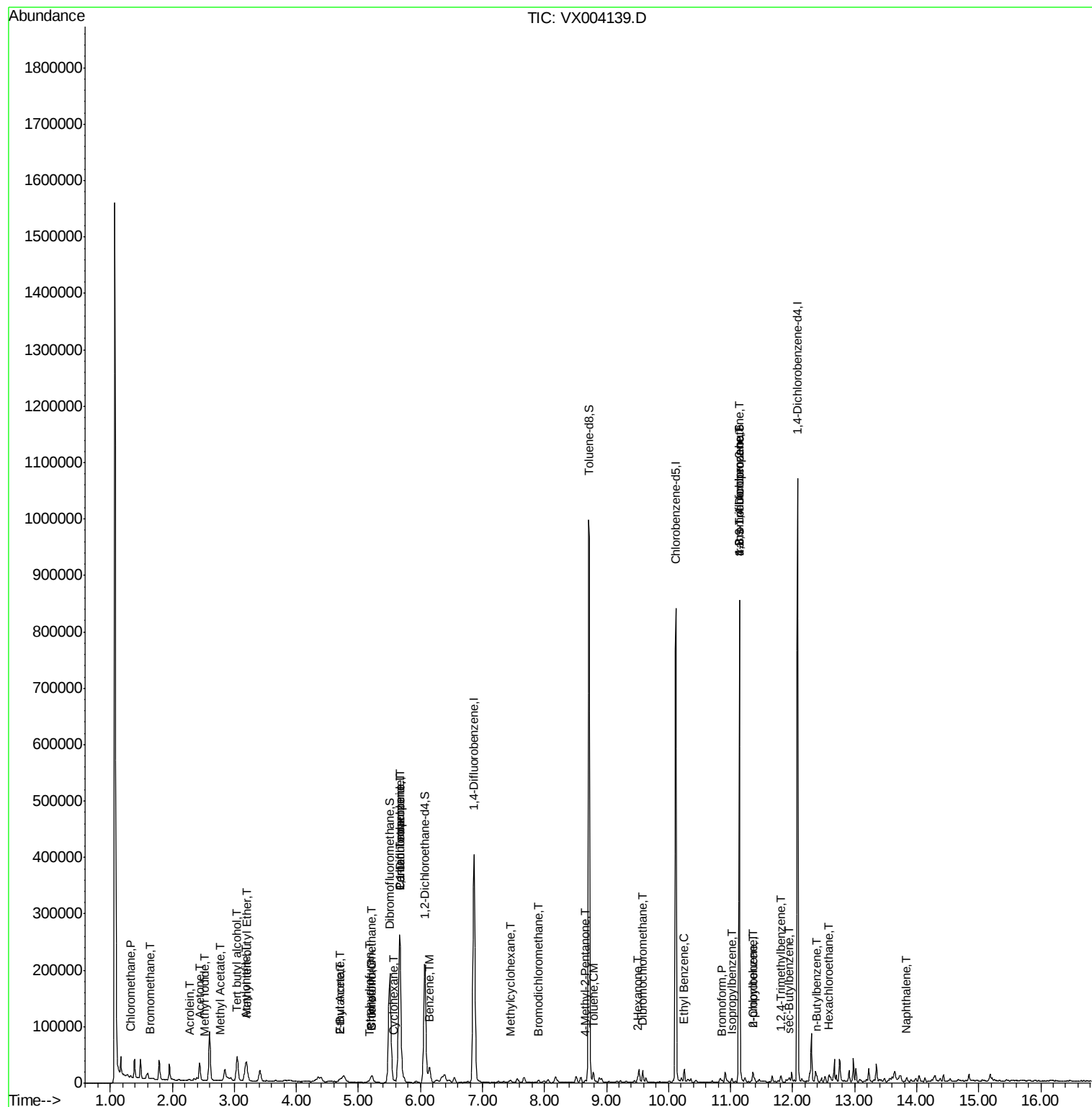
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.39	91	4586	0.44	ug/l #	70
90) Hexachloroethane	12.59	117	601	0.31	ug/l #	4
95) Naphthalene	13.83	128	4641	1.44	ug/l	97

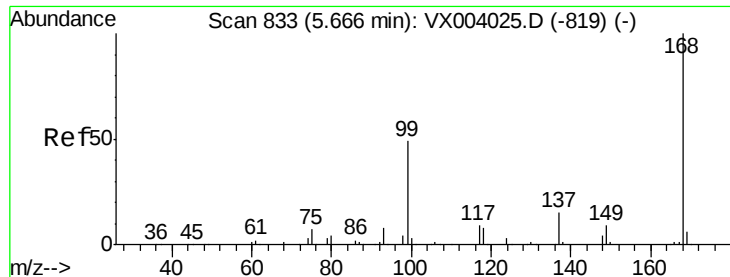
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004139.D

Acq: 17 Aug 2018 18:23

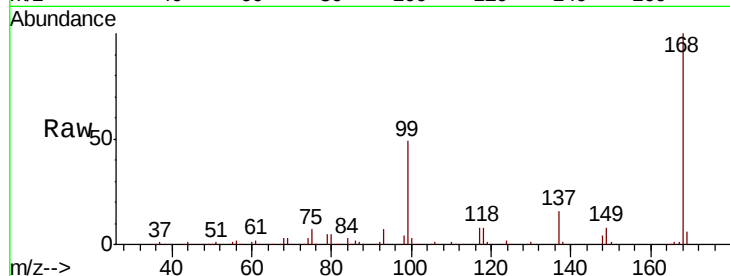
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 264785

Ion Ratio Lower Upper

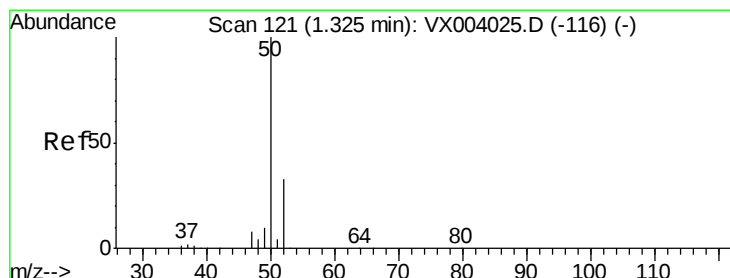
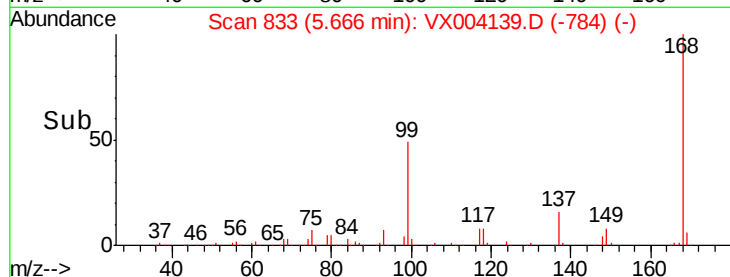
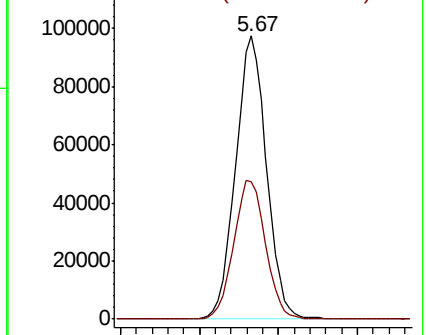
168 100

99 48.5 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 1.57 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004139.D

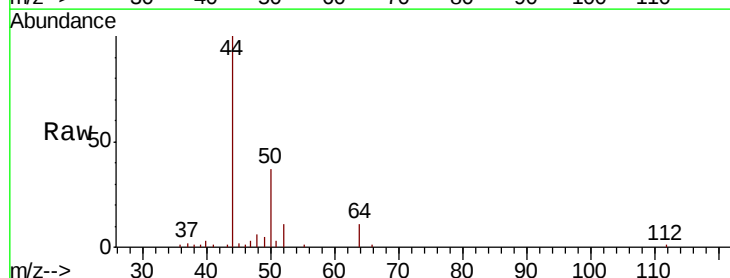
Acq: 17 Aug 2018 18:23

Tgt Ion: 50 Resp: 4972

Ion Ratio Lower Upper

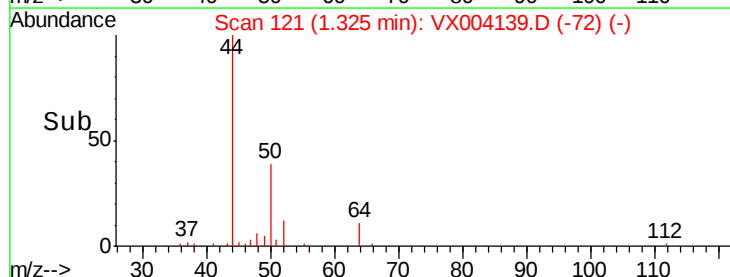
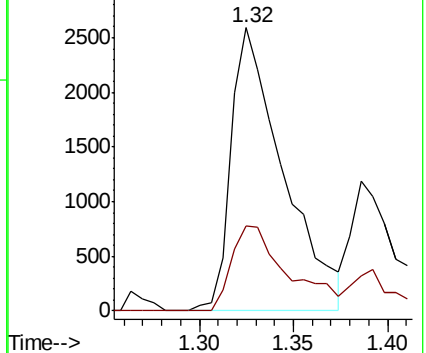
50 100

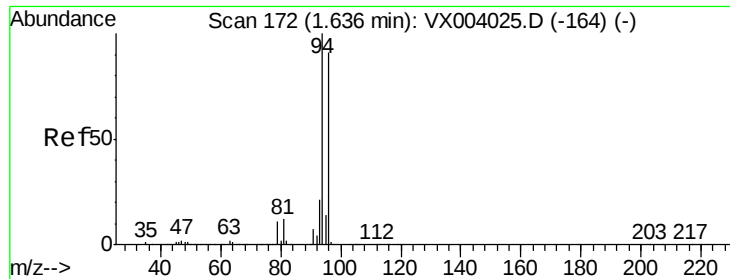
52 29.9 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 0.40 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX004139.D

Acq: 17 Aug 2018 18:23

Instrument :

MSVOA_X

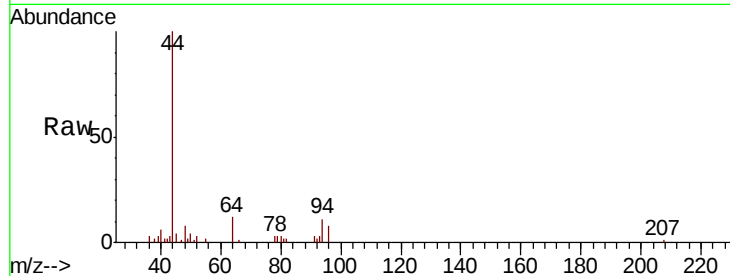
ClientSampleId :

Tot Ion: 94 Resp: 1009

Ion Ratio Lower Upper

94 100

96 73.5 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

400

300

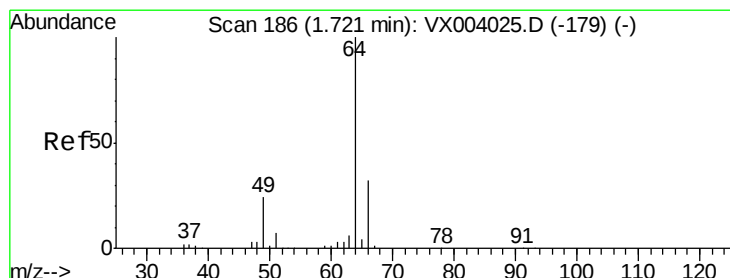
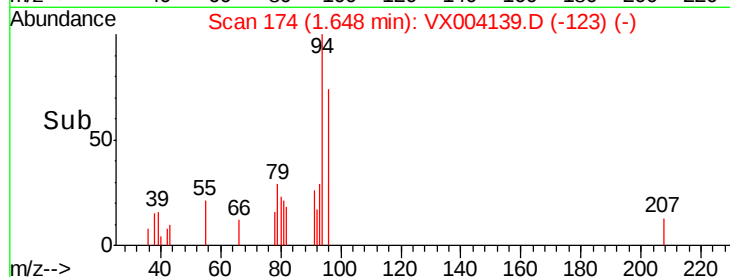
200

100

0

1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX004139.D

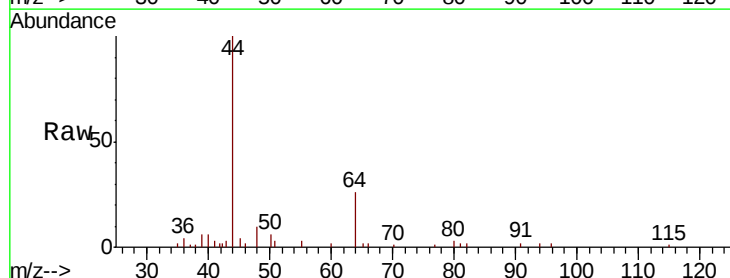
Acq: 17 Aug 2018 18:23

Tgt Ion: 64 Resp: 289

Ion Ratio Lower Upper

64 100

66 12.6 26.5 39.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

1000

800

600

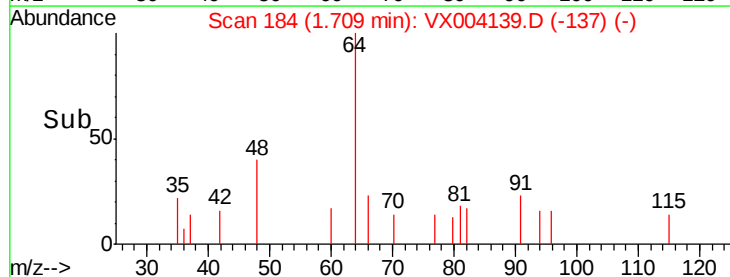
400

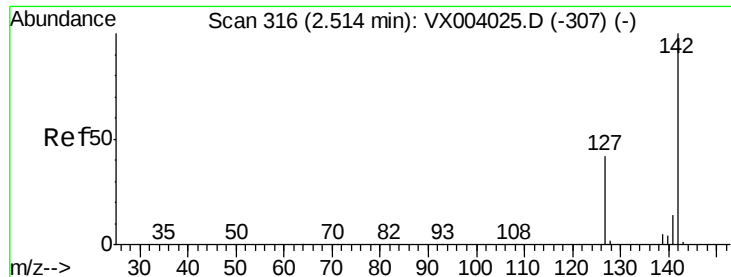
200

0

1.68 1.70 1.72 1.74

Time-->

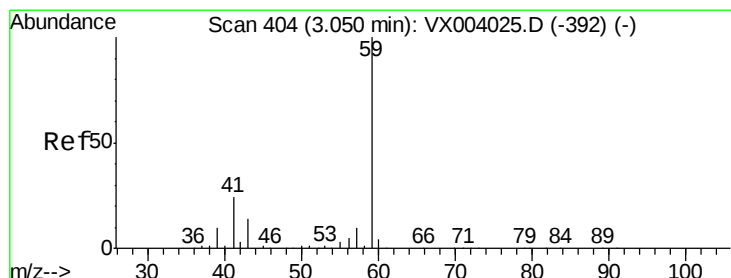
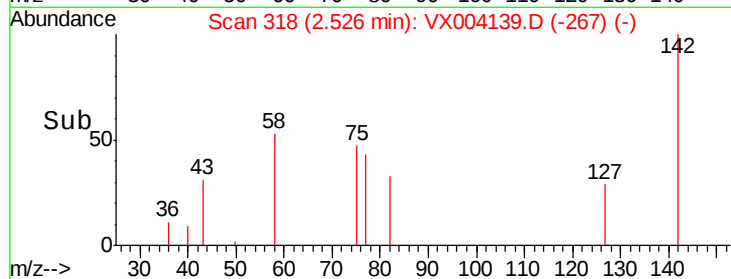
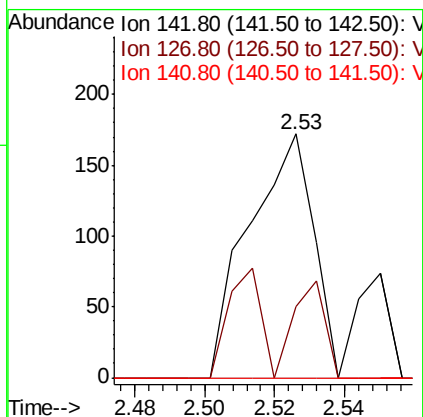
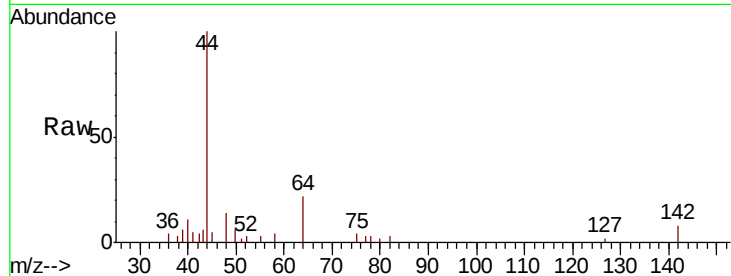




