

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
 Data File : VX004832.D
 Acq On : 28 Sep 2018 20:06
 Operator : JC/MD
 Sample : J5130-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JBW-7338B

Quant Time: Sep 29 06:31:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241476	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394629	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	378172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213548	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	182582	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	5.50	113	152558	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
50) Toluene-d8	8.71	98	573035	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	11.14	95	206674	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	1980	0.496	ug/l #	82
4) Vinyl Chloride	1.40	62	112184	29.944	ug/l	97
6) Chloroethane	1.95	64	916	Below Cal		92
11) Tert butyl alcohol	3.03	59	8476	8.788	ug/l #	72
14) Allyl chloride	2.62	41	8269	1.448	ug/l #	60
15) Acrylonitrile	3.17	53	1806	0.851	ug/l #	36
16) Acetone	2.45	43	7582	3.765	ug/l	98
18) Methyl Acetate	2.84	43	178471	34.978	ug/l #	51
20) Methylene Chloride	2.84	84	1308	Below Cal	#	1
21) trans-1,2-Dichloroethene	3.17	96	1089	0.380	ug/l	85
27) cis-1,2-Dichloroethene	4.60	96	2820	0.881	ug/l	89
29) Tetrahydrofuran	5.18	42	604	0.327	ug/l #	57
31) Cyclohexane	5.57	56	31209	7.111	ug/l	93
36) 1,1-Dichloropropene	5.67	75	16664	3.652	ug/l #	50
38) Carbon Tetrachloride	5.66	117	21041	4.387	ug/l #	15
39) Methylcyclohexane	7.46	83	15429	3.311	ug/l	89
40) Benzene	6.15	78	17177	1.202	ug/l	99
43) Isopropyl Acetate	6.35	43	26969	3.085	ug/l #	59
44) Trichloroethene	7.21	130	1624	0.462	ug/l	86
48) Methyl methacrylate	7.73	41	869	0.219	ug/l #	29
52) Toluene	8.79	92	7785	0.992	ug/l	97
55) 1,1,2-Trichloroethane	9.16	97	2164	0.629	ug/l #	21
56) Ethyl methacrylate	9.16	69	707	2.982	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.38	63	22	14.249	ug/l #	45
67) Ethyl Benzene	10.26	91	40337	2.620	ug/l	97
68) m/p-Xylenes	10.36	106	1704	0.283	ug/l	98
70) Styrene	10.73	104	22	2.142	ug/l #	27
73) Isopropylbenzene	11.02	105	6022	0.447	ug/l	98
74) N-amyl acetate	10.91	43	160	1.769	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	102864	21.491	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	611	Below Cal		98
81) trans-1,4-Dichloro-2-buten	11.14	75	102864	58.272	ug/l #	10
95) Naphthalene	13.83	128	910	0.770	ug/l #	55

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Instrument :
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Quant Time: Sep 29 06:31:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

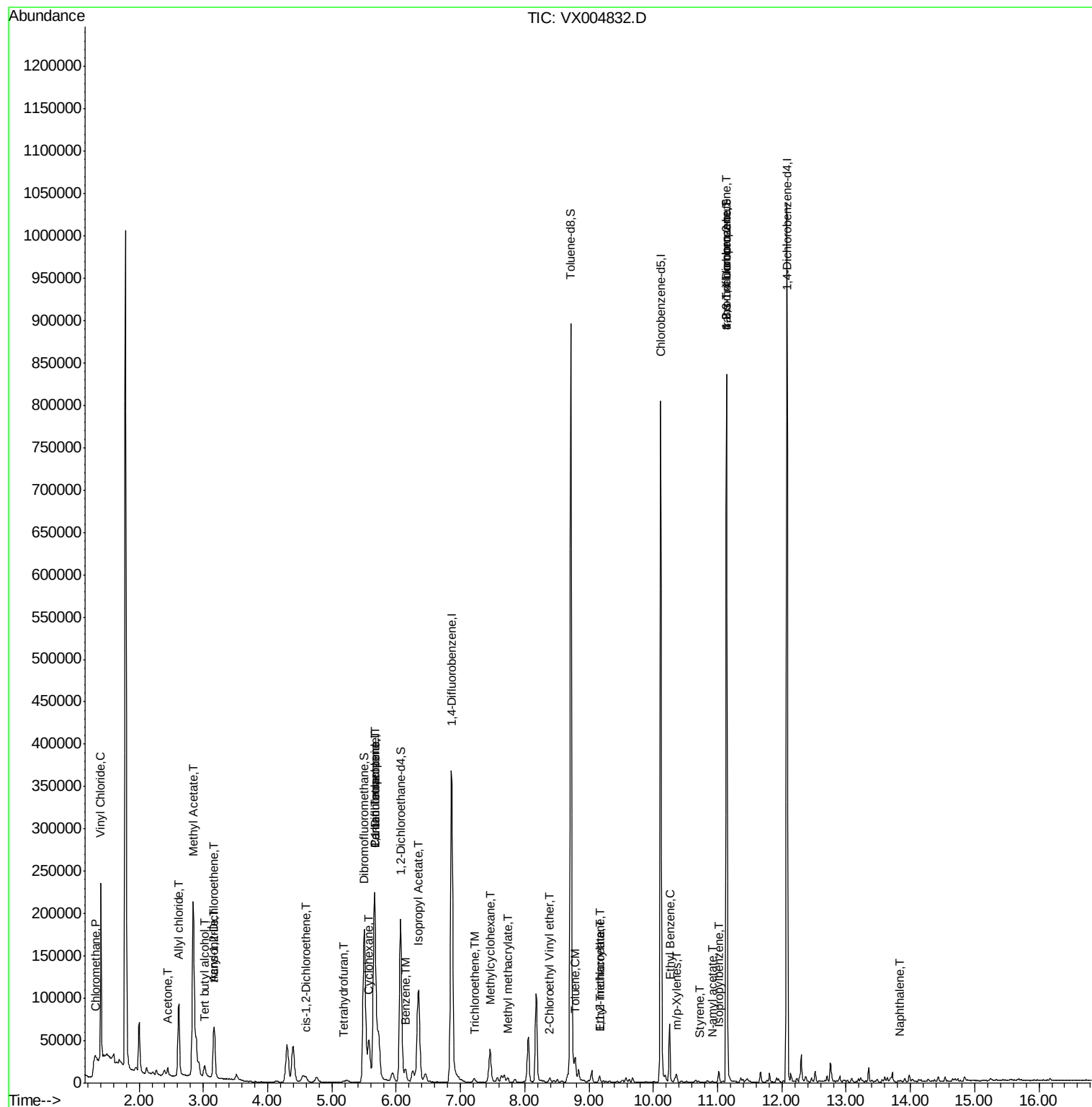
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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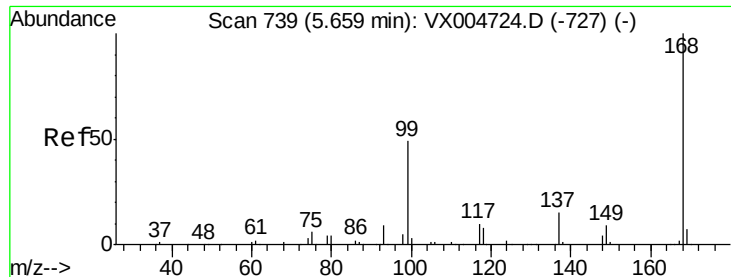
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

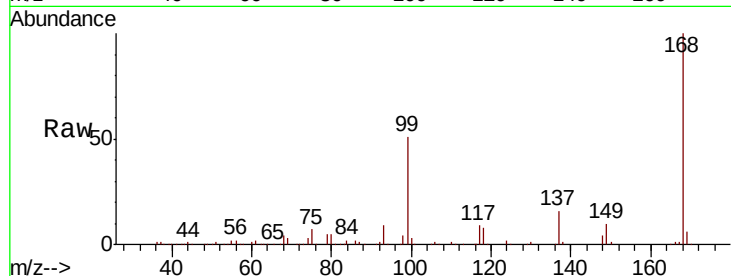
FA18-JBW-7338B

Tot Ion:168 Resp: 241476

Ion Ratio Lower Upper

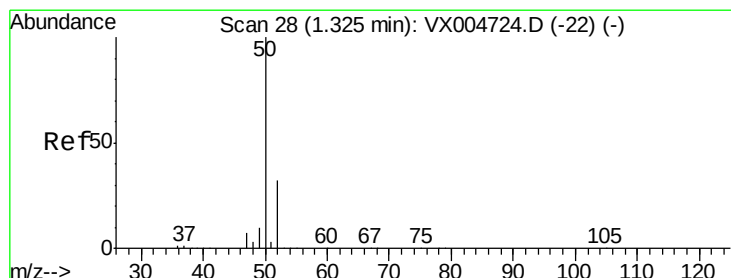
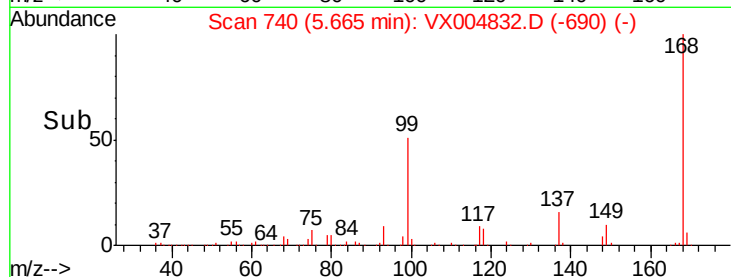
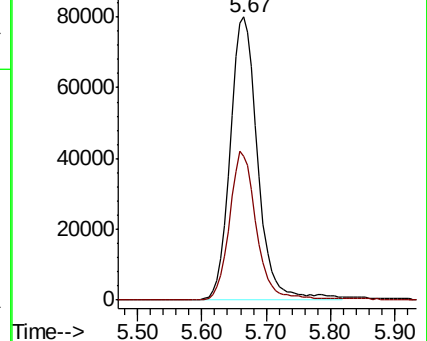
168 100

99 50.6 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.496 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004832.D

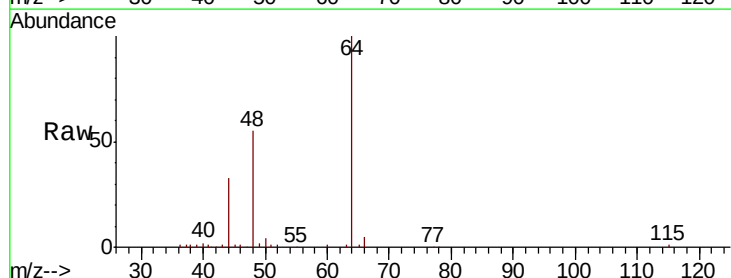
Acq: 28 Sep 2018 20:06

Tgt Ion: 50 Resp: 1980

Ion Ratio Lower Upper

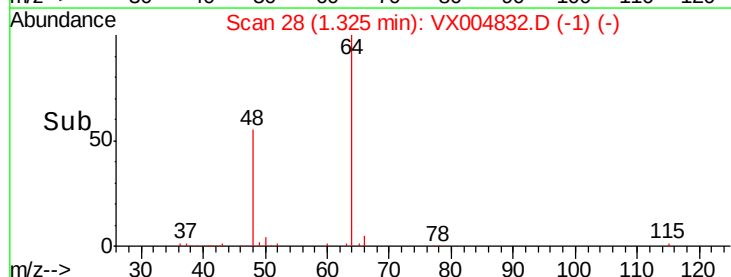
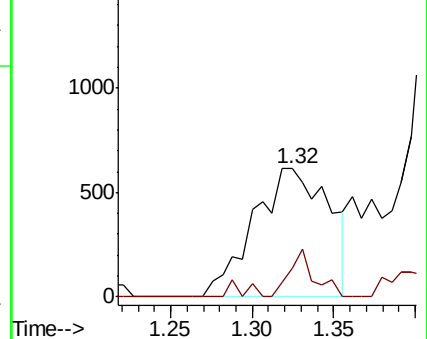
50 100

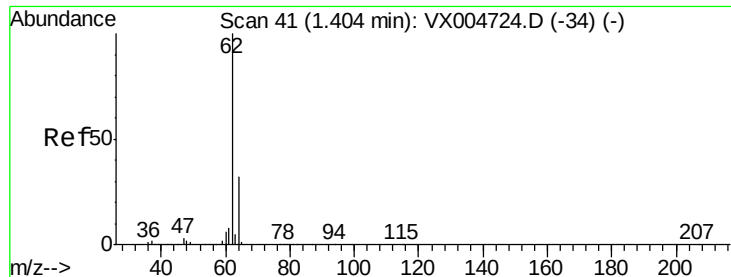
52 22.6 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 29.944 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

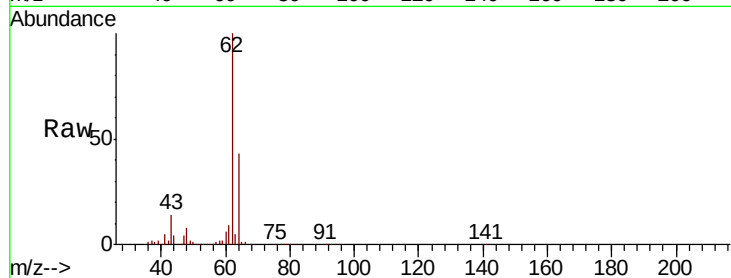
FA18-JBW-7338B

Tot Ion: 62 Resp: 112184

Ion Ratio Lower Upper

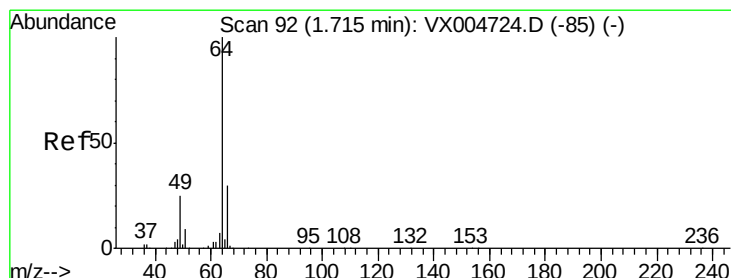
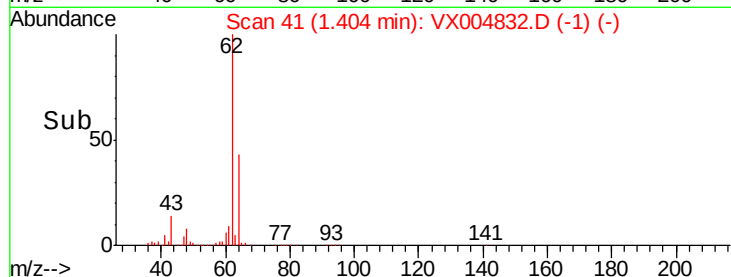
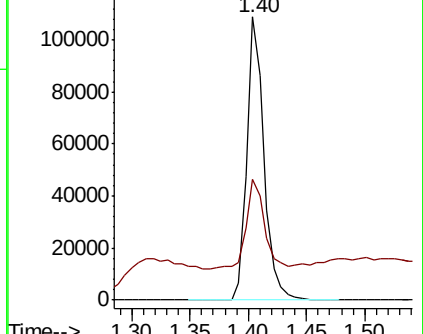
62 100

64 30.8 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.95 min Scan# 130

Delta R.T. 0.23 min

Lab File: VX004832.D

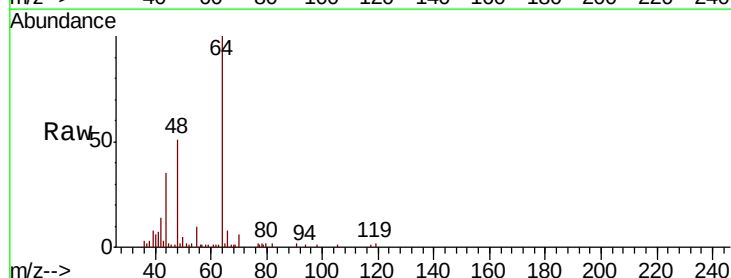
Acq: 28 Sep 2018 20:06

Tgt Ion: 64 Resp: 916

Ion Ratio Lower Upper

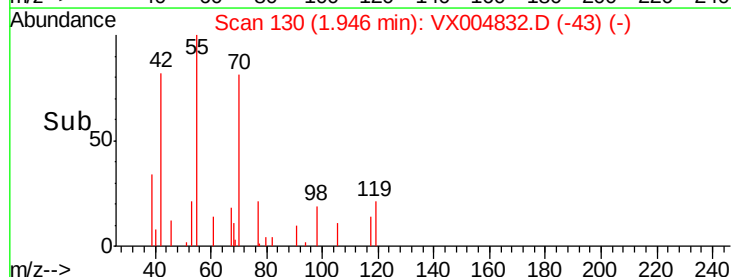
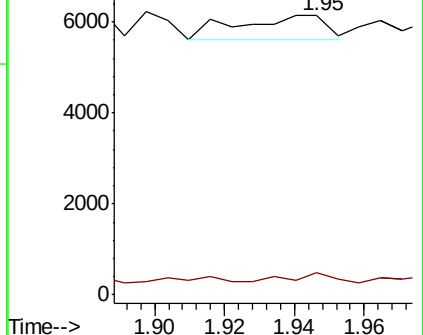
64 100

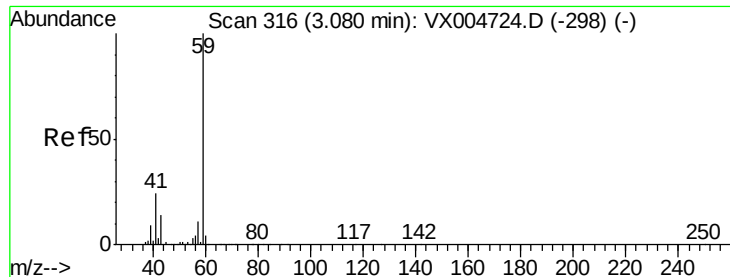
66 34.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

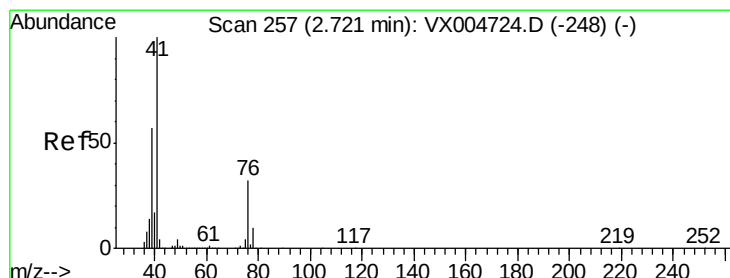
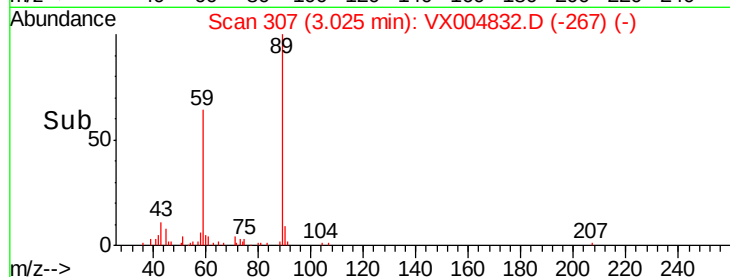
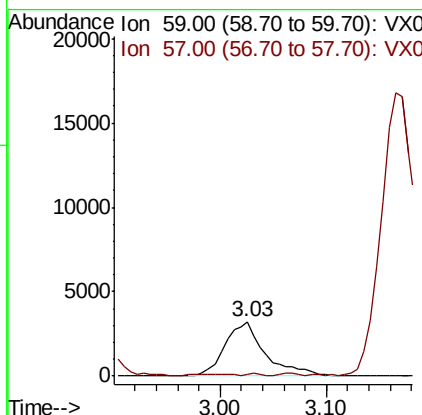
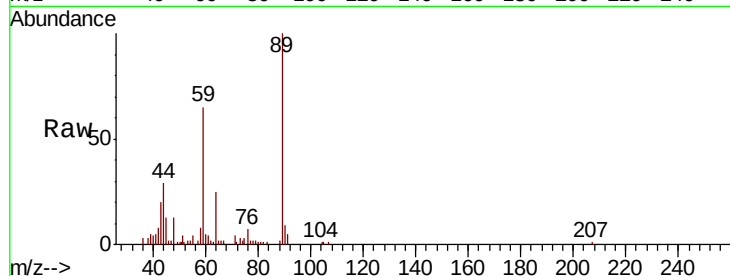




#11
Tert butyl alcohol
Concen: 8.788 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX004832.D
Acq: 28 Sep 2018 20:06

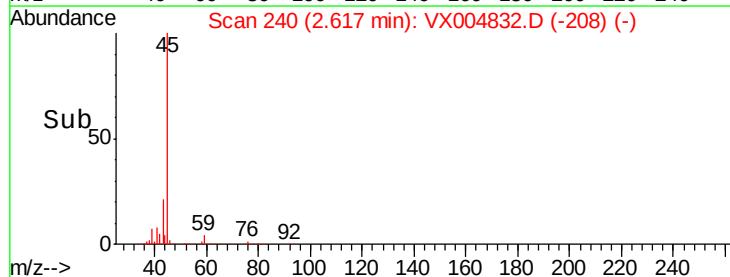
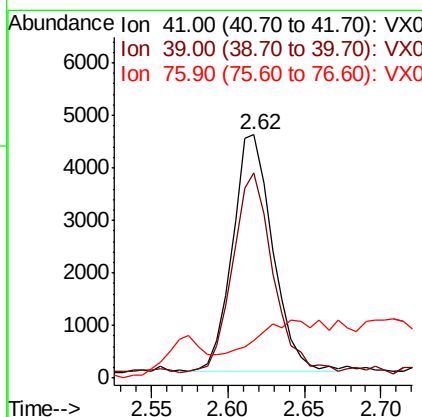
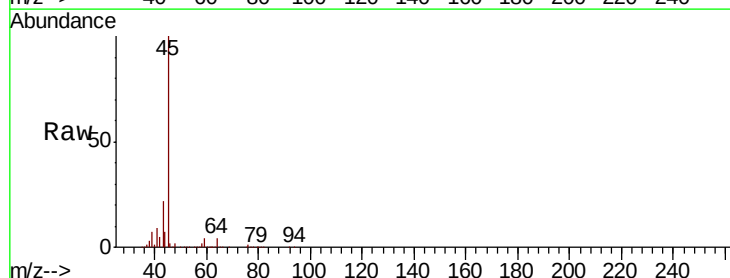
Instrument :
MSVOA_X
ClientSampleId :
FA18-JBW-7338B