#10
Methvl Iodide
Concen: 5.07 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

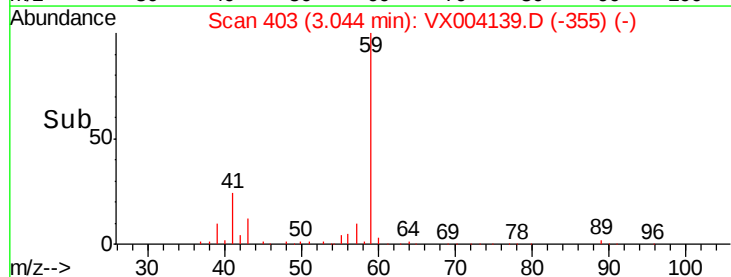
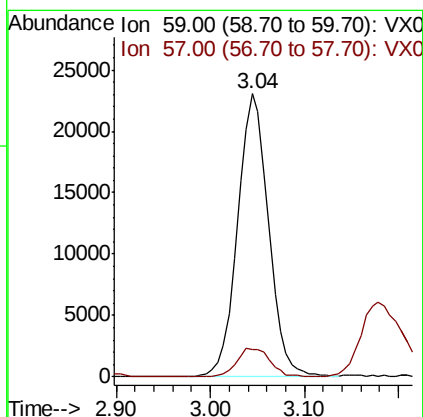
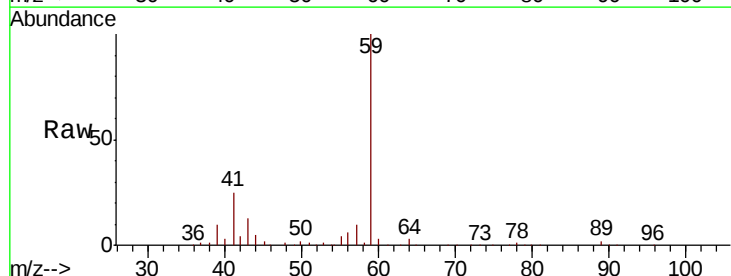
Instrument :
MSVOA_X
ClientSampled :

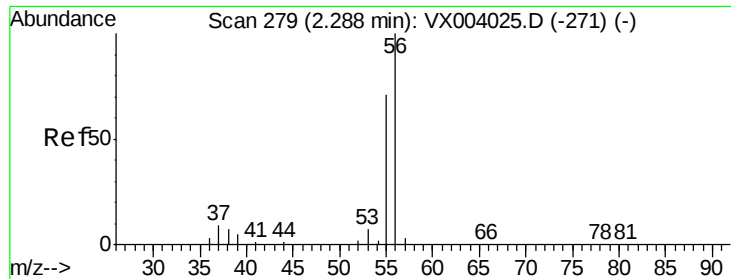
Tot Ion:142 Resp: 221
Ion Ratio Lower Upper
142 100
127 19.5 33.1 49.7#
141 0.0 11.1 16.7#



#11
Tert butyl alcohol
Concen: 70.24 ug/l
RT: 3.04 min Scan# 403
Delta R.T. -0.01 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

Tgt Ion: 59 Resp: 52771
Ion Ratio Lower Upper
59 100
57 11.0 8.1 12.1





#13

Acrolein

Concen: 11.66 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004139.D

Acq: 17 Aug 2018 18:23

Instrument :

MSVOA_X

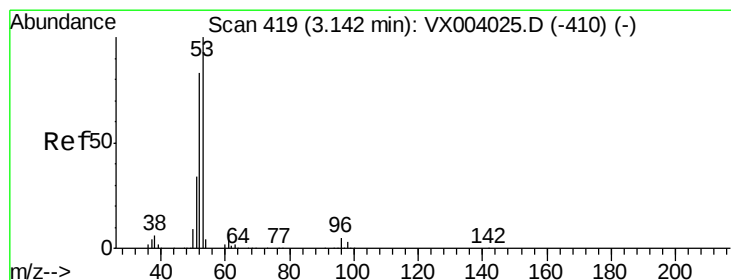
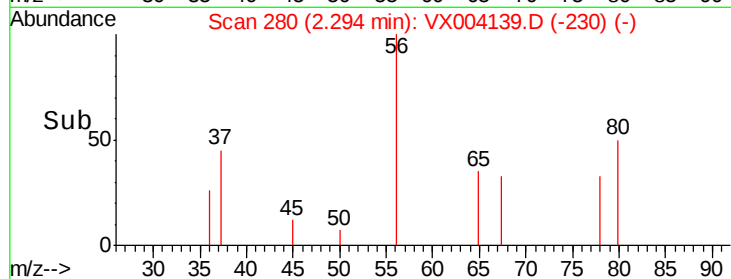
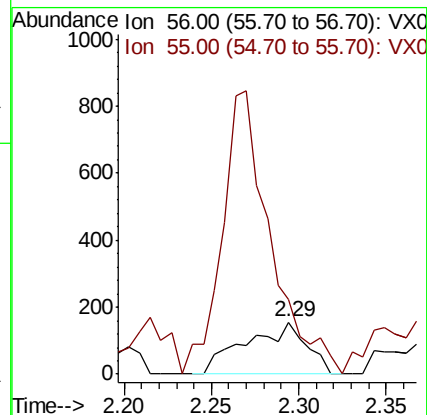
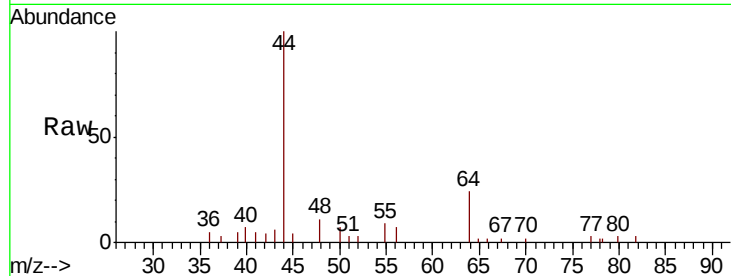
ClientSampled :

Tot Ion: 56 Resp: 377

Ion Ratio Lower Upper

56 100

55 0.0 56.1 84.1#



#15

Acrylonitrile

Concen: 0.63 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.04 min

Lab File: VX004139.D

Acq: 17 Aug 2018 18:23

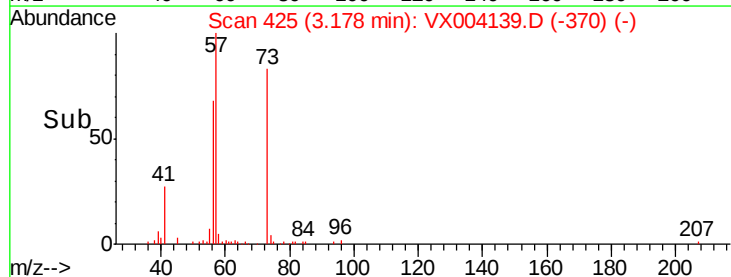
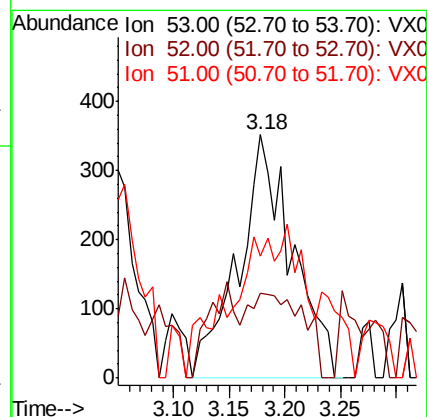
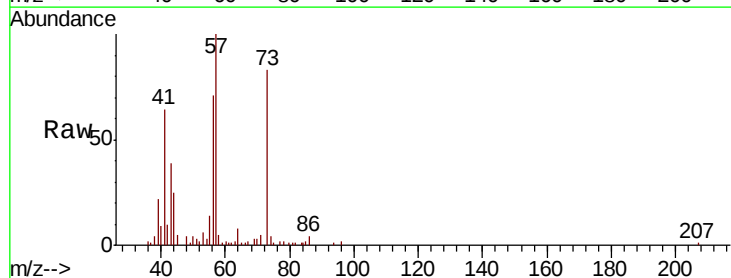
Tgt Ion: 53 Resp: 1176

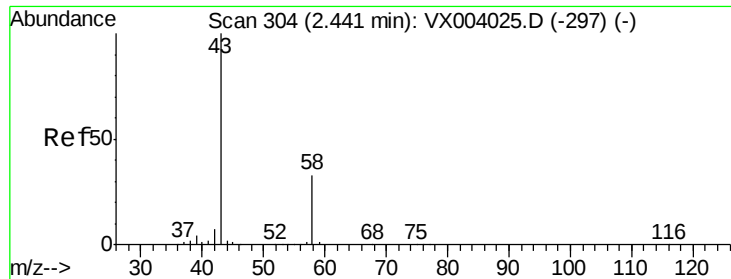
Ion Ratio Lower Upper

53 100

52 35.5 65.3 97.9#

51 21.8 27.9 41.9#





#16

Acetone

Concen: 18.18 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004139.D

Acq: 17 Aug 2018 18:23

Instrument :

MSVOA_X

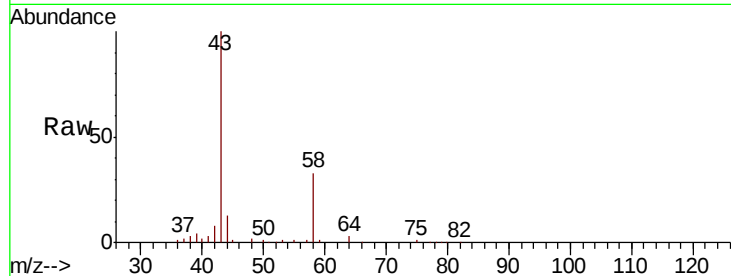
ClientSampleId :

Tot Ion: 43 Resp: 35260

Ion Ratio Lower Upper

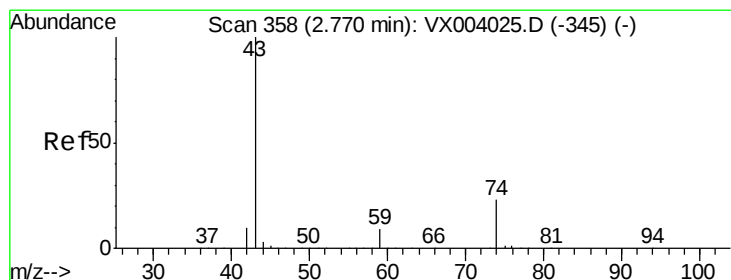
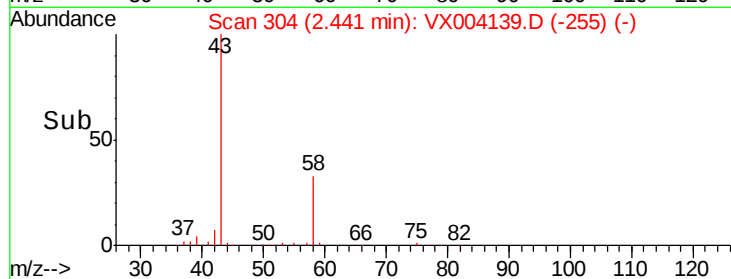
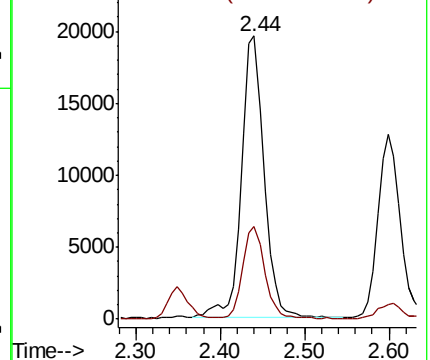
43 100

58 33.1 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.23 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.01 min

Lab File: VX004139.D

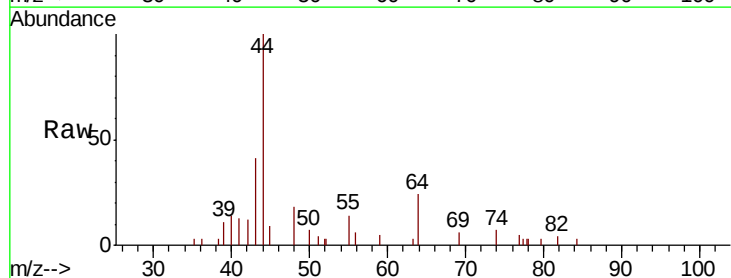
Acq: 17 Aug 2018 18:23

Tgt Ion: 43 Resp: 993

Ion Ratio Lower Upper

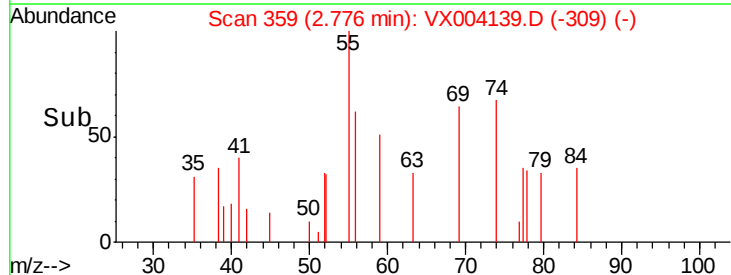
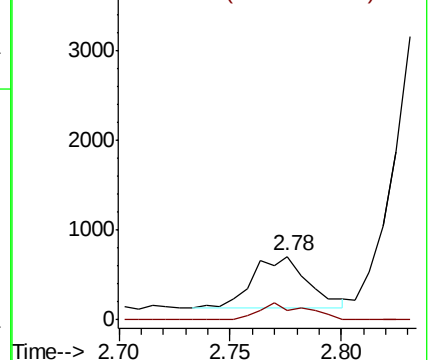
43 100

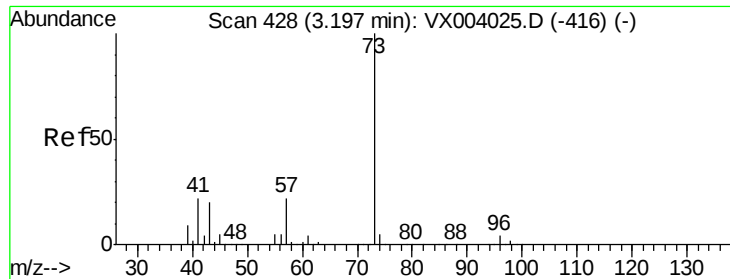
74 27.3 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

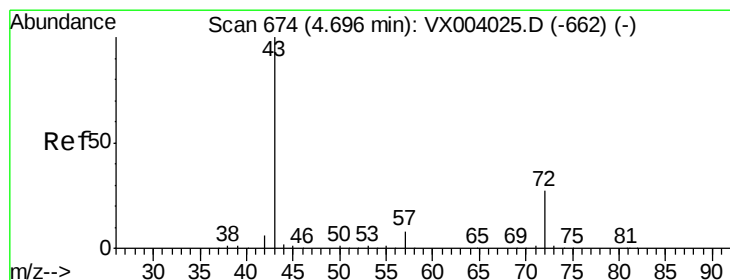
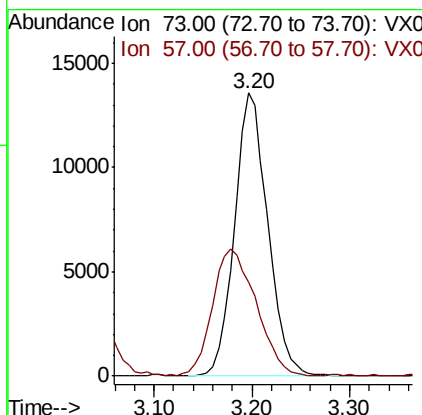
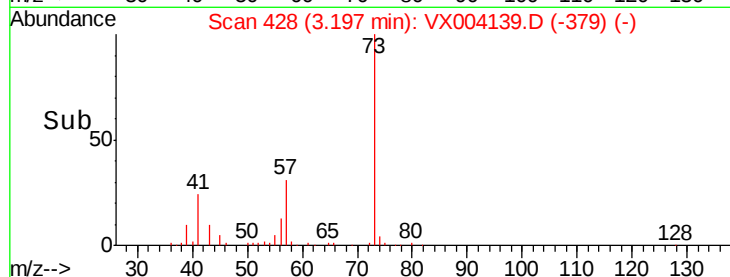
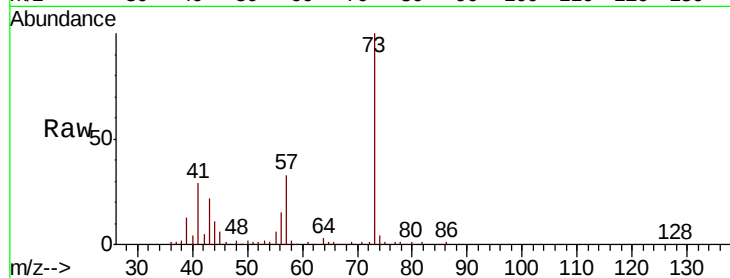




#19
Methvl tert-butvl Ether
Concen: 3.26 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

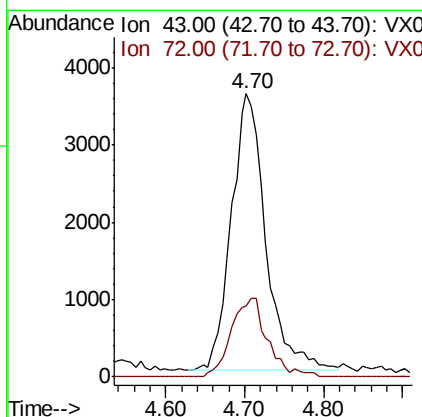
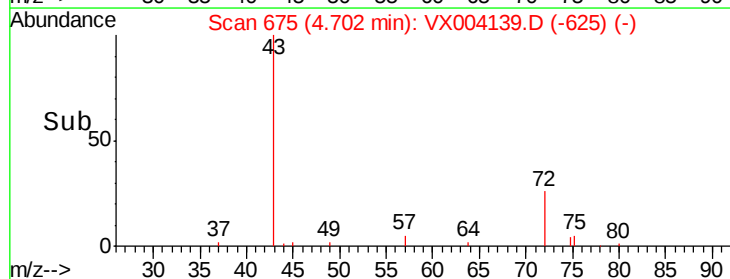
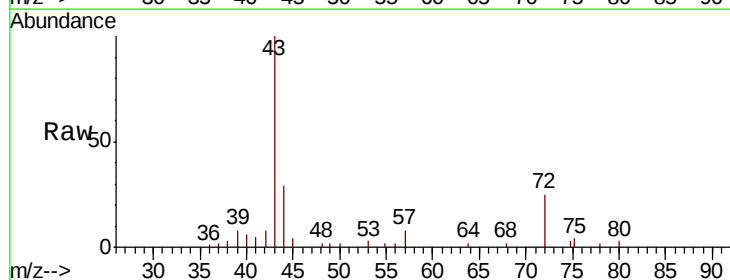
Instrument :
MSVOA_X
ClientSampled :

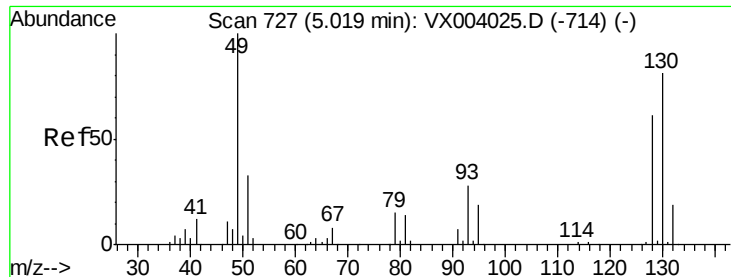
Tot Ion: 73 Resp: 31958
Ion Ratio Lower Upper
73 100
57 32.6 18.0 27.0#



#25
2-Butanone
Concen: 3.46 ug/l
RT: 4.70 min Scan# 675
Delta R.T. 0.01 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

Tgt Ion: 43 Resp: 10913
Ion Ratio Lower Upper
43 100
72 25.8 21.4 32.0





#28

Bromochloromethane

Concen: 0.45 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.20 min

Lab File: VX004139.D

Acq: 17 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

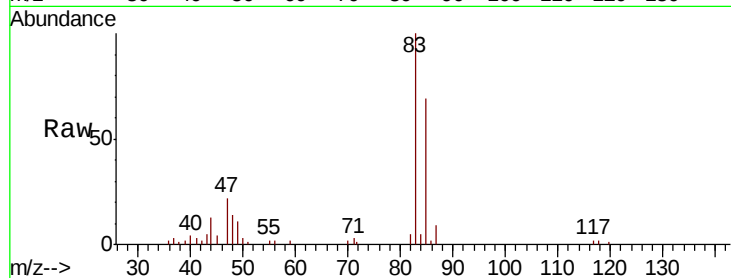
Tot Ion: 49 Resp: 1225

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

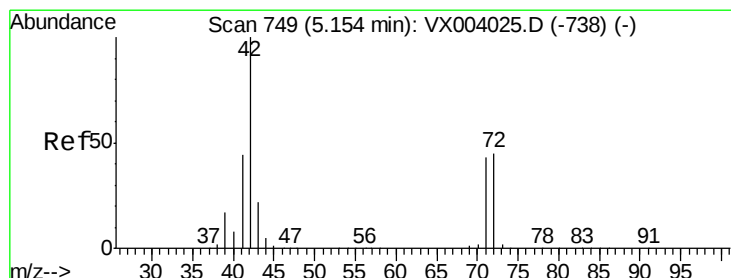
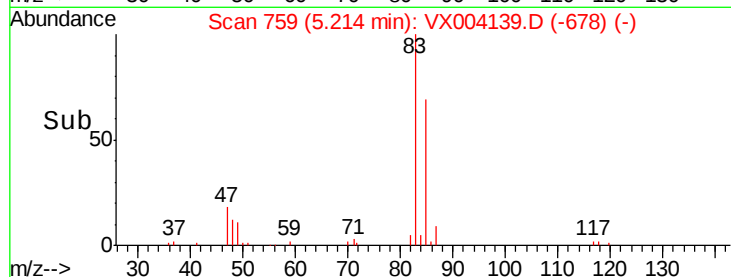
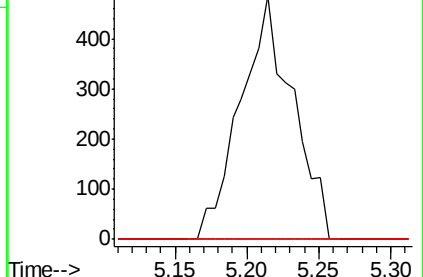
130 0.0 66.5 99.7#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 1.54 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: VX004139.D

Acq: 17 Aug 2018 18:23

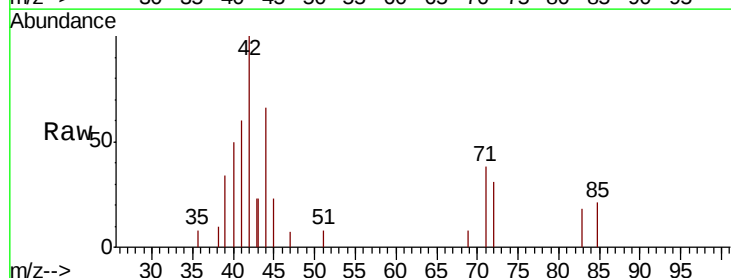
Tgt Ion: 42 Resp: 2479

Ion Ratio Lower Upper

42 100

72 20.5 37.7 56.5#

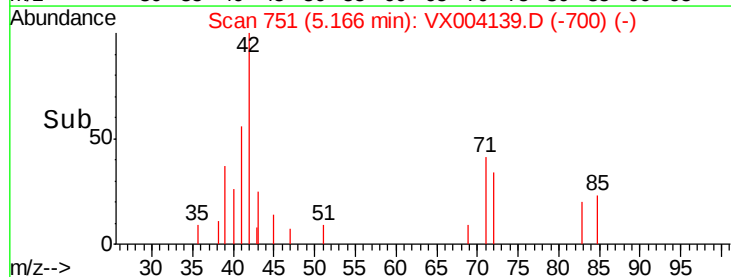
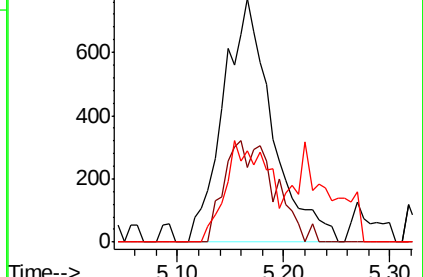
71 35.6 35.0 52.6

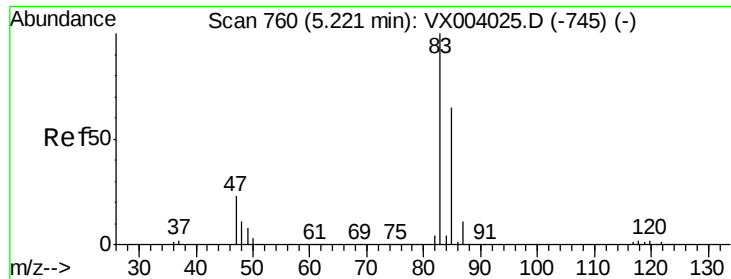


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

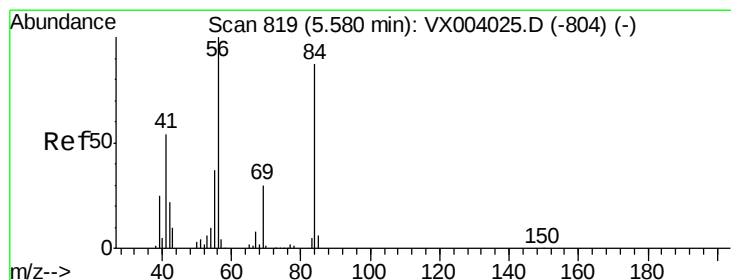
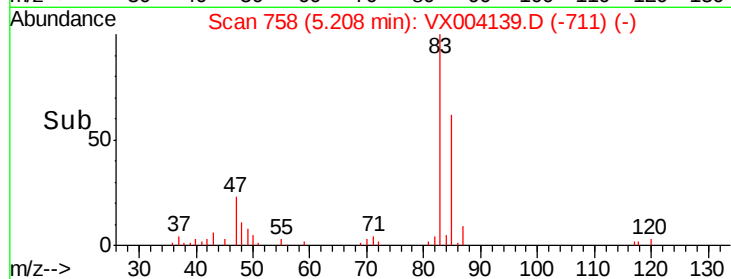
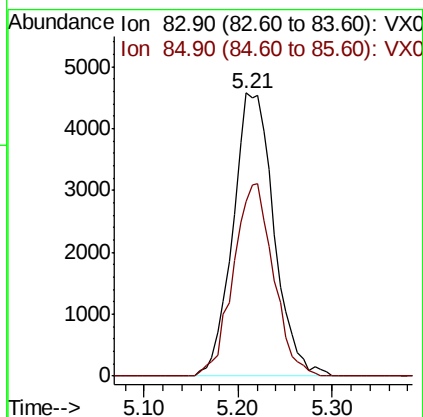
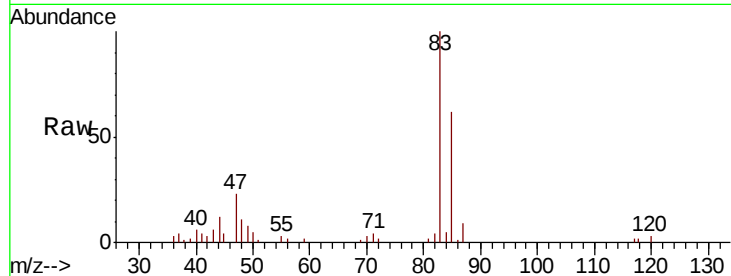




#30
Chloroform
Concen: 2.43 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

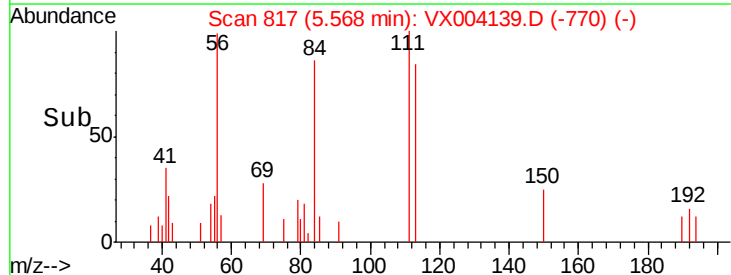
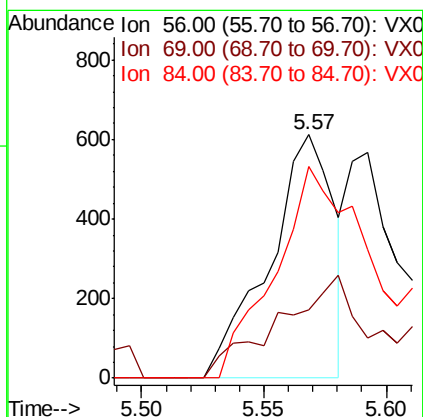
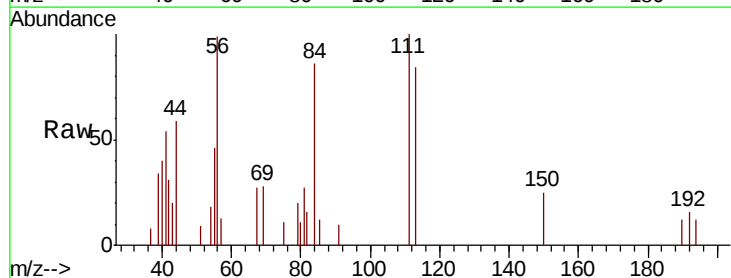
Instrument :
MSVOA_X
ClientSampled :