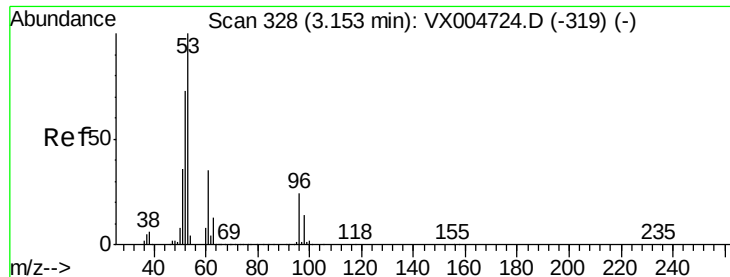
Tot Ion: 59 Resp: 8476
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#14
Allyl chloride
Concen: 1.448 ug/l
RT: 2.62 min Scan# 240
Delta R.T. -0.10 min
Lab File: VX004832.D
Acq: 28 Sep 2018 20:06

Tgt Ion: 41 Resp: 8269
Ion Ratio Lower Upper
41 100
39 84.3 48.9 73.3#
76 0.0 26.7 40.1#





#15

Acrylonitrile

Concen: 0.851 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

FA18-JBW-7338B

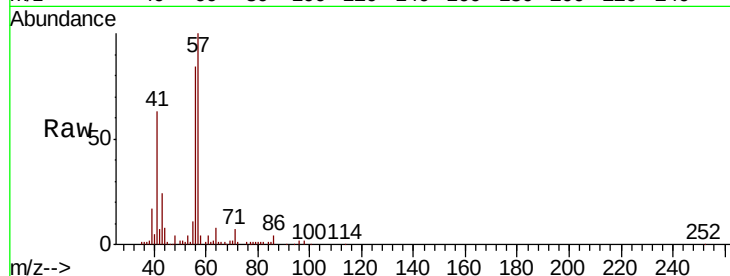
Tot Ion: 53 Resp: 1806

Ion Ratio Lower Upper

53 100

52 19.8 65.2 97.8#

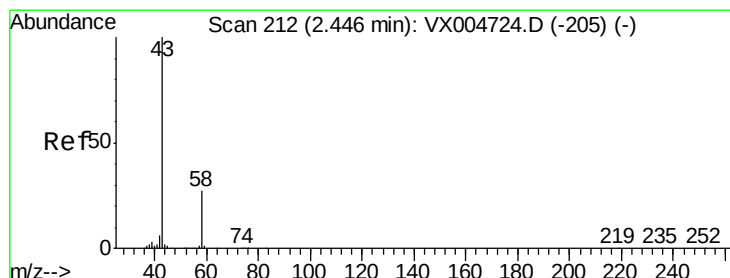
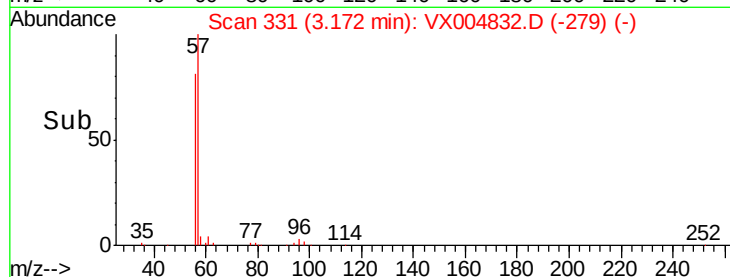
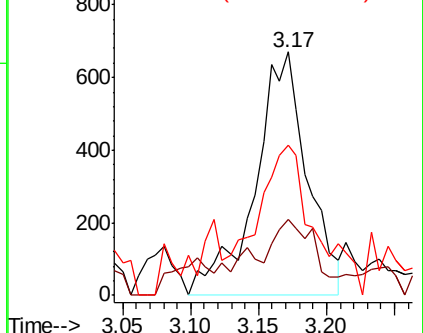
51 66.0 28.2 42.2#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 3.765 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004832.D

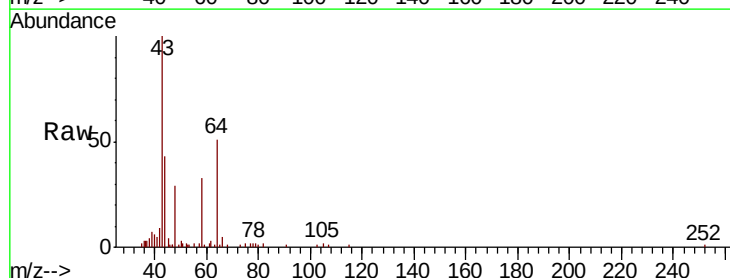
Acq: 28 Sep 2018 20:06

Tgt Ion: 43 Resp: 7582

Ion Ratio Lower Upper

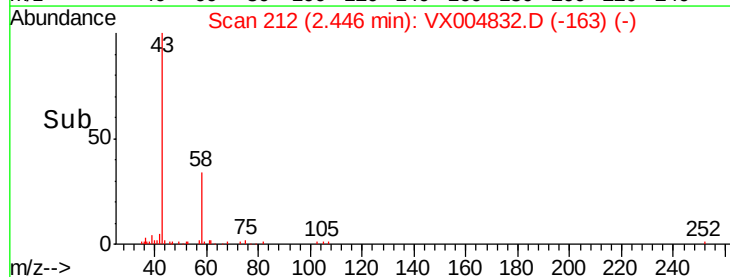
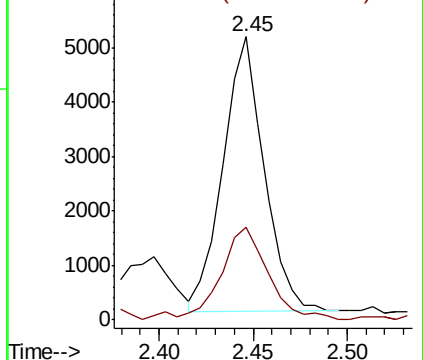
43 100

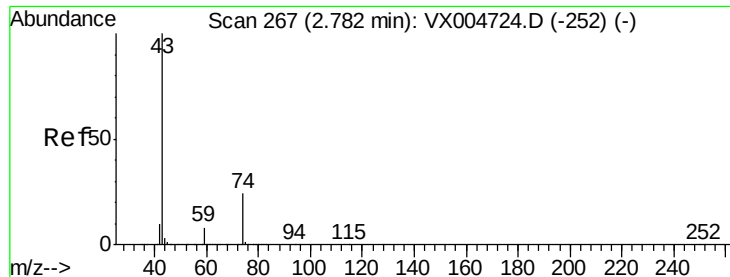
58 33.7 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

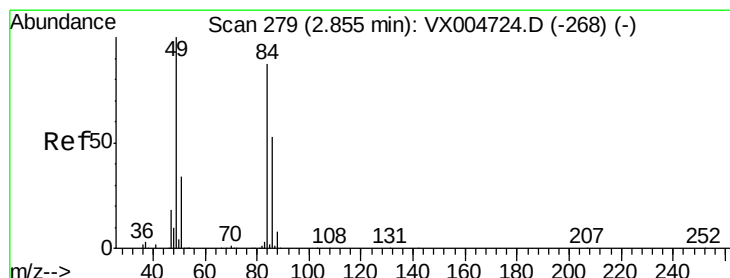
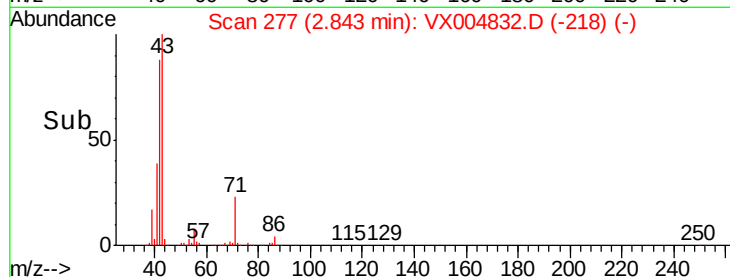
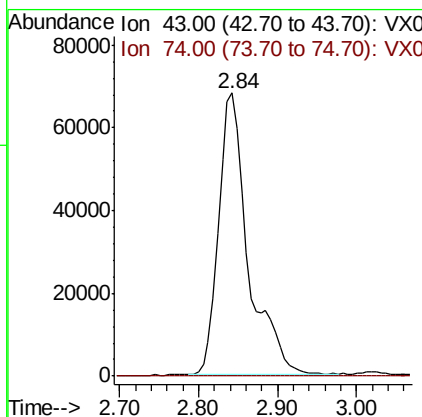
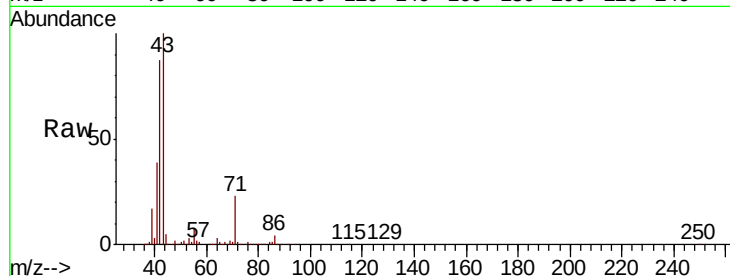




#18
Methyl Acetate
Concen: 34.978 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.06 min
Lab File: VX004832.D
Acq: 28 Sep 2018 20:06

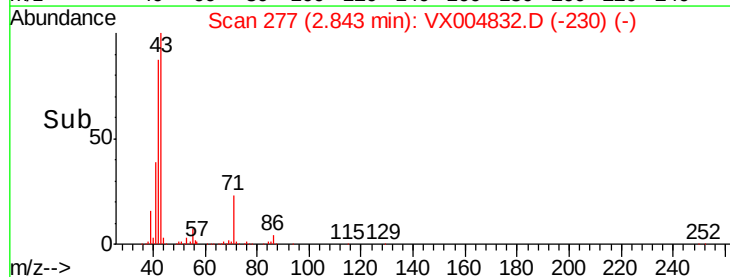
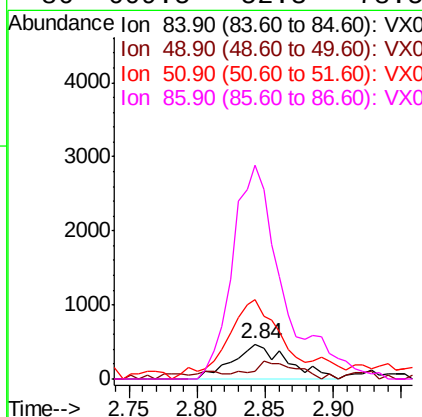
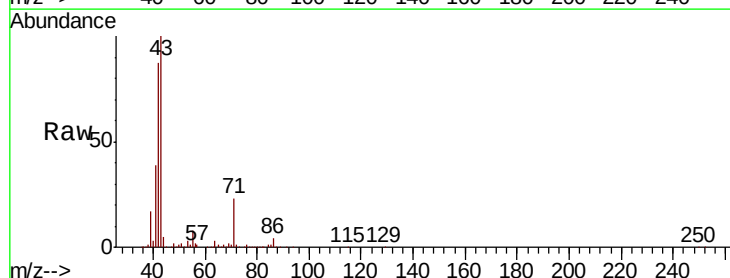
Instrument :
MSVOA_X
ClientSampleId :
FA18-JBW-7338B