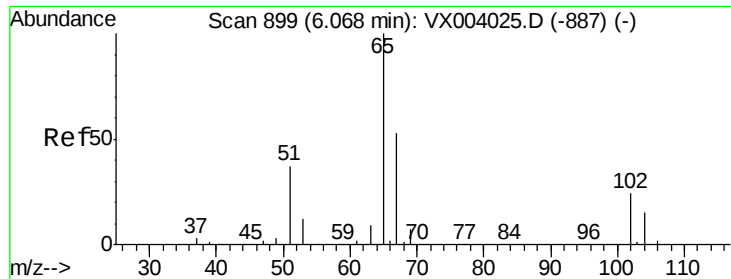
Tot Ion: 83 Resp: 13939
Ion Ratio Lower Upper
83 100
85 61.6 50.7 76.1



#31
Cyclohexane
Concen: 0.22 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

Tgt Ion: 56 Resp: 1130
Ion Ratio Lower Upper
56 100
69 28.1 24.9 37.3
84 86.9 71.7 107.5

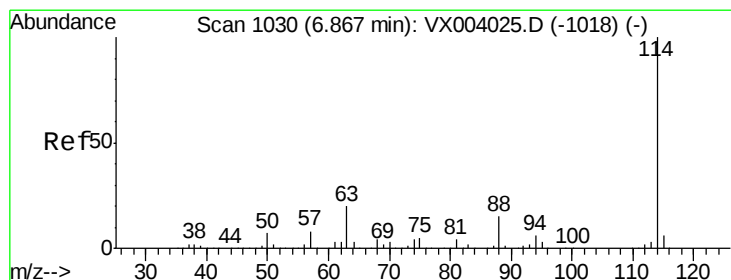
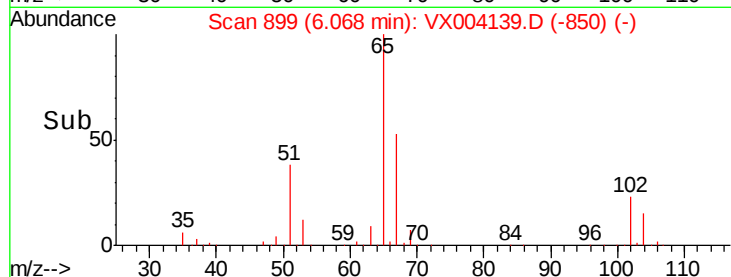
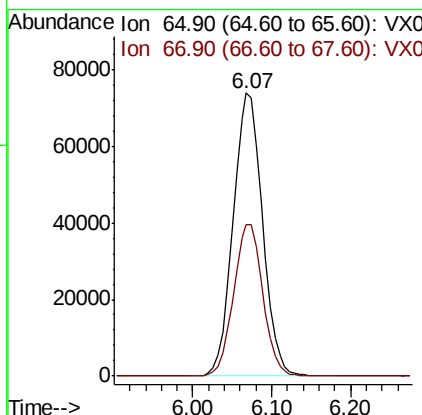
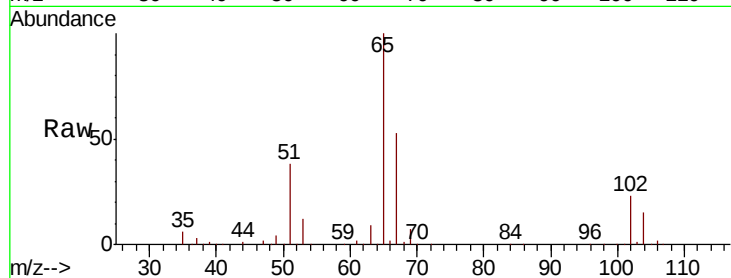




#33
 1,2-Dichloroethane-d4
 Concen: 51.27 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004139.D
 Acq: 17 Aug 2018 18:23

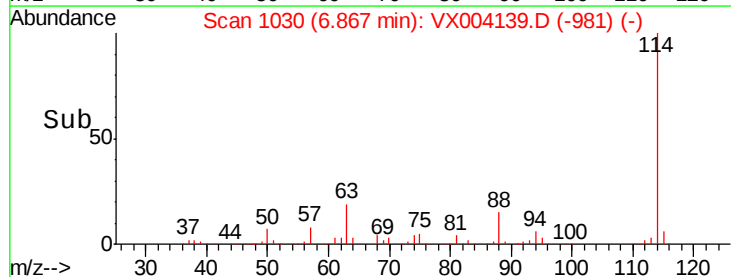
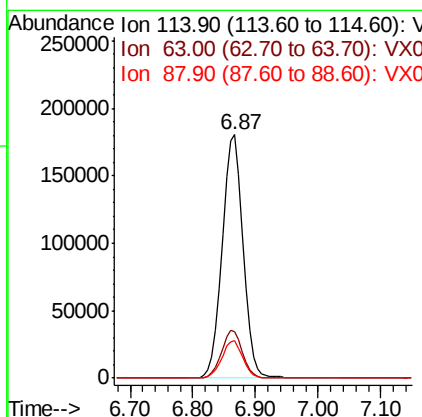
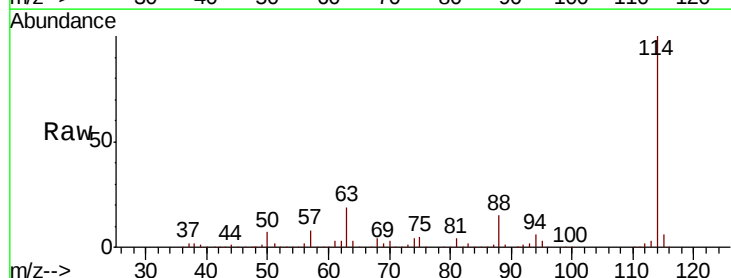
Instrument :
 MSVOA_X
 ClientSampleId :

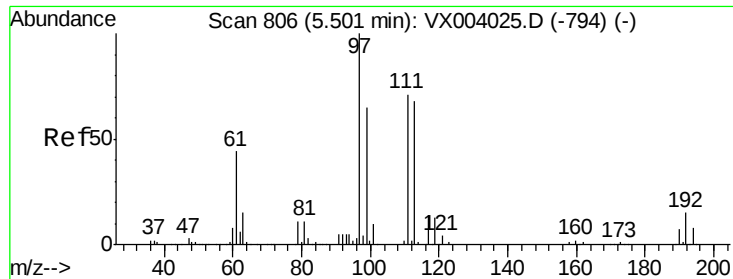
Tot Ion: 65 Resp: 191271
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004139.D
 Acq: 17 Aug 2018 18:23

Tgt Ion: 114 Resp: 416386
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 52.82 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004139.D

Acq: 17 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

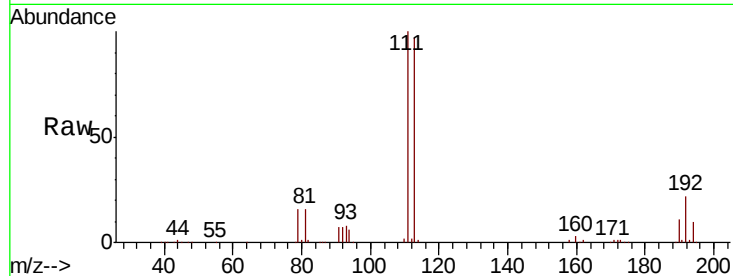
Tot Ion:113 Resp: 164605

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

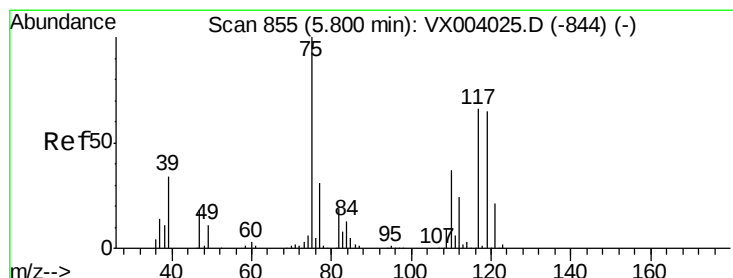
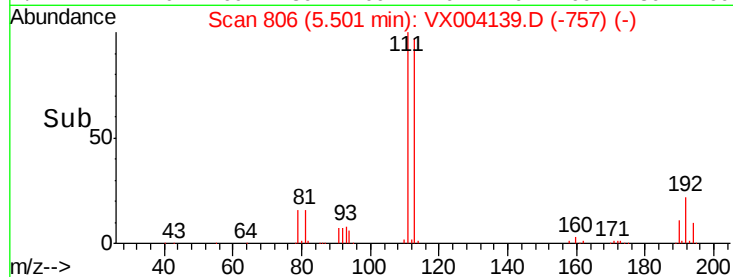
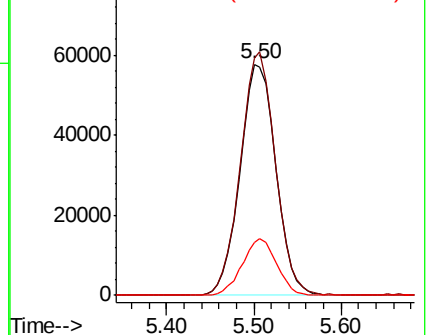
192 23.6 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.72 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX004139.D

Acq: 17 Aug 2018 18:23

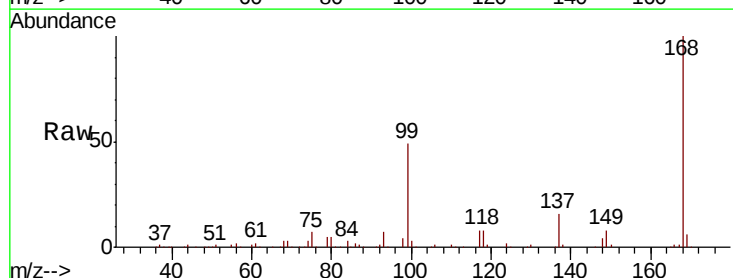
Tgt Ion: 75 Resp: 17605

Ion Ratio Lower Upper

75 100

110 9.6 18.2 54.6#

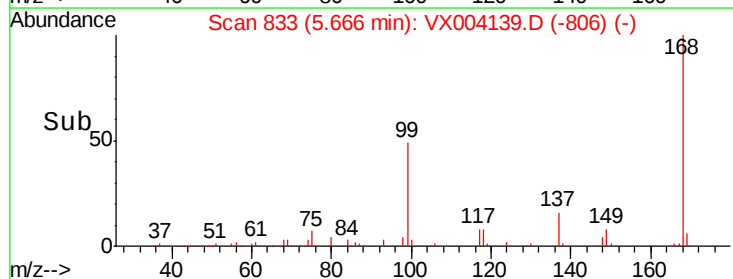
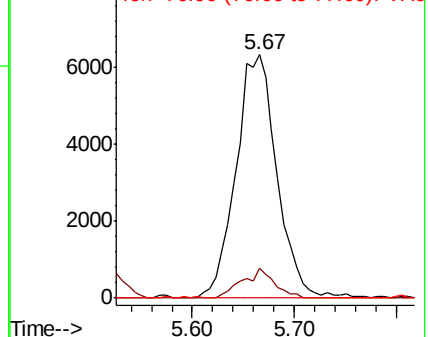
77 0.0 25.0 37.4#

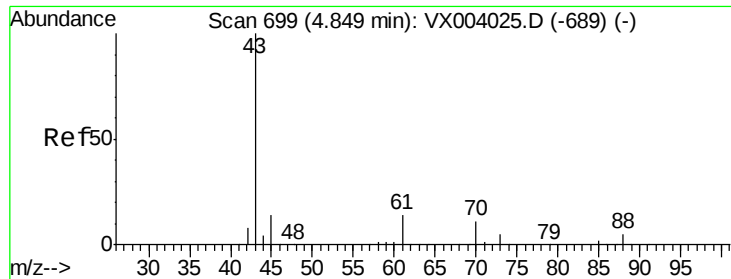


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

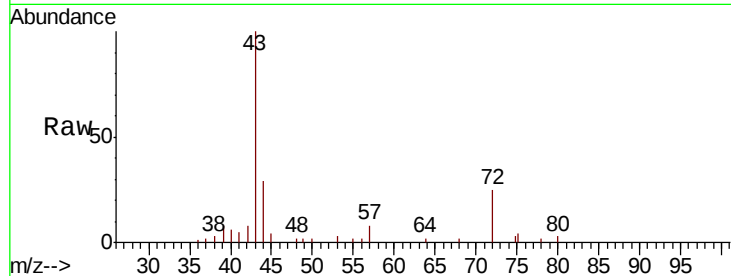




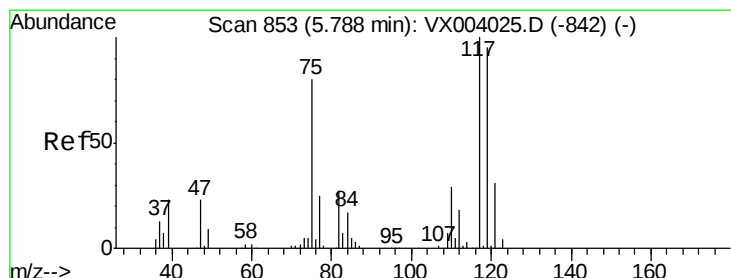
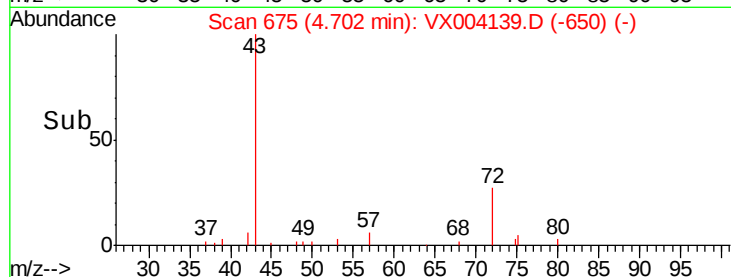
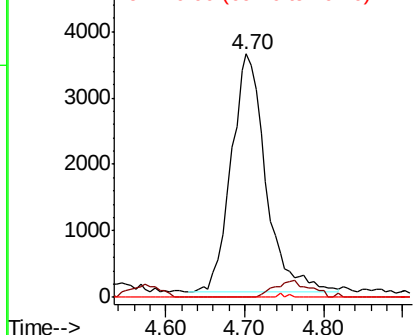
#37
Ethyl Acetate
Concen: 2.12 ug/l
RT: 4.70 min Scan# 675
Delta R.T. -0.15 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	9.0	13.4#

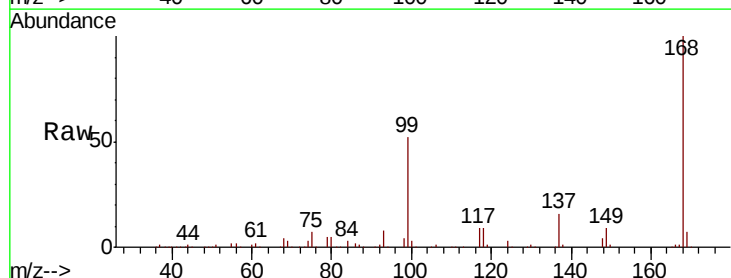


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

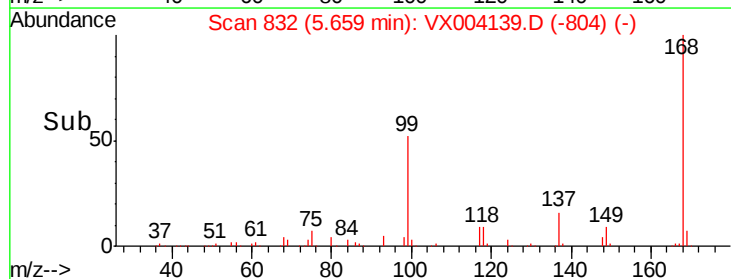
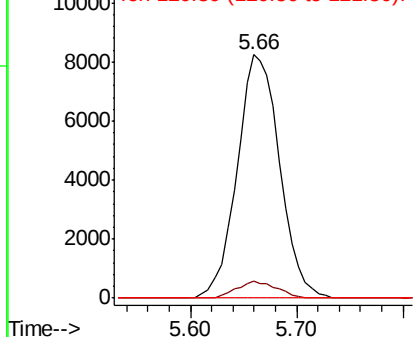


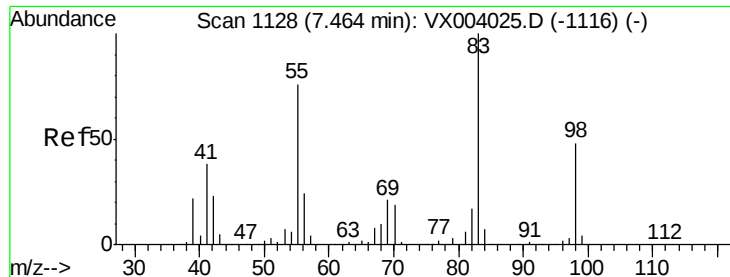
#38
Carbon Tetrachloride
Concen: 5.00 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.13 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.0	79.5	119.3#
121	0.0	25.0	37.4#



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

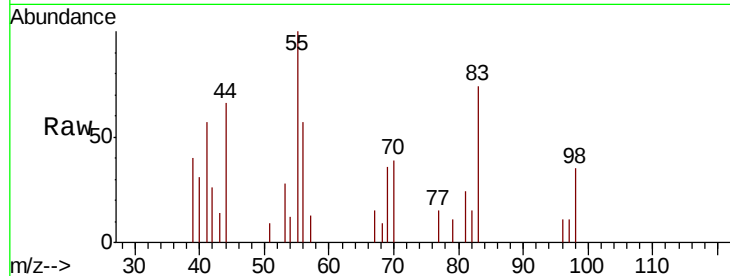




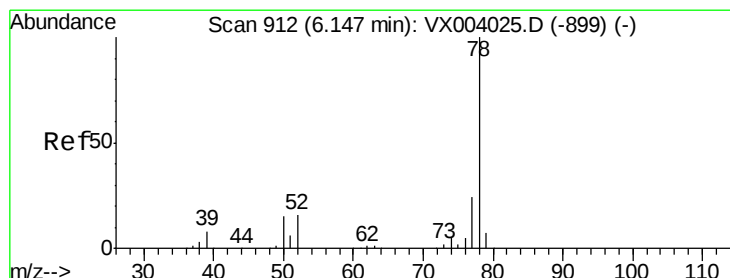
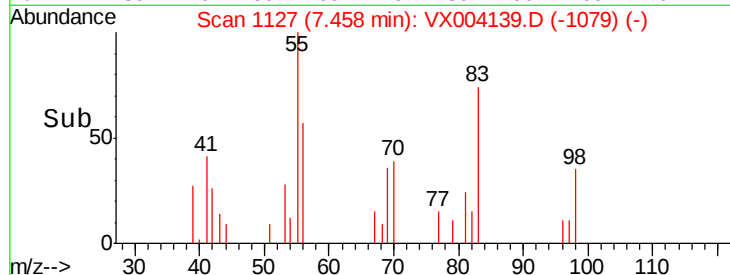
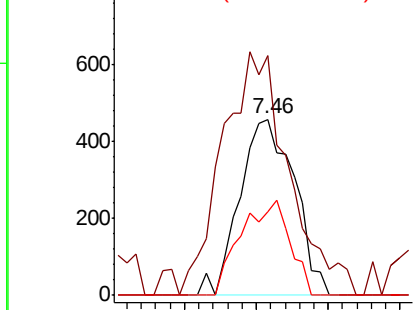
#39
Methvlcvclohexane
Concen: 0.23 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	121.6	61.0	91.6#
98	47.5	38.6	57.8

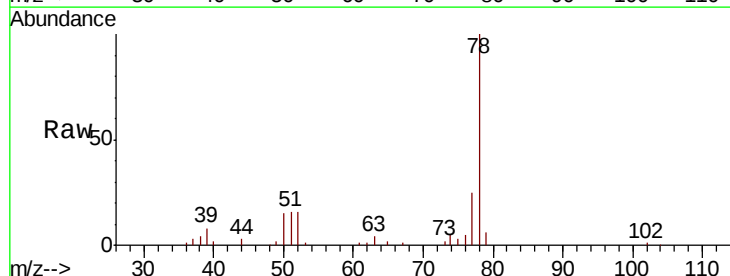


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

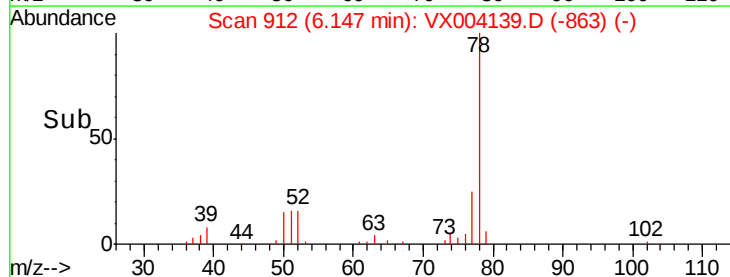
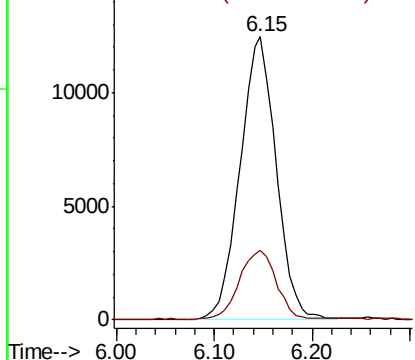


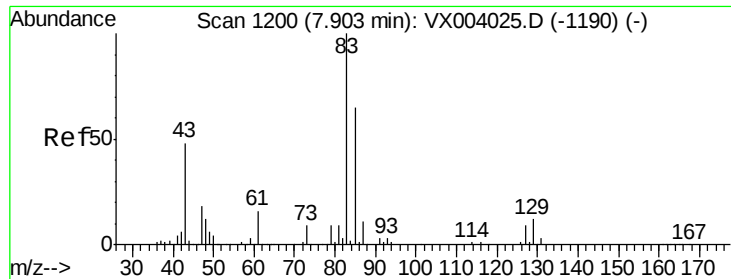
#40
Benzene
Concen: 2.25 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.0	28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#47

Bromodichloromethane

Concen: 0.55 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX004139.D

Acq: 17 Aug 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :

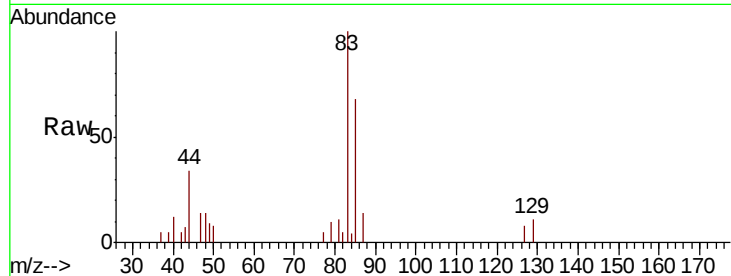
Tot Ion: 83 Resp: 2477

Ion Ratio Lower Upper

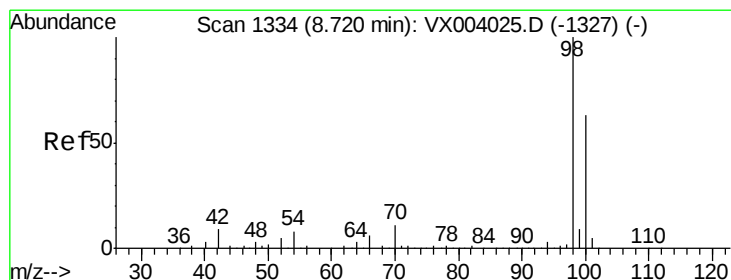
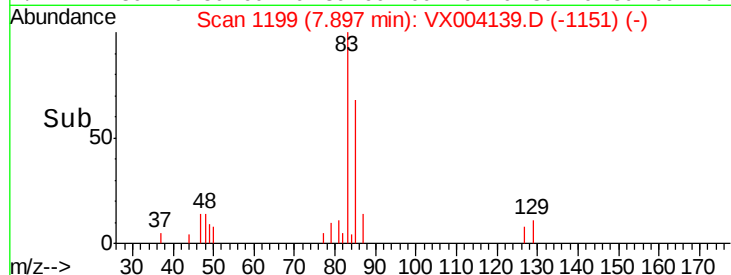
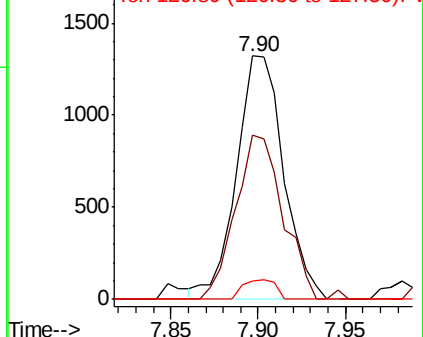
83 100

85 67.6 51.2 76.8

127 7.6 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 47.31 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004139.D

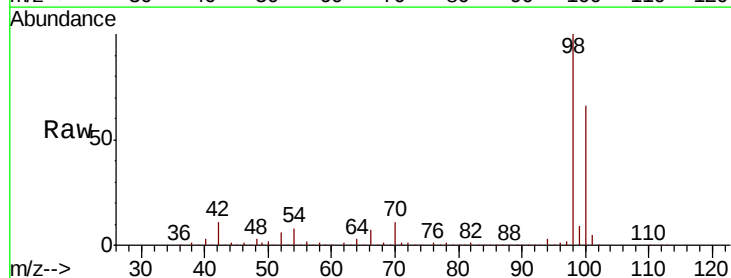
Acq: 17 Aug 2018 18:23

Tgt Ion: 98 Resp: 597817

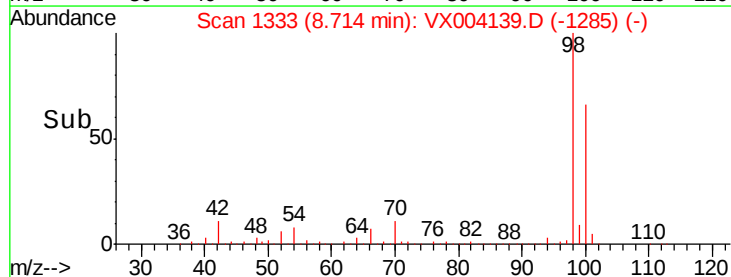
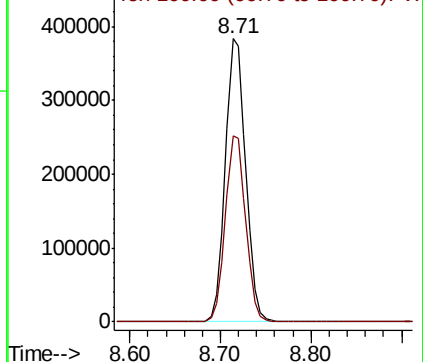
Ion Ratio Lower Upper

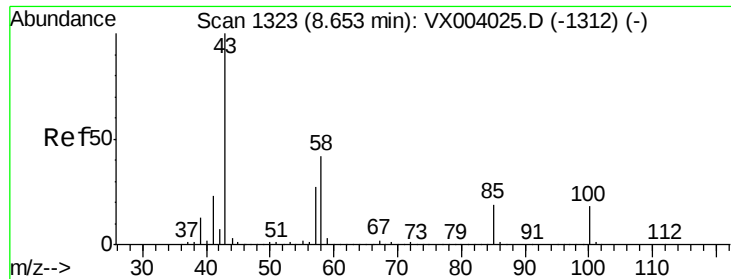
98 100

100 65.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.24 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004139.D

Acq: 17 Aug 2018 18:23

Instrument :

MSVOA_X

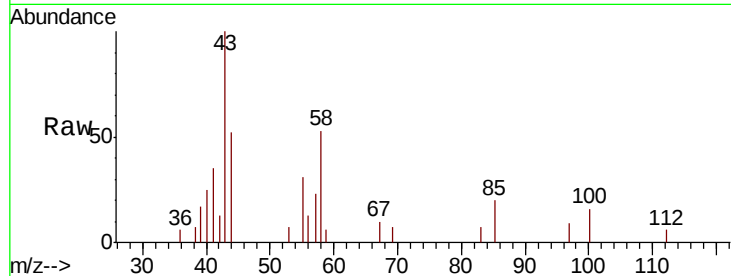
ClientSampled :

Tot Ion: 43 Resp: 1511

Ion Ratio Lower Upper

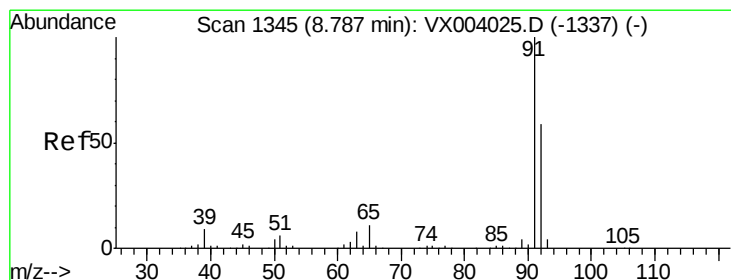
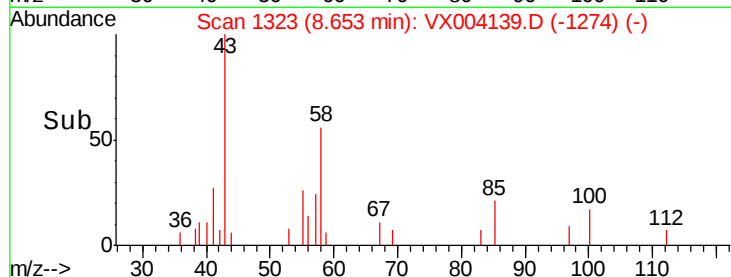
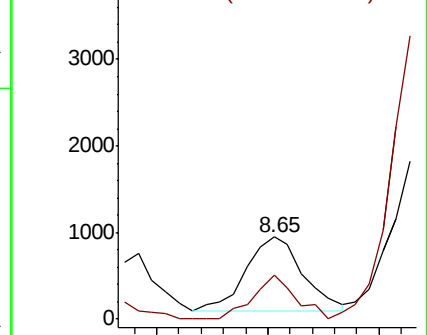
43 100

58 43.9 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 0.64 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004139.D