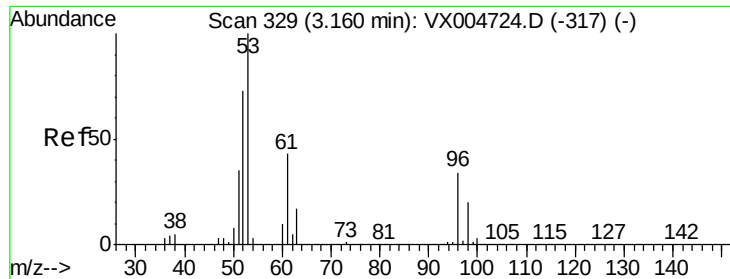
Tot Ion: 43 Resp: 178471
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX004832.D
Acq: 28 Sep 2018 20:06

Tgt Ion: 84 Resp: 1308
Ion Ratio Lower Upper
84 100
49 21.6 101.2 151.8#
51 193.7 29.5 44.3#
86 609.5 52.3 78.5#





#21

trans-1,2-Dichloroethene

Concen: 0.380 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

FA18-JBW-7338B

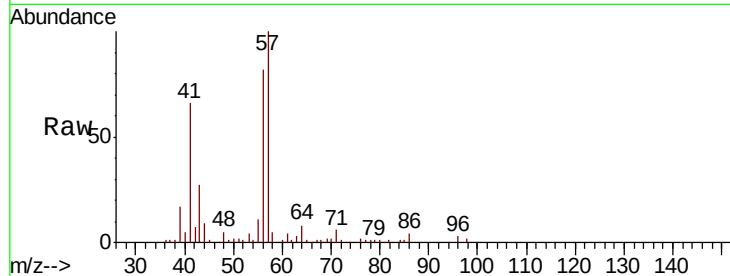
Tot Ion: 96 Resp: 1089

Ion Ratio Lower Upper

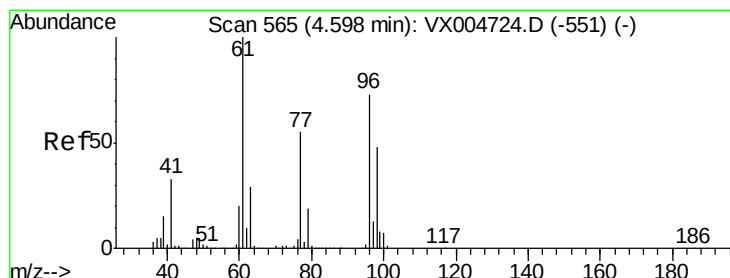
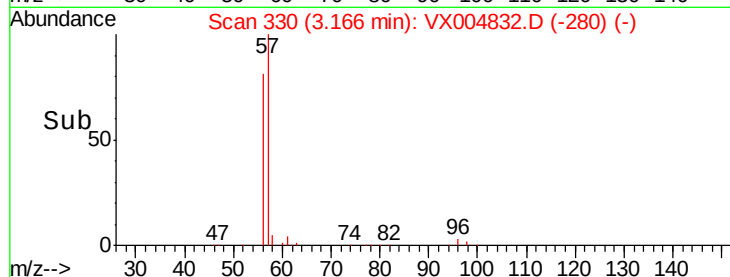
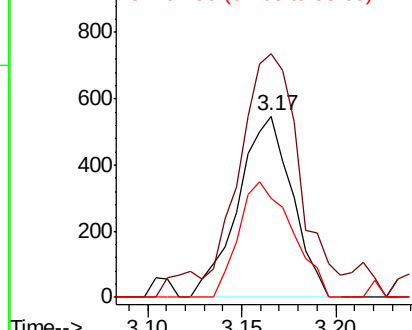
96 100

61 121.9 113.8 170.6

98 54.7 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.881 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

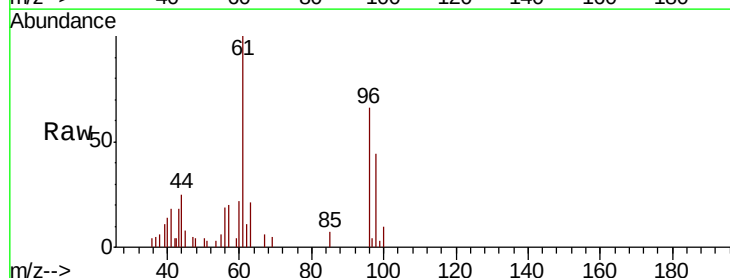
Tgt Ion: 96 Resp: 2820

Ion Ratio Lower Upper

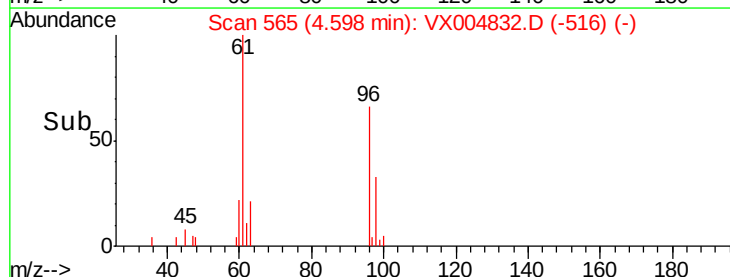
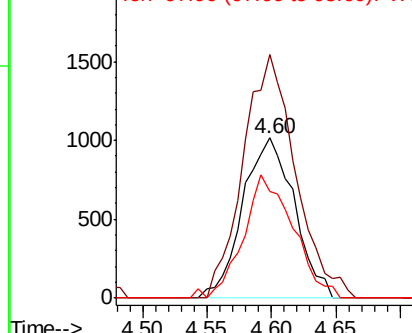
96 100

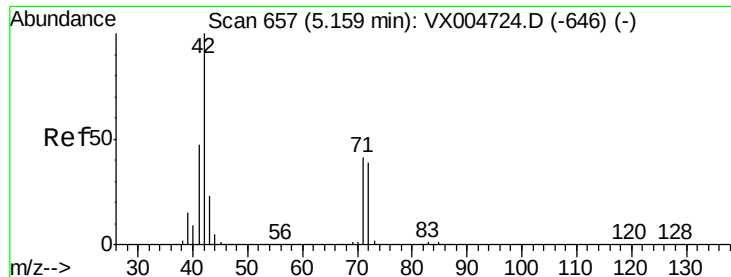
61 154.8 0.0 282.6

98 74.3 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#29

Tetrahydrofuran

Concen: 0.327 ug/l

RT: 5.18 min Scan# 660

Delta R.T. 0.02 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

FA18-JBW-7338B

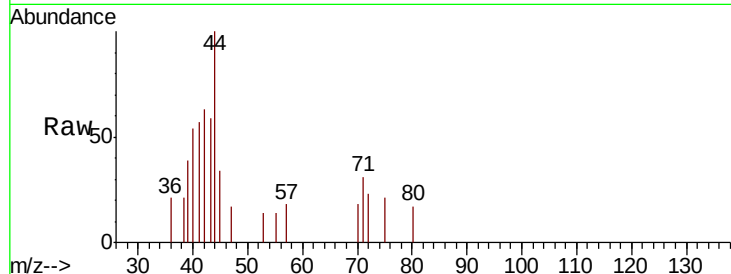
Tot Ion: 42 Resp: 604

Ion Ratio Lower Upper

42 100

72 32.8 37.4 56.0#

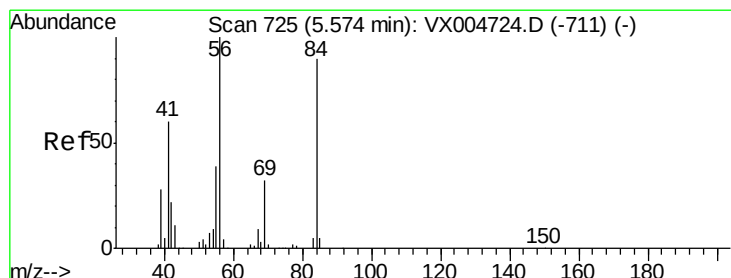
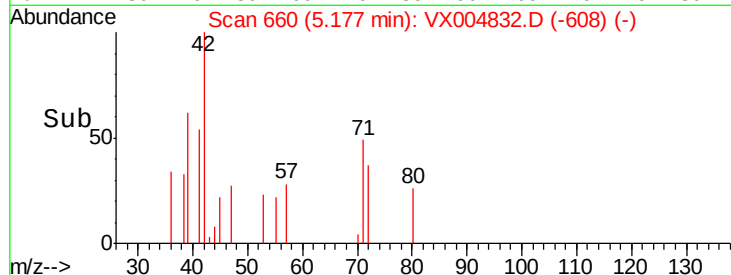
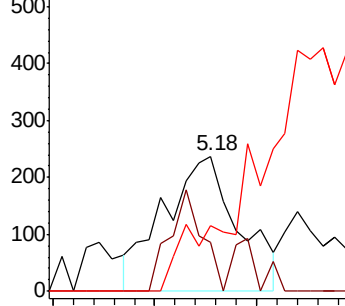
71 0.0 34.5 51.7#



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



#31

Cyclohexane

Concen: 7.111 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

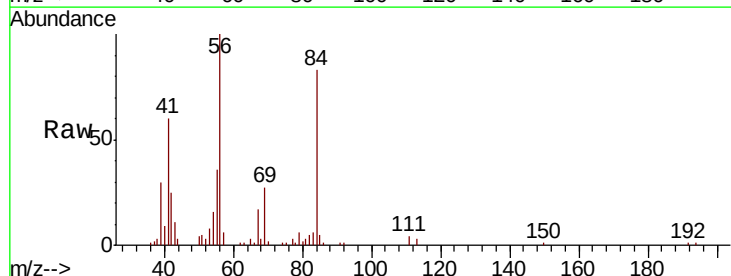
Tgt Ion: 56 Resp: 31209

Ion Ratio Lower Upper

56 100

69 26.9 25.4 38.2

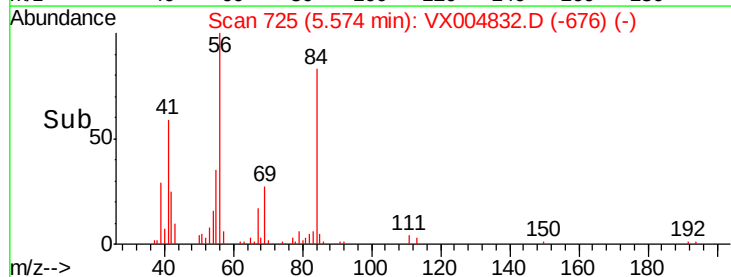
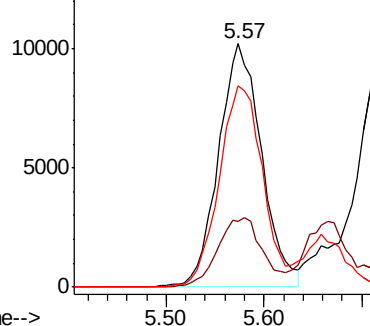
84 82.8 71.4 107.2

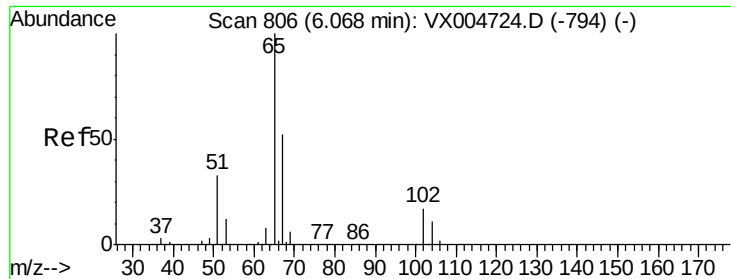


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

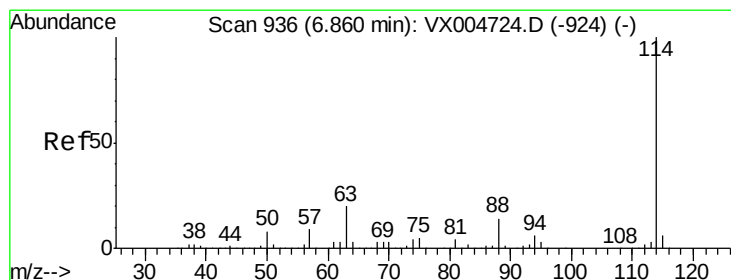
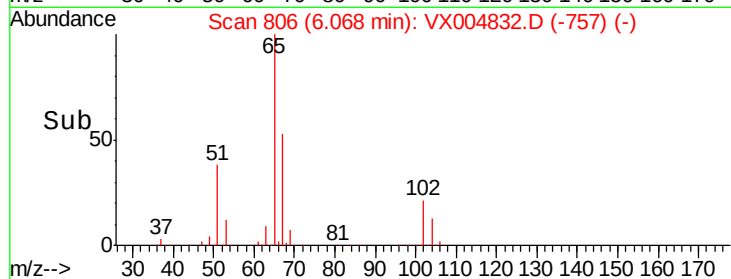
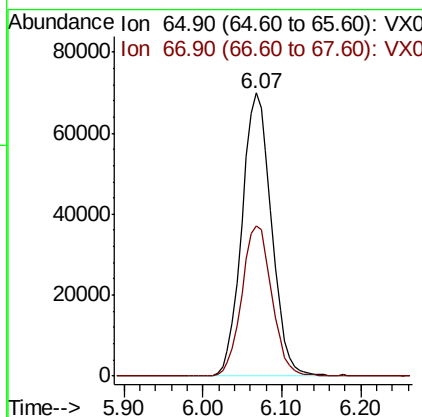
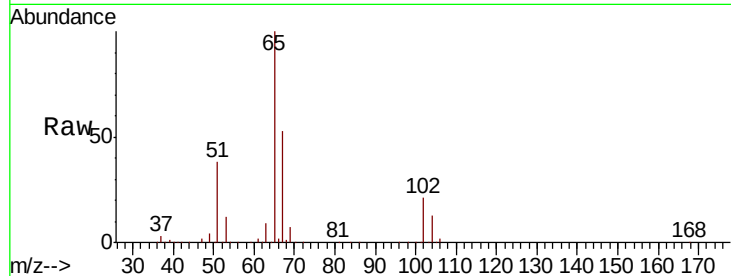




#33
 1,2-Dichloroethane-d4
 Concen: 52.930 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004832.D
 Acq: 28 Sep 2018 20:06

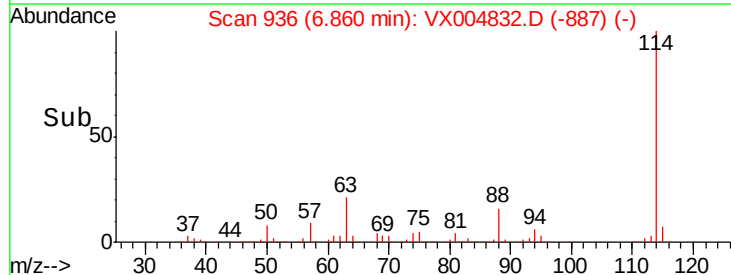
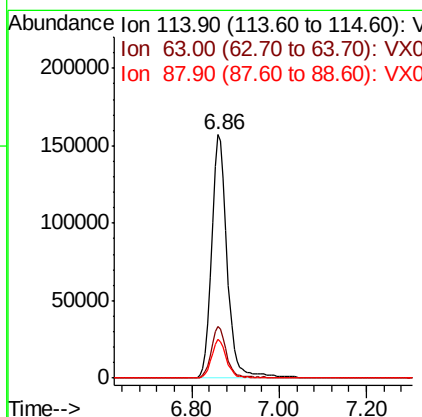
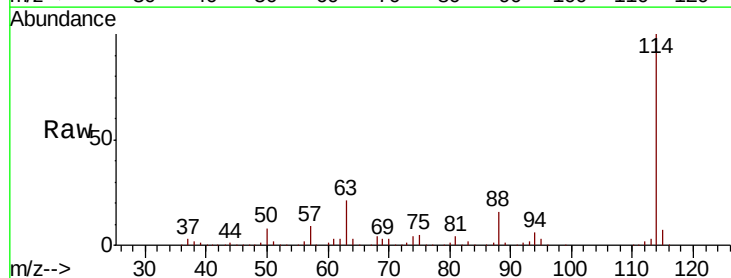
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JBW-7338B

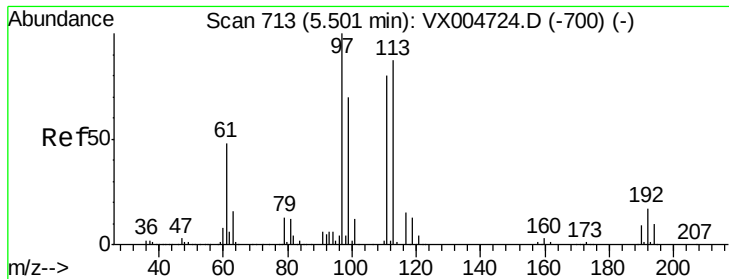
Tot Ion: 65 Resp: 182582
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004832.D
 Acq: 28 Sep 2018 20:06

Tgt Ion: 114 Resp: 394629
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.0
 88 16.1 0.0 30.4





#35

Dibromofluoromethane

Concen: 45.614 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

FA18-JBW-7338B

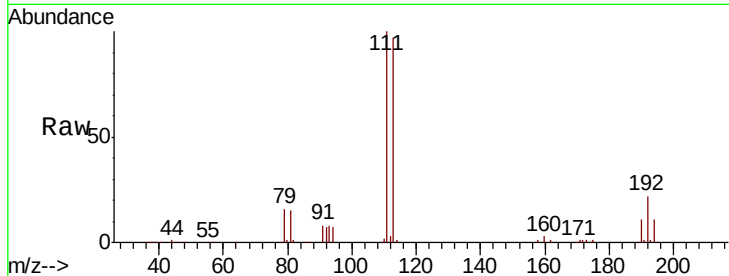
Tot Ion:113 Resp: 152558

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

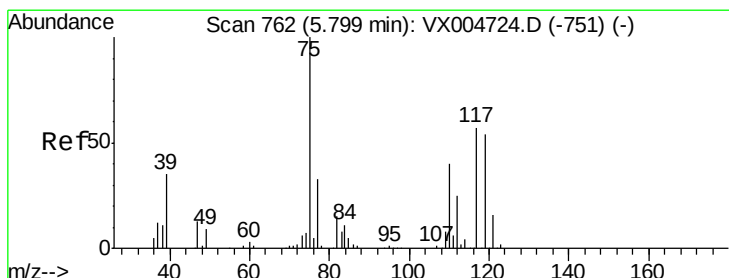
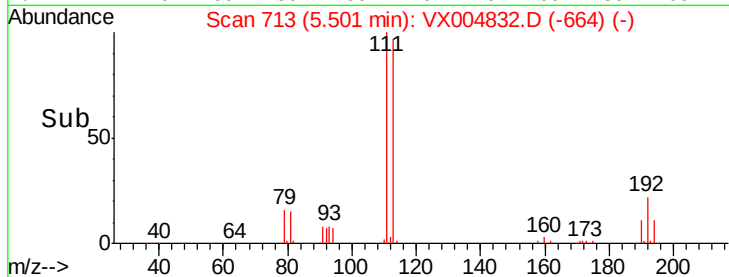
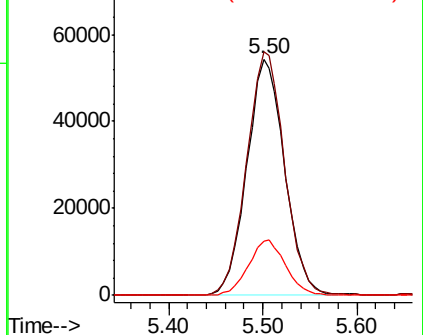
192 23.1 19.4 29.2



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: 3.652 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

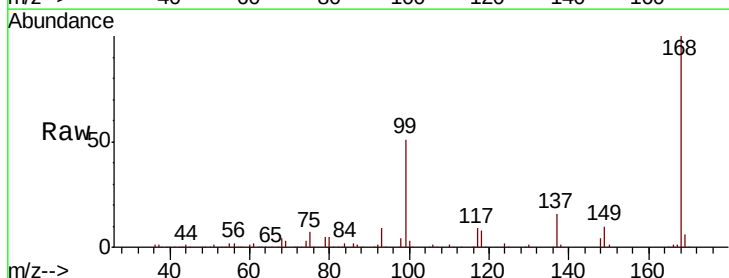
Tgt Ion: 75 Resp: 16664

Ion Ratio Lower Upper

75 100

110 9.0 18.0 54.0#

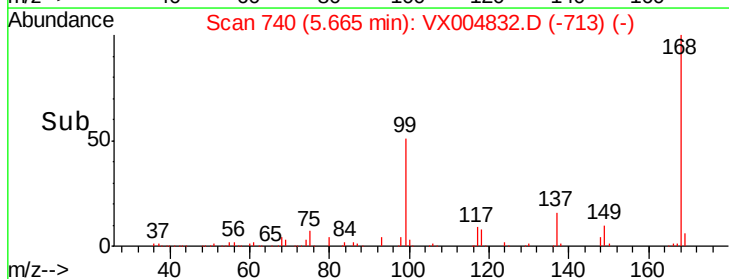
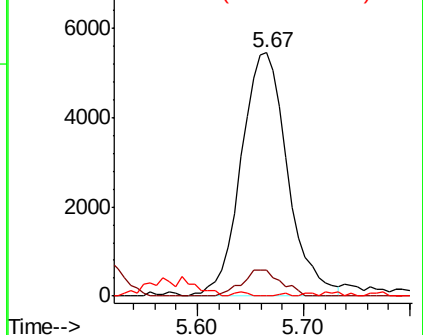
77 0.3 24.6 36.8#