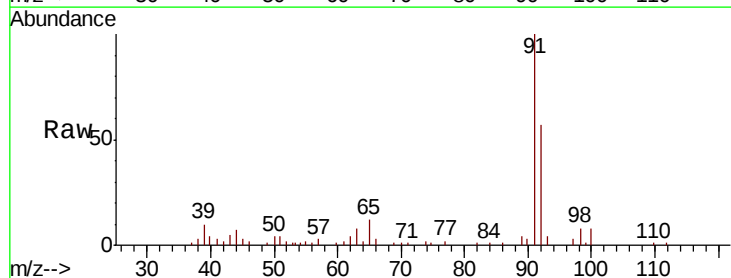
Acq: 17 Aug 2018 18:23

Tgt Ion: 92 Resp: 5770

Ion Ratio Lower Upper

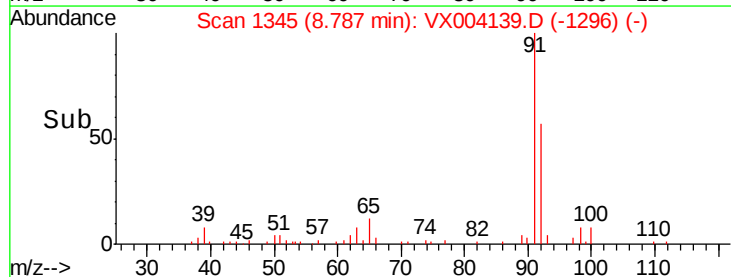
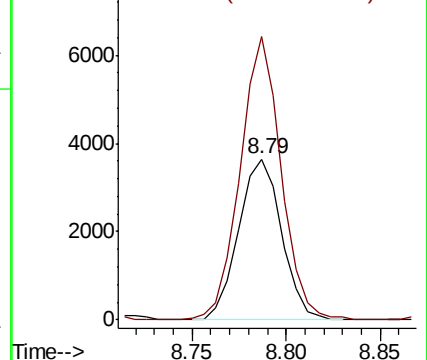
92 100

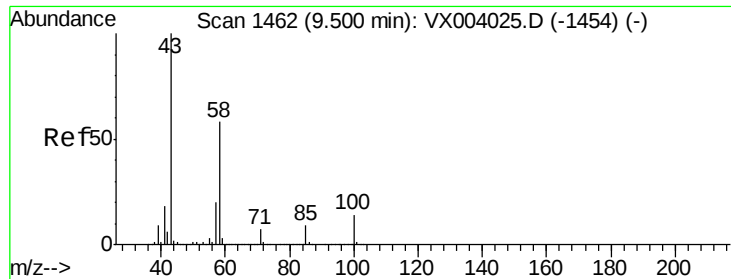
91 167.5 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

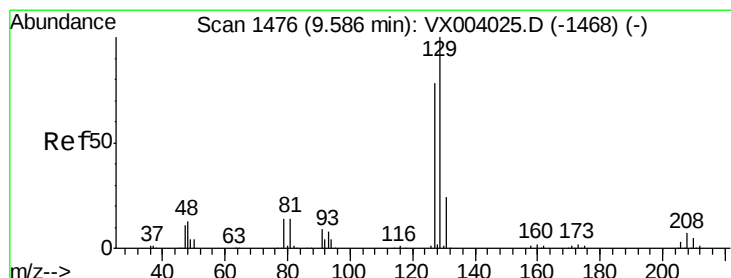
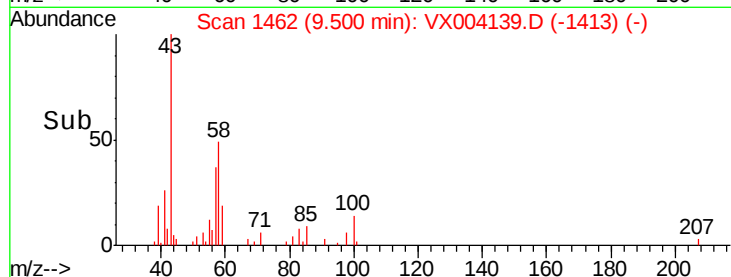
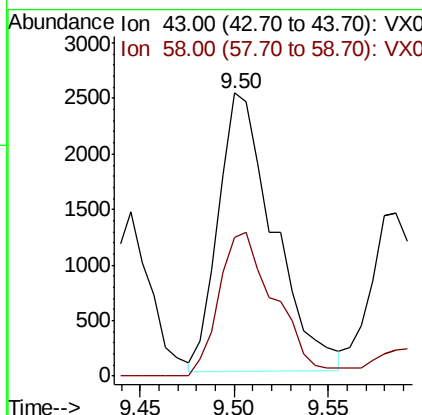
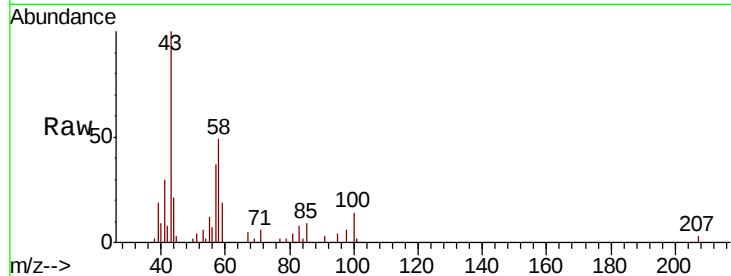




#59
2-Hexanone
Concen: 1.09 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

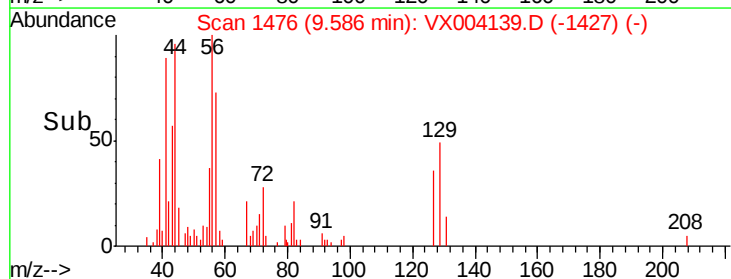
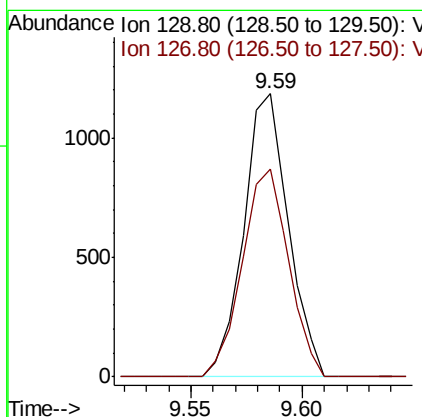
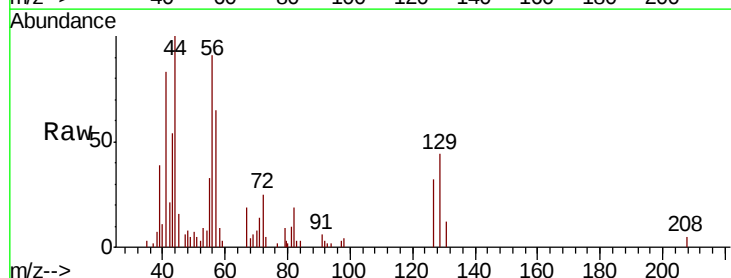
Instrument :
MSVOA_X
ClientSampled :

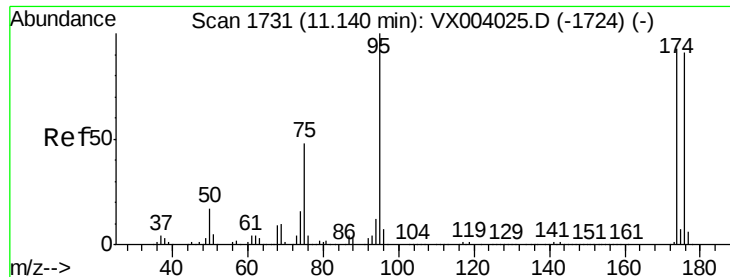
Tot Ion: 43 Resp: 5099
Ion Ratio Lower Upper
43 100
58 53.1 29.0 87.0



#60
Dibromochloromethane
Concen: 0.46 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

Tgt Ion: 129 Resp: 1653
Ion Ratio Lower Upper
129 100
127 76.2 38.8 116.3

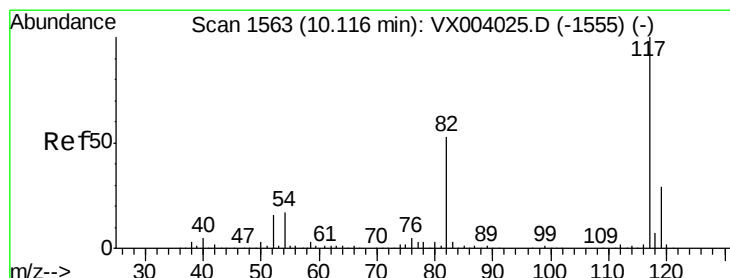
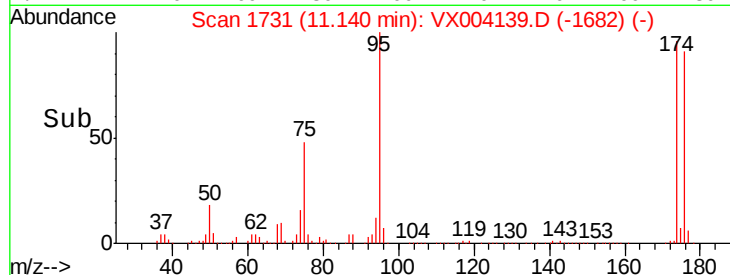
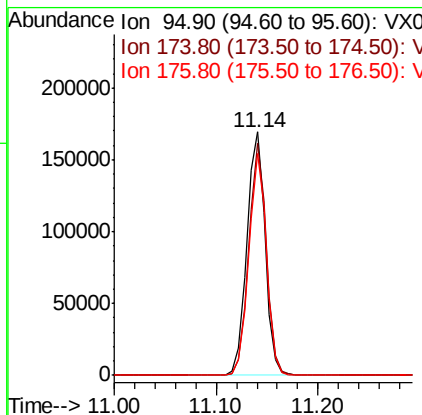
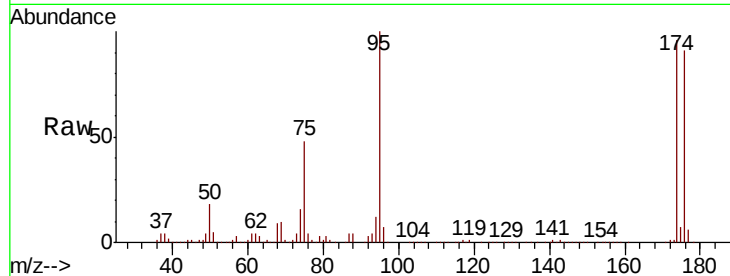




#62
 4-Bromofluorobenzene
 Concen: 45.88 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX004139.D
 Acq: 17 Aug 2018 18:23

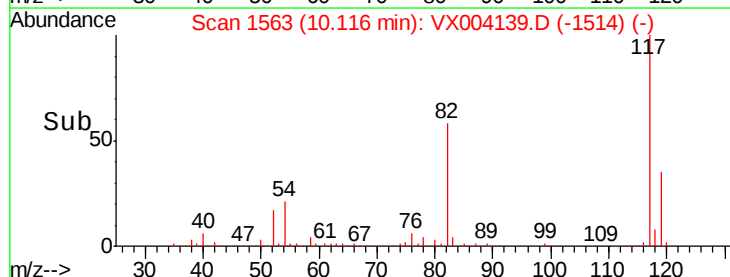
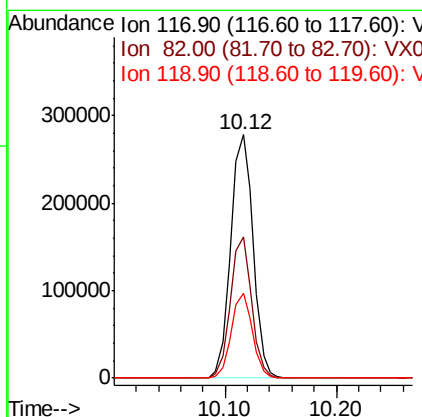
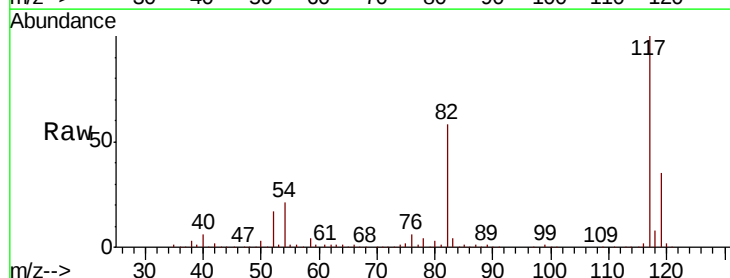
Instrument :
 MSVOA_X
 ClientSampleId :

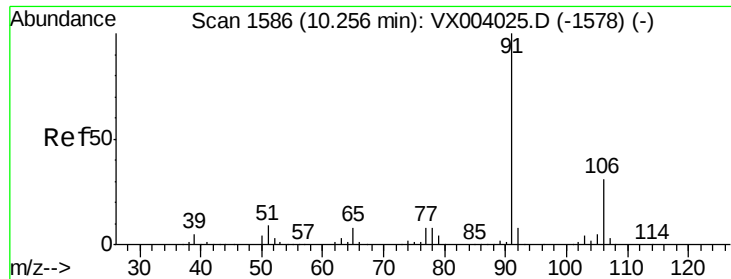
Tot Ion	95	Resp	210254
Ion Ratio	Lower	Upper	
95	100		
174	92.8	0.0	182.8
176	88.6	0.0	179.0



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX004139.D
 Acq: 17 Aug 2018 18:23

Tgt Ion	117	Resp	385428
Ion Ratio	Lower	Upper	
117	100		
82	58.2	45.4	68.0
119	34.7	26.6	40.0

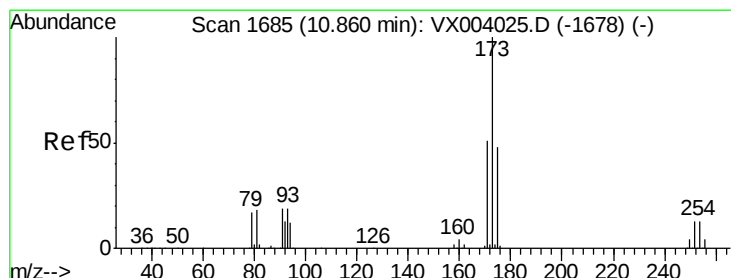
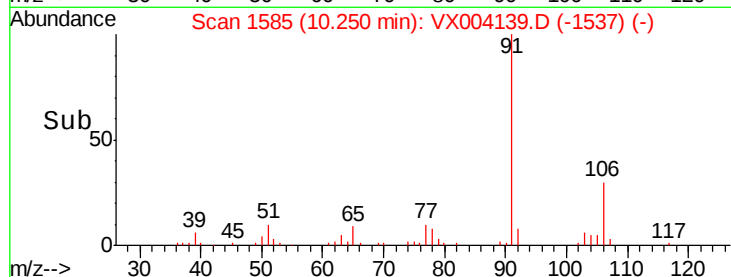
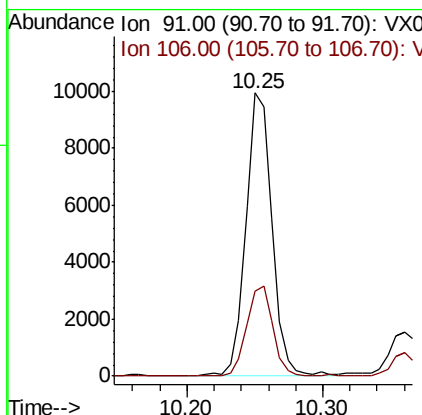
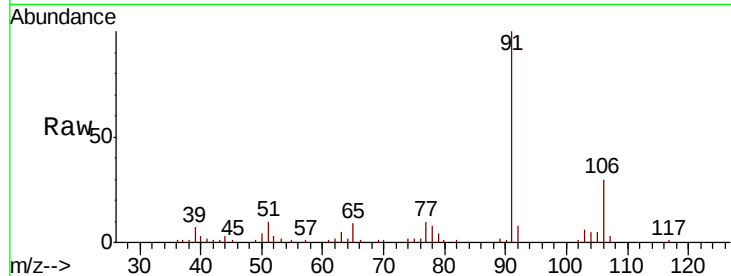