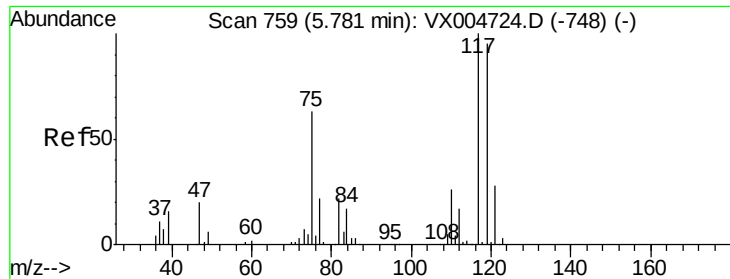


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

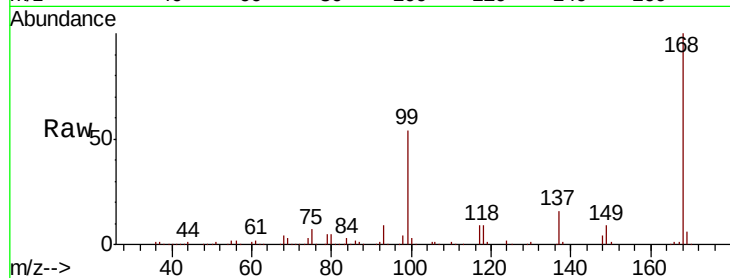




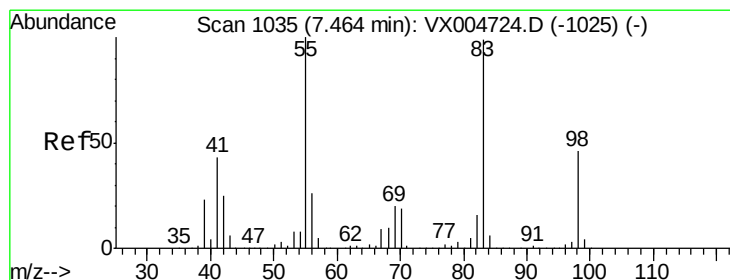
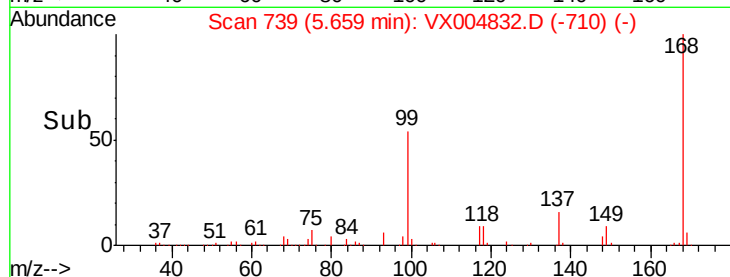
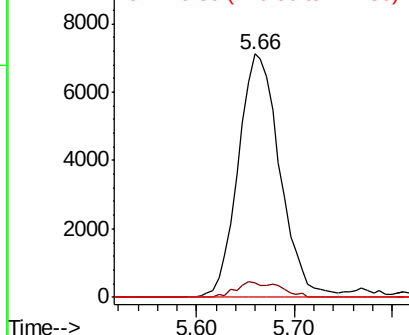
#38
Carbon Tetrachloride
Concen: 4.387 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX004832.D
Acq: 28 Sep 2018 20:06

Instrument :
MSVOA_X
ClientSampleId :
FA18-JBW-7338B

Tot Ion:117 Resp: 21041
Ion Ratio Lower Upper
117 100
119 5.7 78.8 118.2#
121 0.0 24.9 37.3#

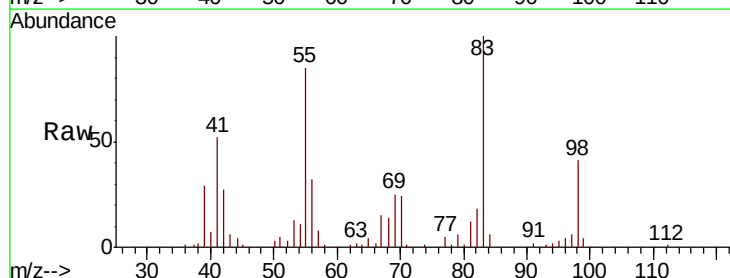


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

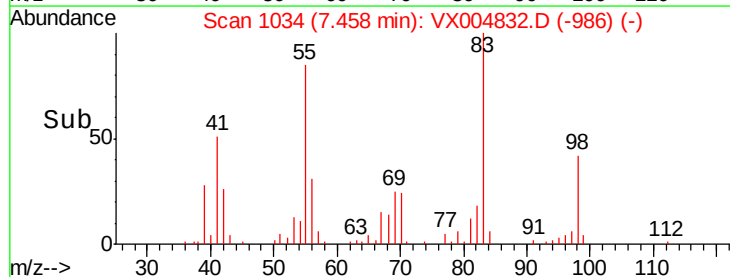
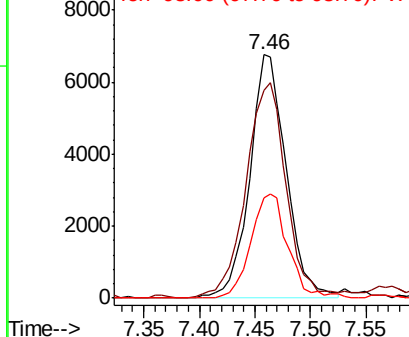


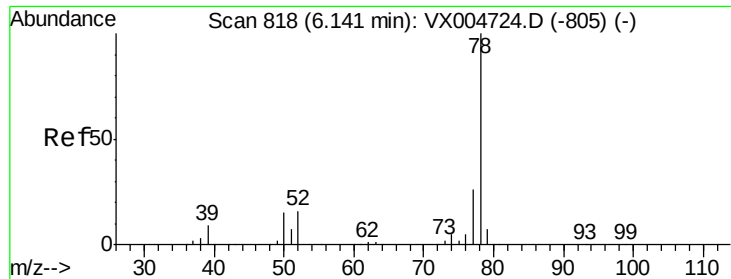
#39
Methylcyclohexane
Concen: 3.311 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004832.D
Acq: 28 Sep 2018 20:06

Tgt Ion: 83 Resp: 15429
Ion Ratio Lower Upper
83 100
55 85.4 61.0 91.4
98 41.3 39.6 59.4



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: 1.202 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

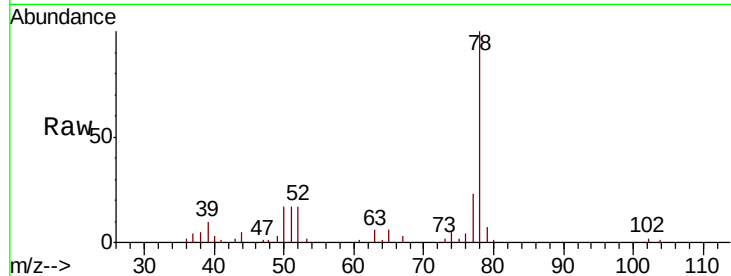
FA18-JBW-7338B

Tot Ion: 78 Resp: 17177

Ion Ratio Lower Upper

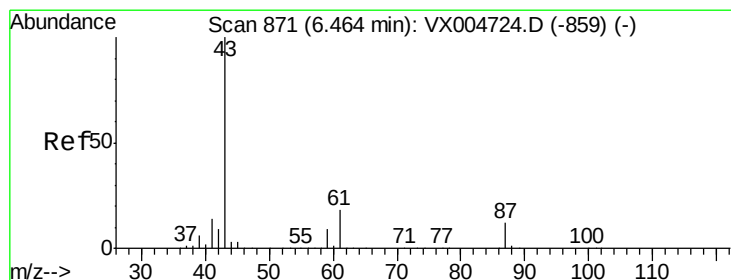
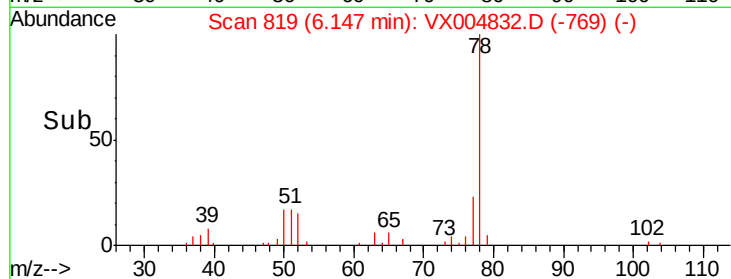
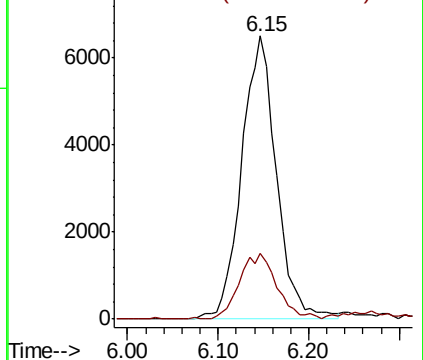
78 100

77 23.4 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 3.085 ug/l

RT: 6.35 min Scan# 852

Delta R.T. -0.12 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

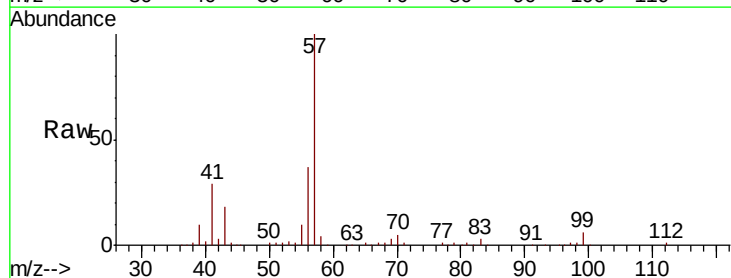
Tgt Ion: 43 Resp: 26969

Ion Ratio Lower Upper

43 100

61 0.0 17.0 25.4#

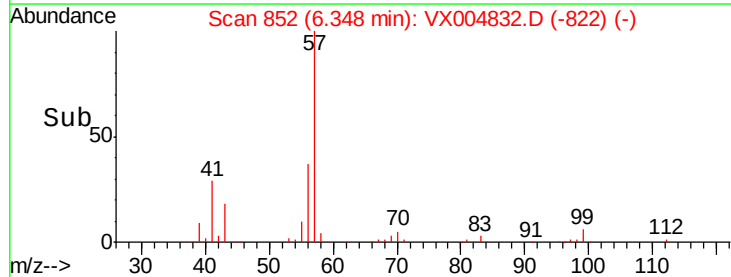
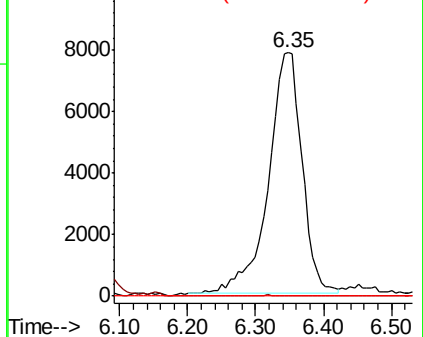
87 0.0 11.4 17.2#

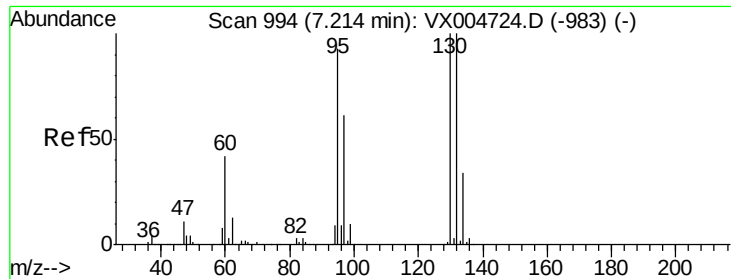


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 0.462 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

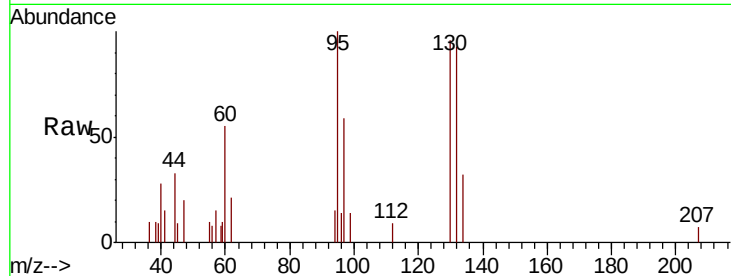
FA18-JBW-7338B

Tot Ion:130 Resp: 1624

Ion Ratio Lower Upper

130 100

95 103.7 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

800

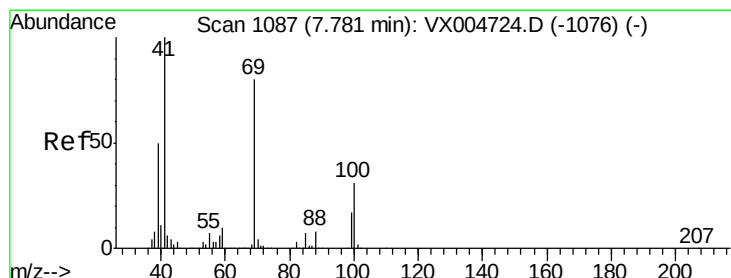
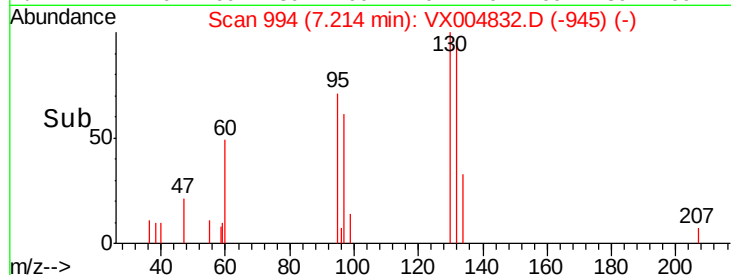
600

400

200

0

Time-->



#48

Methyl methacrylate

Concen: 0.219 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.05 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

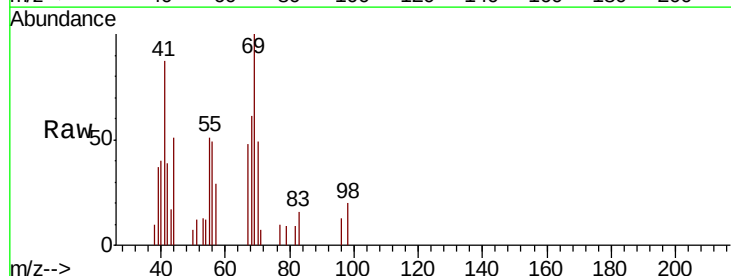
Tgt Ion: 41 Resp: 869

Ion Ratio Lower Upper

41 100

69 185.5 70.2 105.4#

39 64.0 42.7 64.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

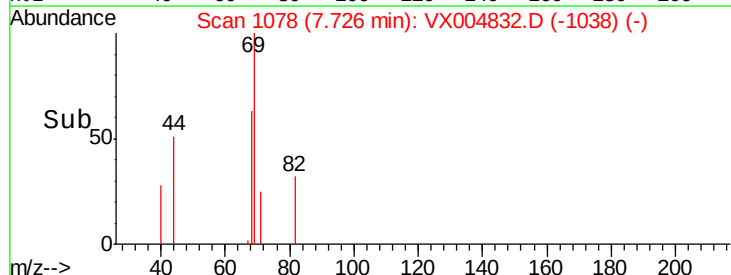
Ion 39.00 (38.70 to 39.70): VX0

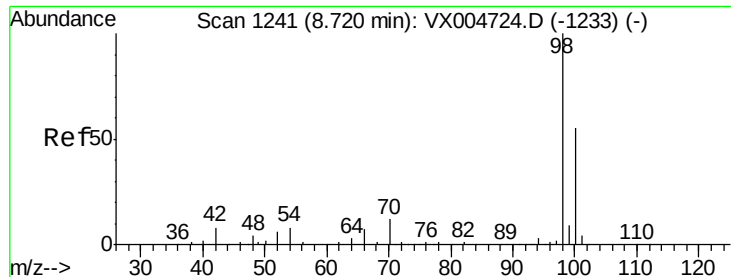
1000

500

0

Time-->

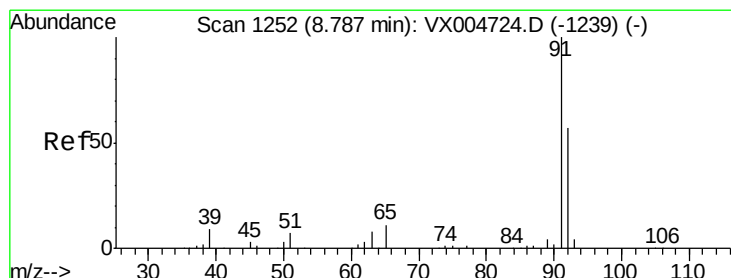
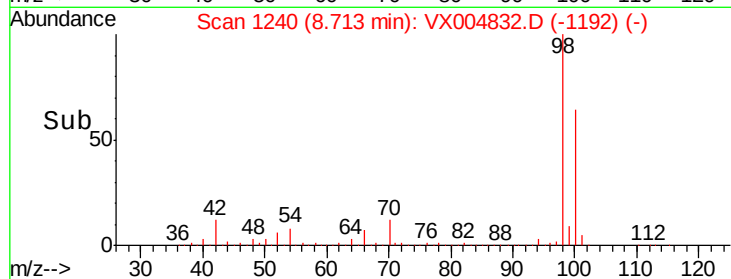
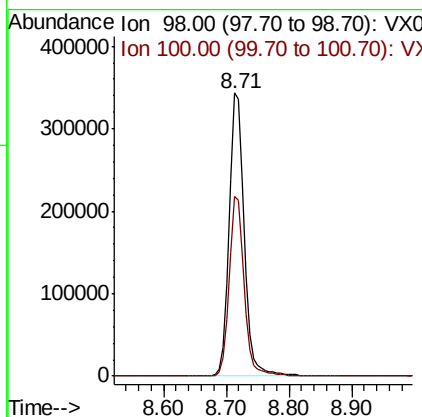
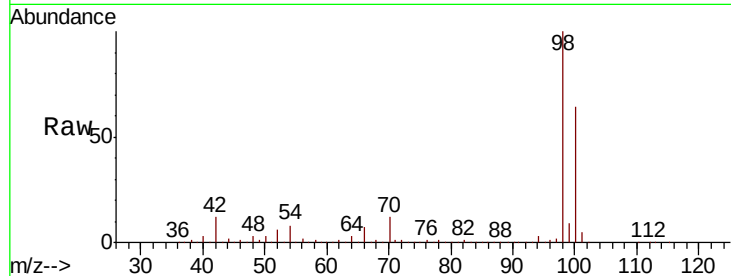




#50
Toluene-d8
Concen: 51.537 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004832.D
Acq: 28 Sep 2018 20:06

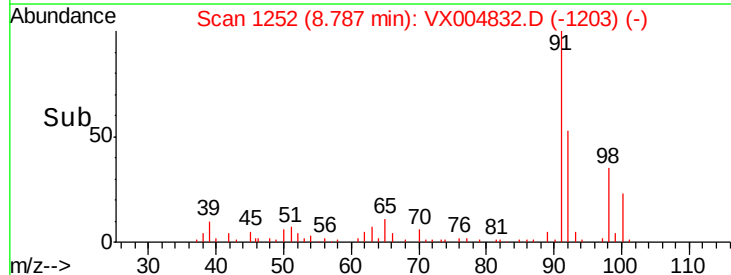
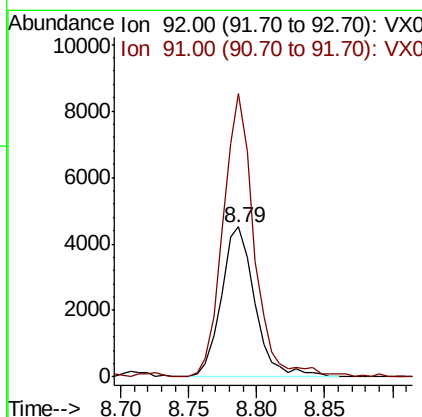
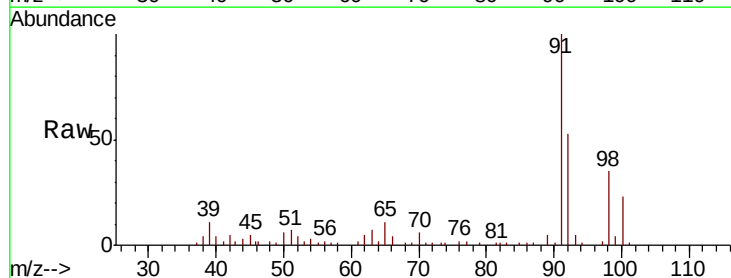
Instrument :
MSVOA_X
ClientSampleId :
FA18-JBW-7338B

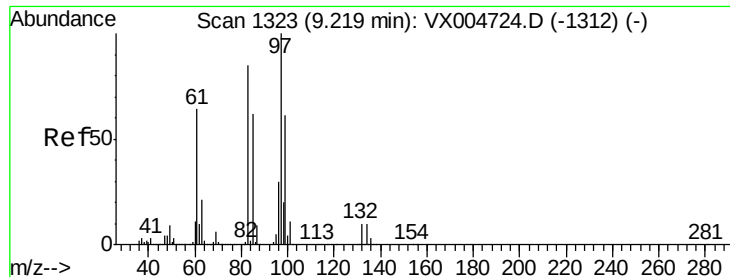
Tot Ion: 98 Resp: 573035
Ion Ratio Lower Upper
98 100
100 63.3 52.9 79.3



#52
Toluene
Concen: 0.992 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004832.D
Acq: 28 Sep 2018 20:06

Tgt Ion: 92 Resp: 7785
Ion Ratio Lower Upper
92 100
91 174.2 136.4 204.6





#55

1,1,2-Trichloroethane

Concen: 0.629 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

FA18-JBW-7338B

Tot Ion: 97 Resp: 2164

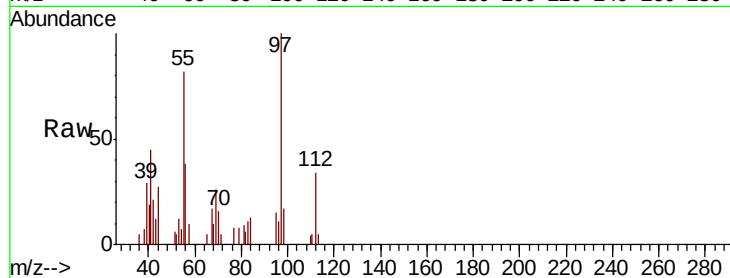
Ion Ratio Lower Upper

97 100

83 10.7 66.4 99.6#

85 0.0 43.3 64.9#

99 0.0 49.0 73.4#



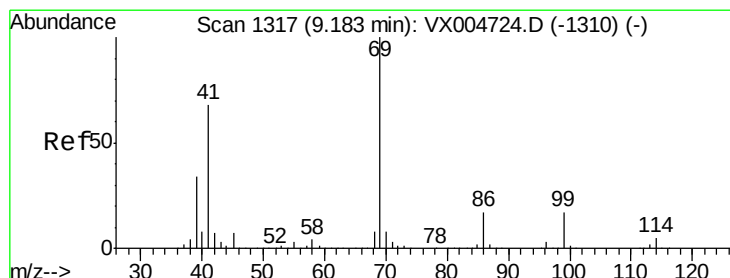
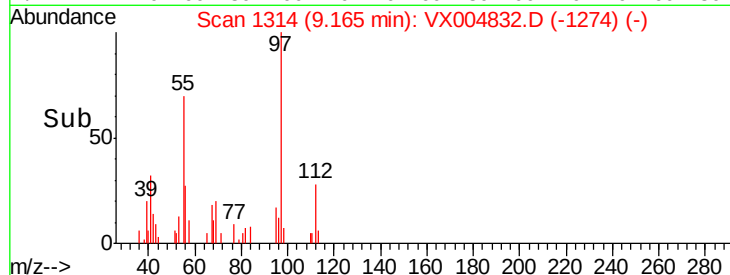
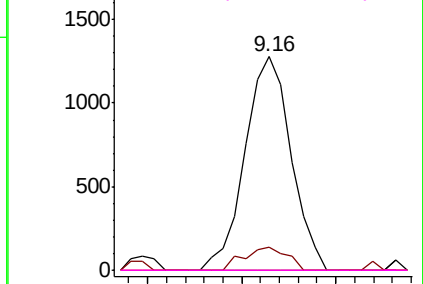
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 2.982 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