#67
Ethyl Benzene
Concen: 0.85 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

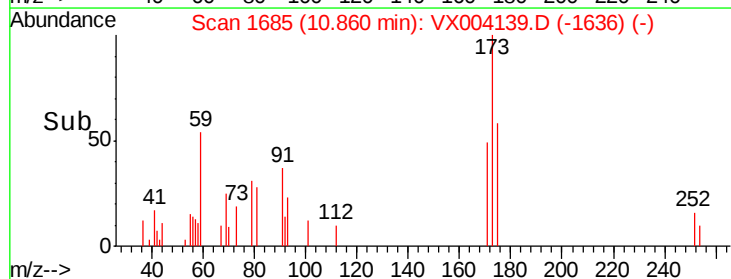
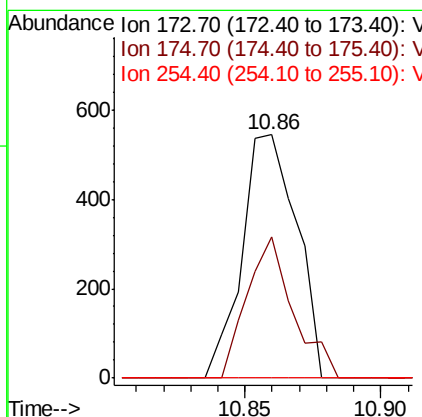
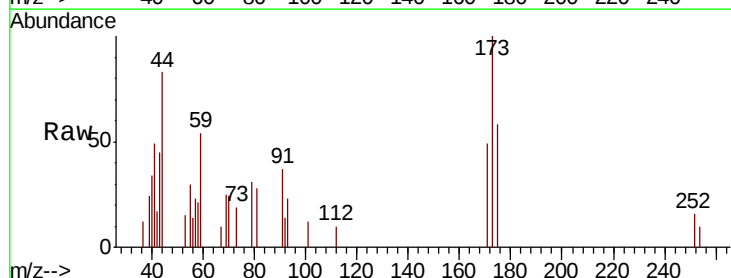
Instrument :
MSVOA_X
ClientSampled :

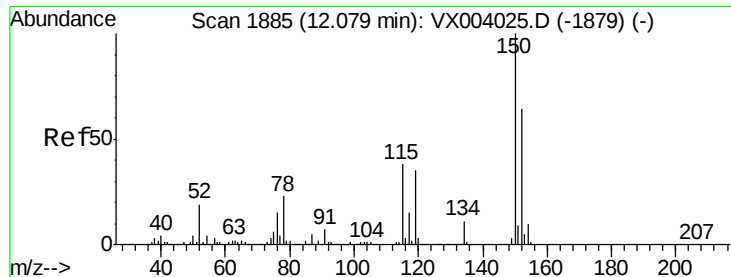
Tot Ion: 91.00 Resp: 13418
Ion Ratio Lower Upper
91 100
106 30.1 25.9 38.9



#71
Bromoform
Concen: 0.28 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

Tgt Ion: 173 Resp: 756
Ion Ratio Lower Upper
173 100
175 49.1 24.9 74.7
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004139.D

Acq: 17 Aug 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

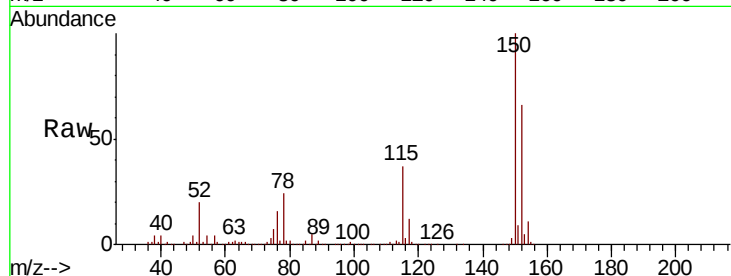
Tot Ion:152 Resp: 220974

Ion Ratio Lower Upper

152 100

115 55.1 39.1 117.3

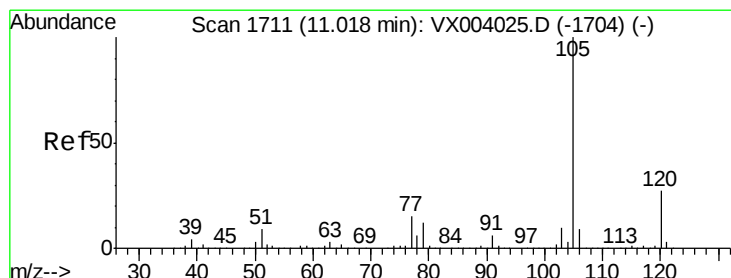
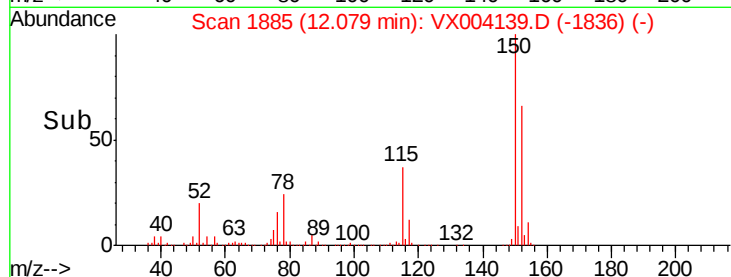
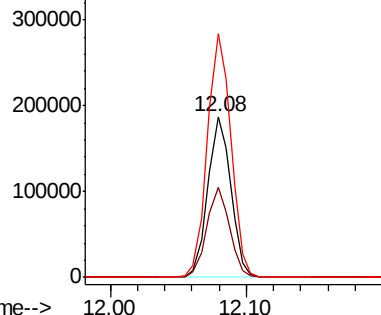
150 155.5 0.0 349.2



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: 0.21 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004139.D

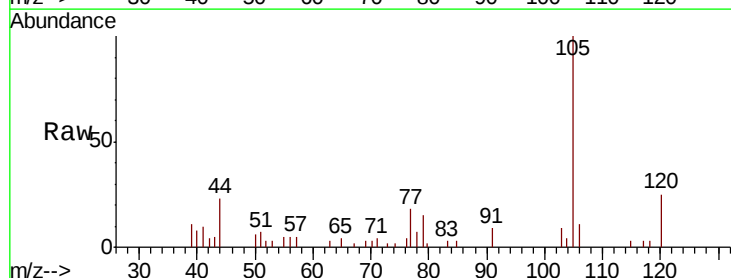
Acq: 17 Aug 2018 18:23

Tgt Ion:105 Resp: 3155

Ion Ratio Lower Upper

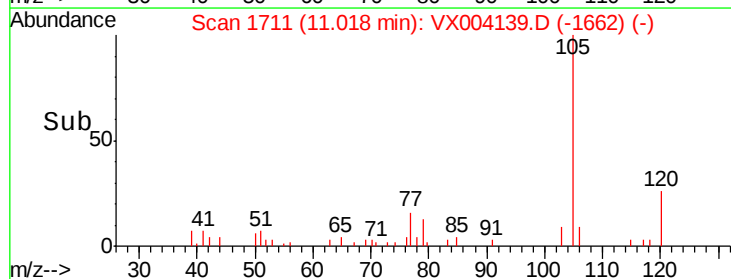
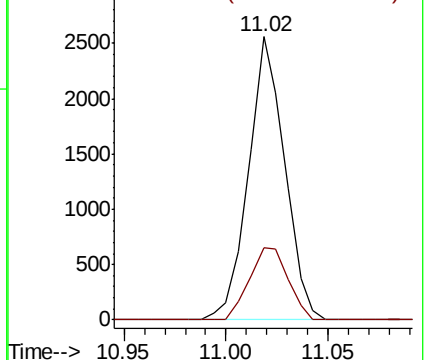
105 100

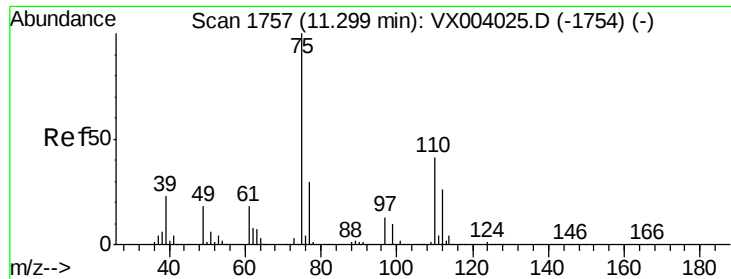
120 27.3 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 22.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX004139.D

Acq: 17 Aug 2018 18:23

Instrument :

MSVOA_X

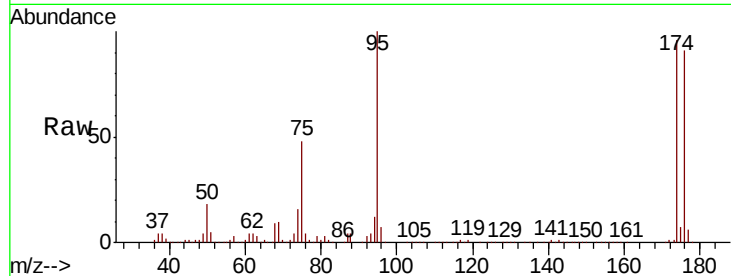
ClientSampled :

Tot Ion: 75 Resp: 101210

Ion Ratio Lower Upper

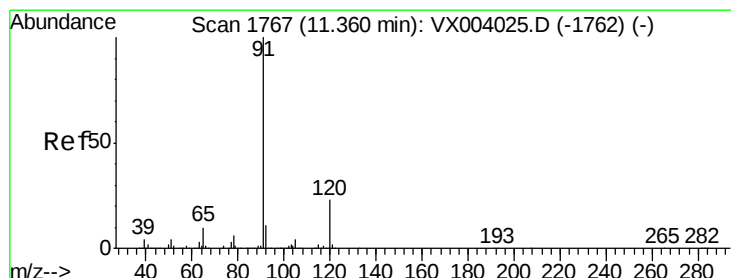
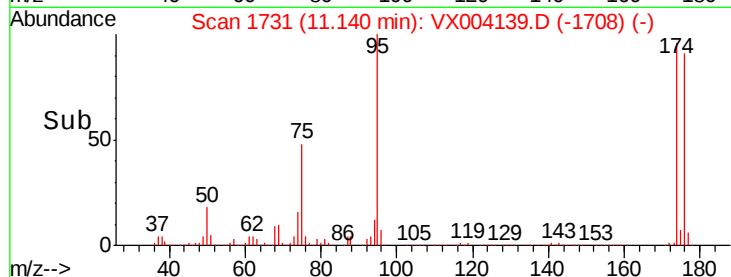
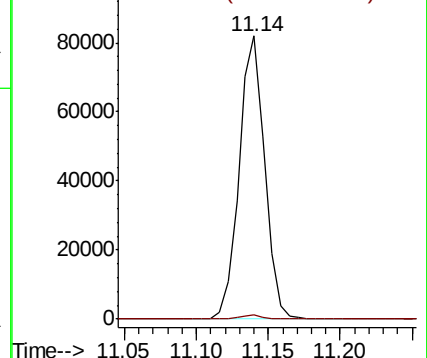
75 100

77 1.4 20.8 62.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#78

n-propylbenzene

Concen: 0.53 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004139.D

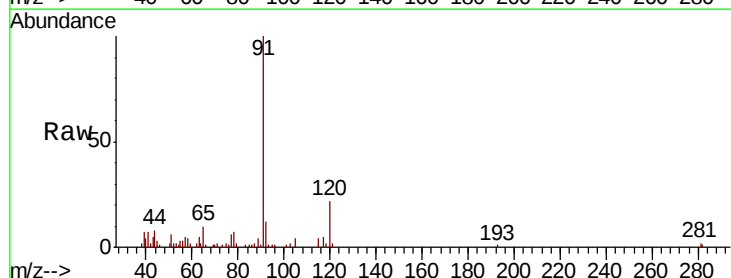
Acq: 17 Aug 2018 18:23

Tgt Ion: 91 Resp: 8897

Ion Ratio Lower Upper

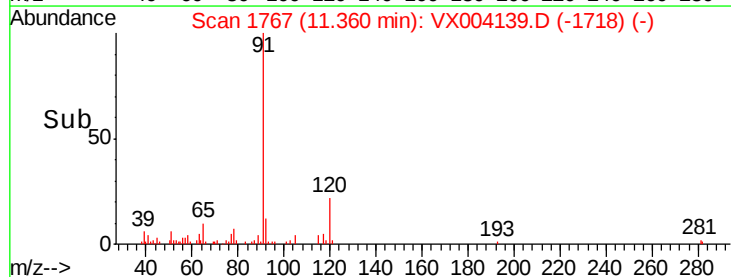
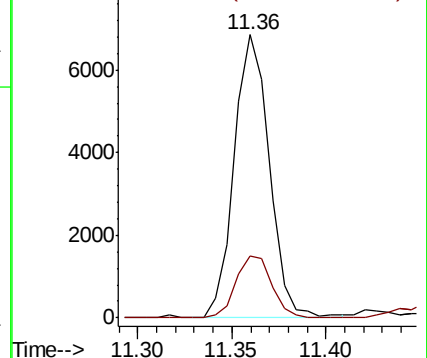
91 100

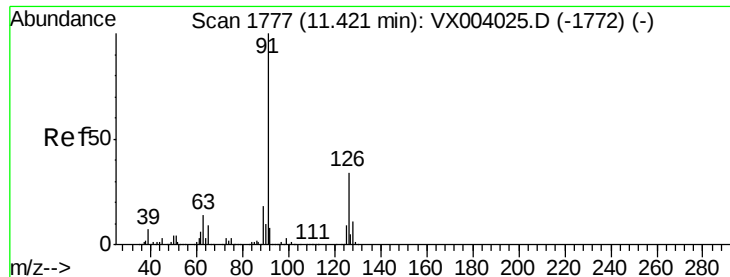
120 22.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

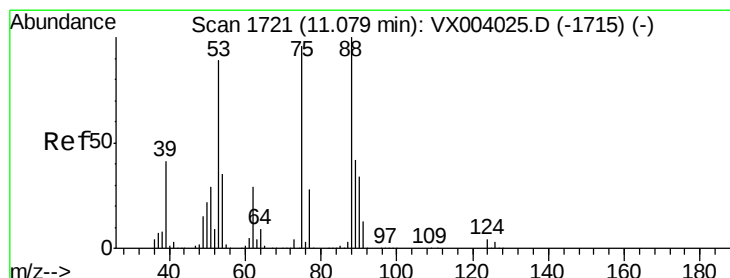
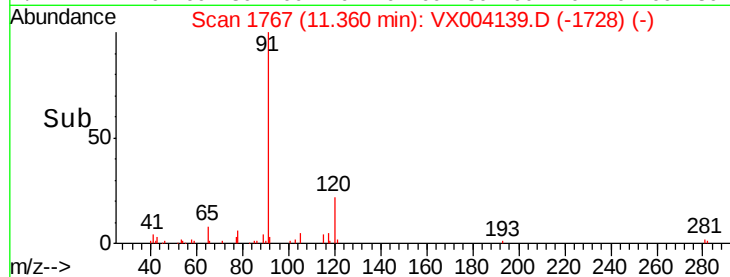
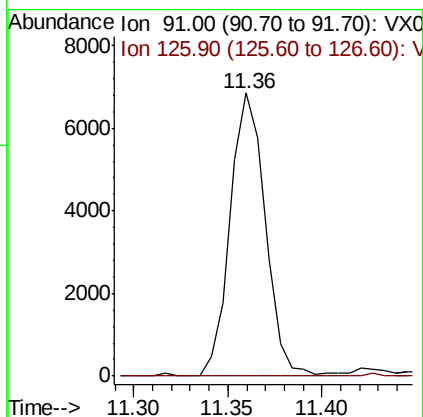
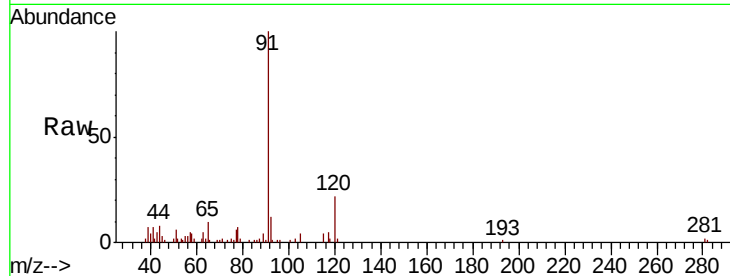




#79
 2-Chlorotoluene
 Concen: 0.87 ug/l
 RT: 11.36 min Scan# 1767
 Delta R.T. -0.06 min
 Lab File: VX004139.D
 Acq: 17 Aug 2018 18:23

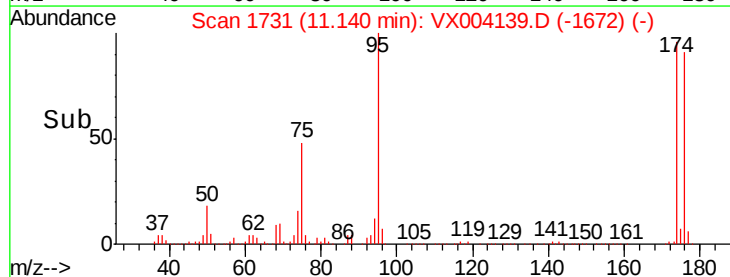
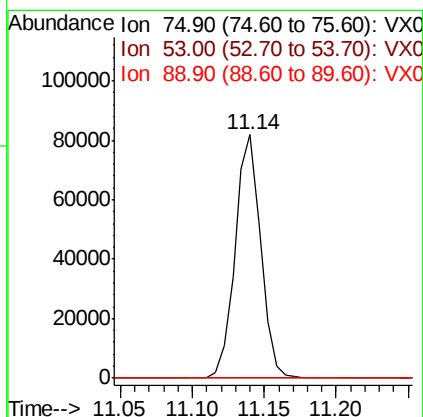
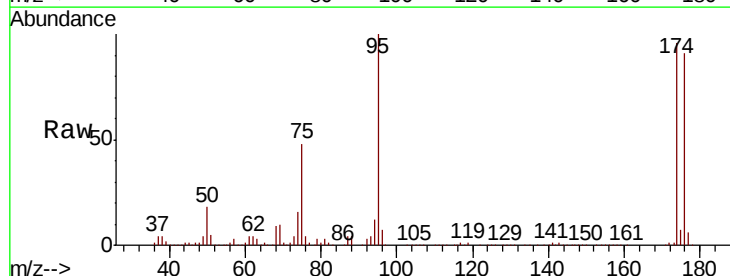
Instrument :
 MSVOA_X
 ClientSampleId :

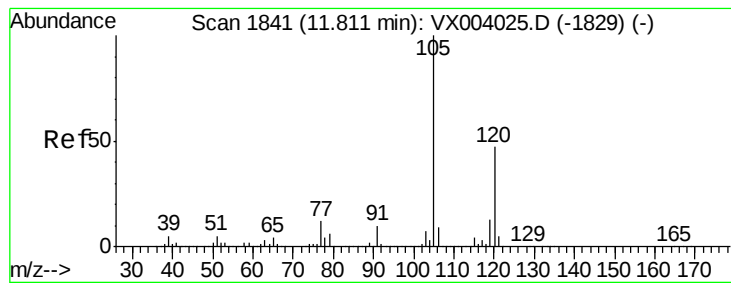
Tot Ion: 91 Resp: 8897
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.4 52.3#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.70 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX004139.D
 Acq: 17 Aug 2018 18:23

Tgt Ion: 75 Resp: 101210
 Ion Ratio Lower Upper
 75 100
 53 0.3 80.3 120.5#
 89 0.0 37.8 56.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.36 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX004139.D

Acq: 17 Aug 2018 18:23

Instrument :

MSVOA_X

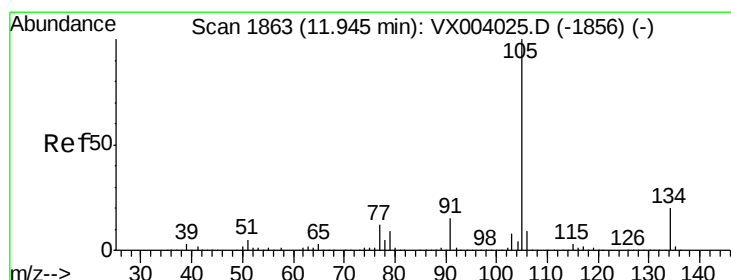
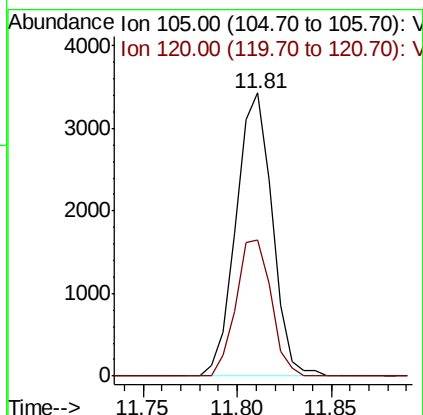
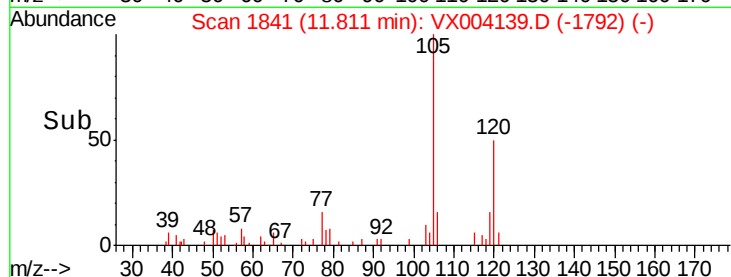
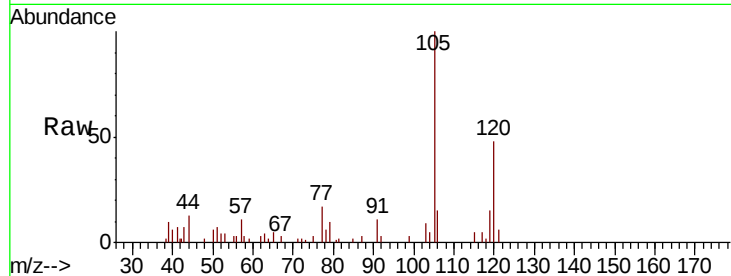
ClientSampleId :

Tot Ion:105 Resp: 4557

Ion Ratio Lower Upper

105 100

120 47.0 23.1 69.2



#85

sec-Butylbenzene

Concen: 0.21 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004139.D

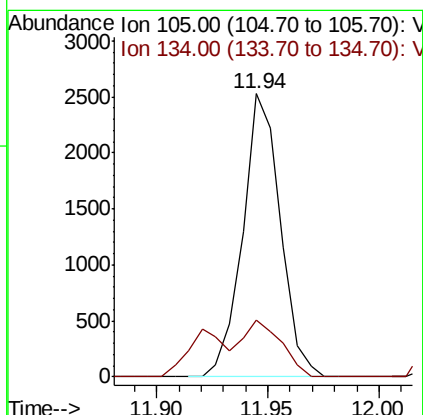
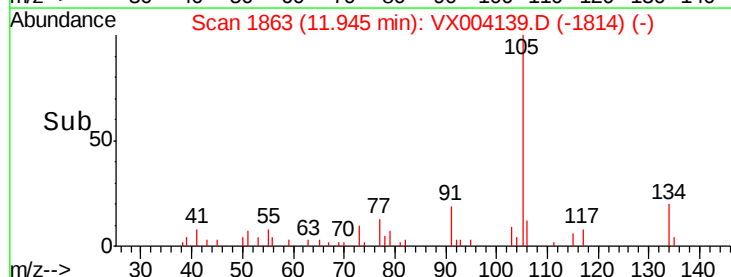
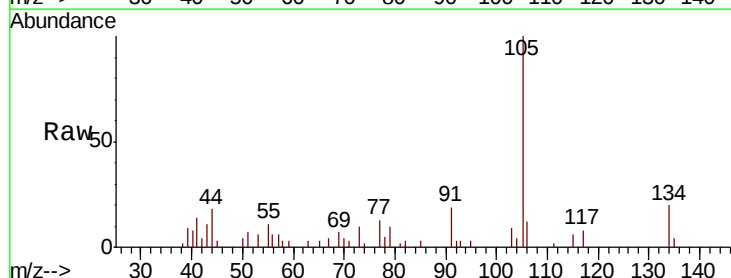
Acq: 17 Aug 2018 18:23

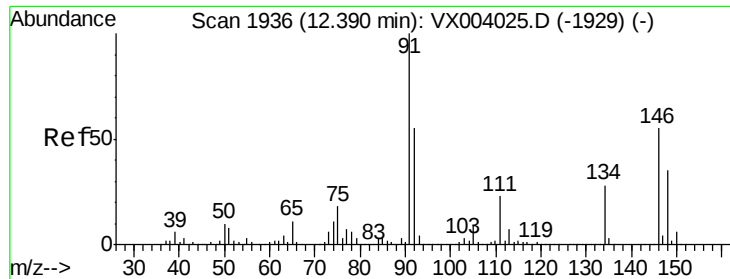
Tgt Ion:105 Resp: 2990

Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.9

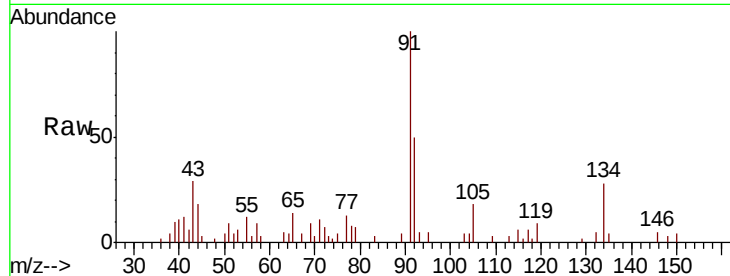




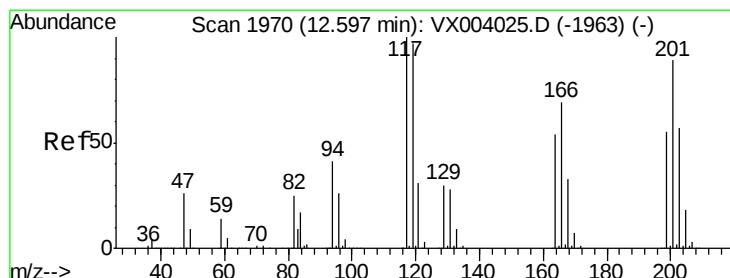
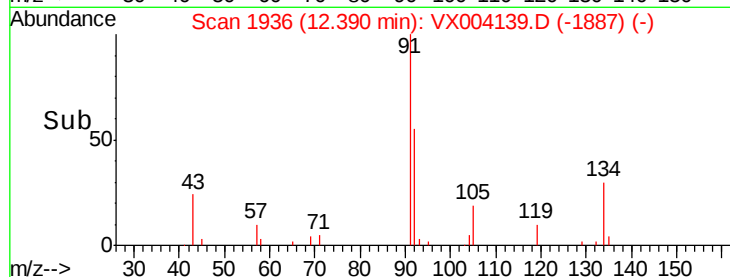
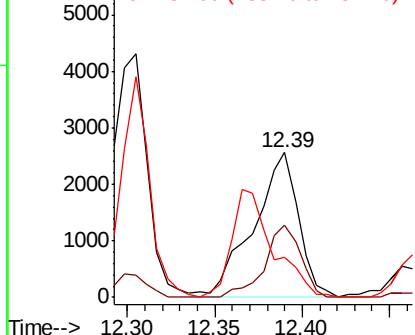
#89
n-Butylbenzene
Concen: 0.44 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 4586
Ion Ratio Lower Upper
91 100
92 40.2 27.1 81.3
134 0.0 13.6 40.7#

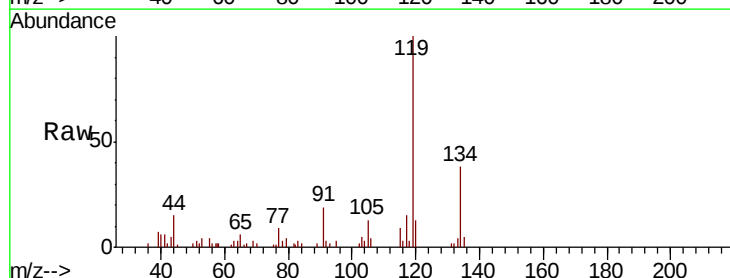


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

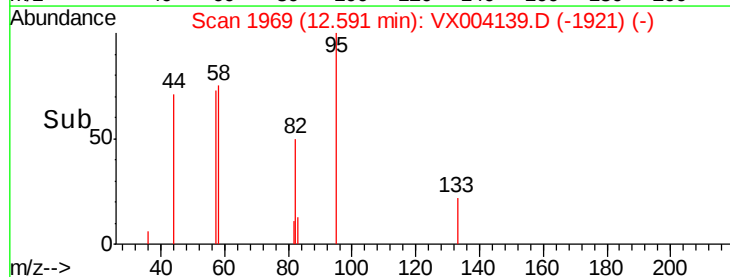
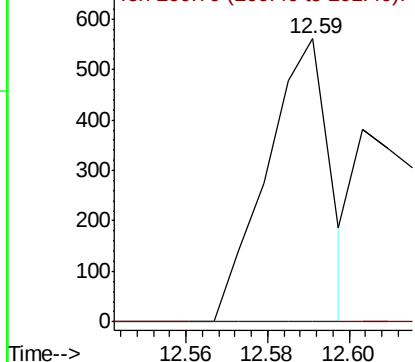


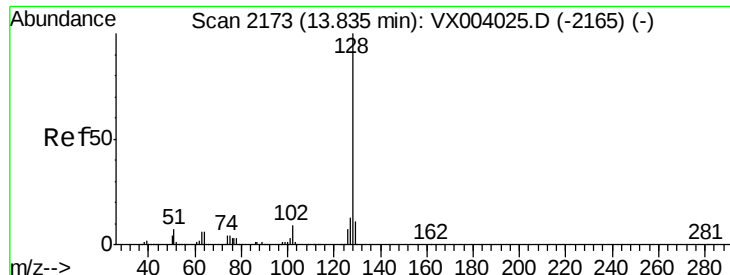
#90
Hexachloroethane
Concen: 0.31 ug/l
RT: 12.59 min Scan# 1969
Delta R.T. -0.01 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

Tgt Ion: 117 Resp: 601
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.2#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

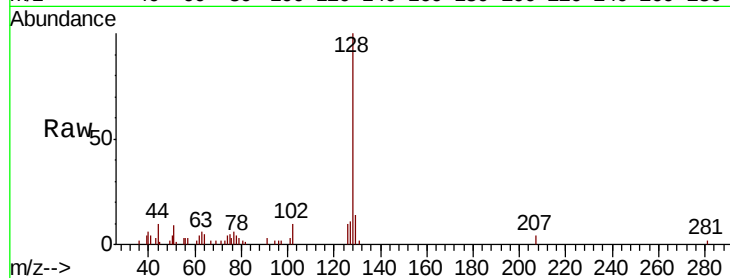




#95
Naphthalene
Concen: 1.44 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004139.D
Acq: 17 Aug 2018 18:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.2
129	12.5	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