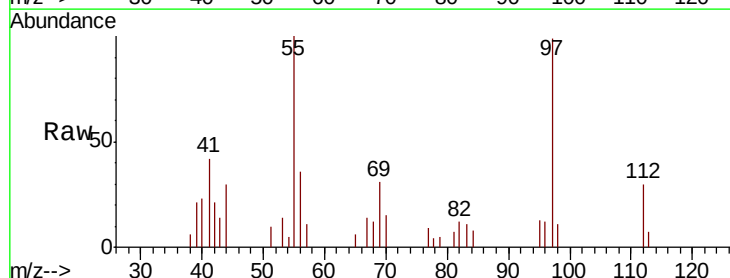
Tgt Ion: 69 Resp: 707

Ion Ratio Lower Upper

69 100

41 125.5 51.0 76.4#

39 112.9 26.1 39.1#

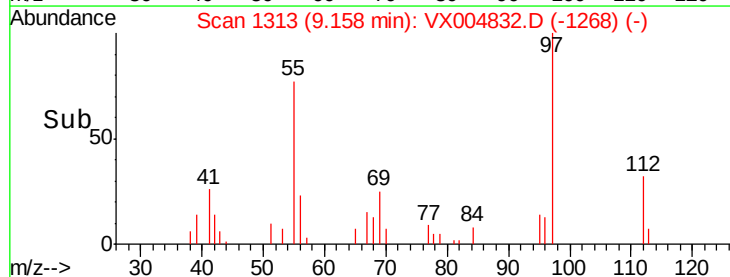
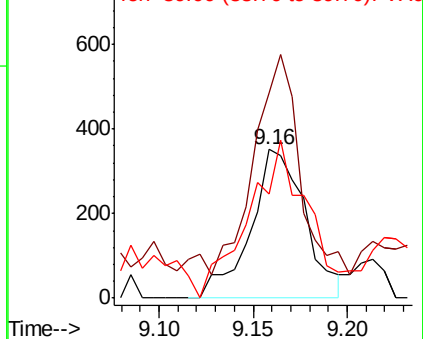


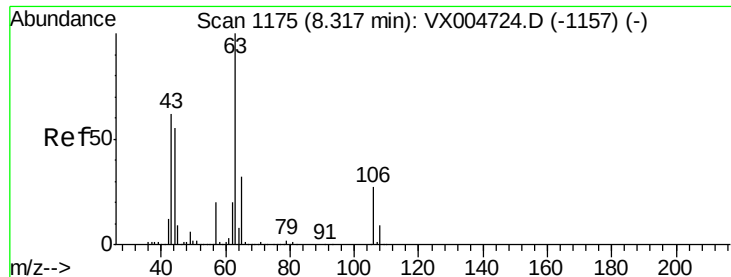
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

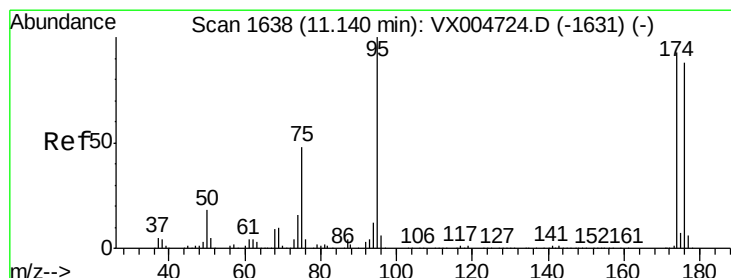
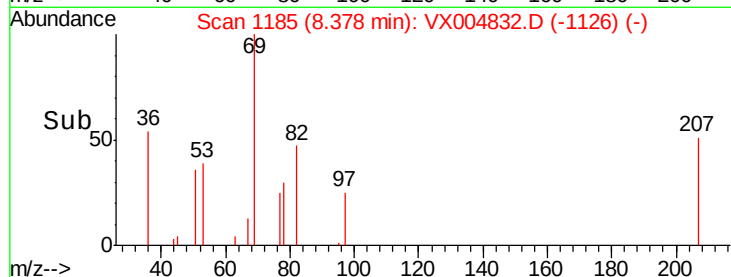
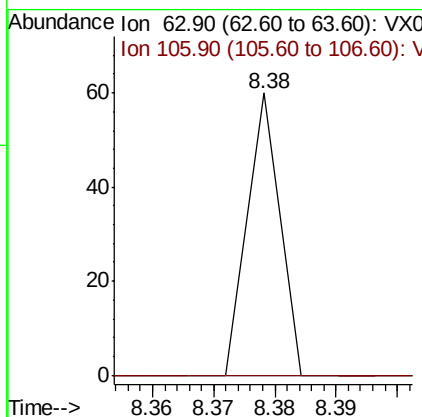
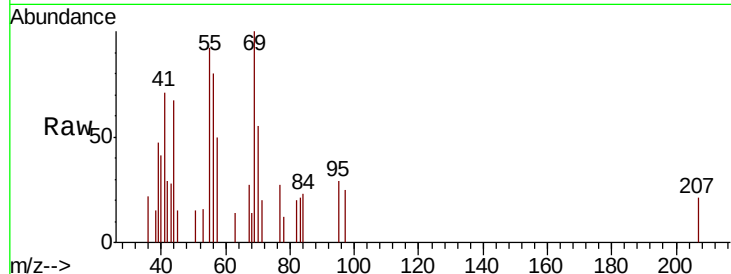




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.249 ug/l
 RT: 8.38 min Scan# 1185
 Delta R.T. 0.06 min
 Lab File: VX004832.D
 Acq: 28 Sep 2018 20:06

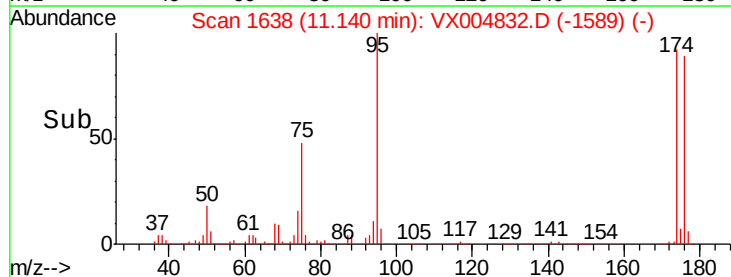
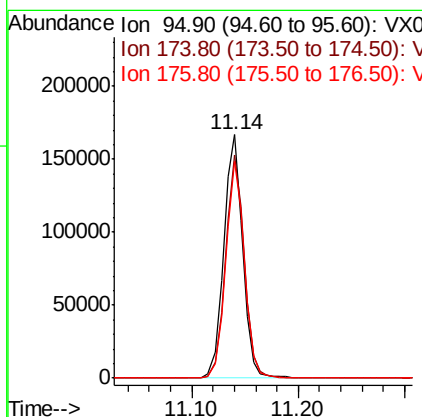
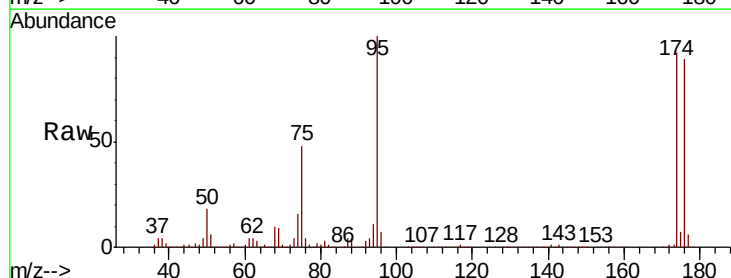
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JBW-7338B

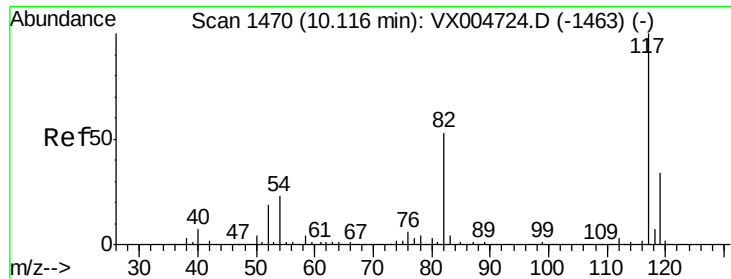
Tot Ion: 63 Resp: 22
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.9 35.9#



#62
 4-Bromofluorobenzene
 Concen: 51.596 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004832.D
 Acq: 28 Sep 2018 20:06

Tgt Ion: 95 Resp: 206674
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 185.2
 176 87.9 0.0 178.6

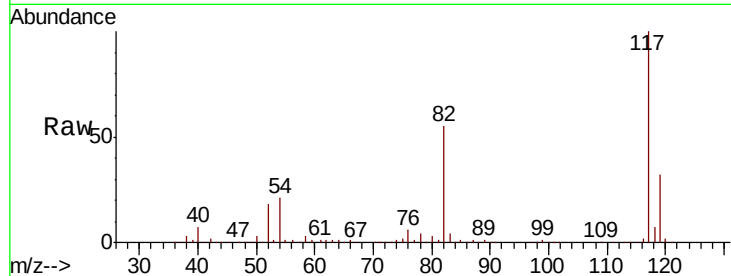




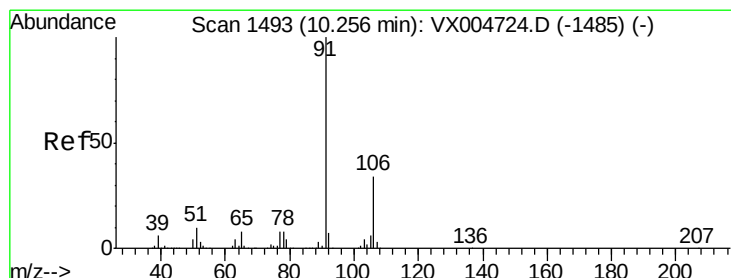
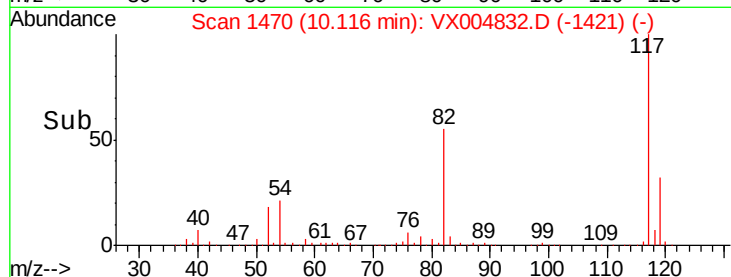
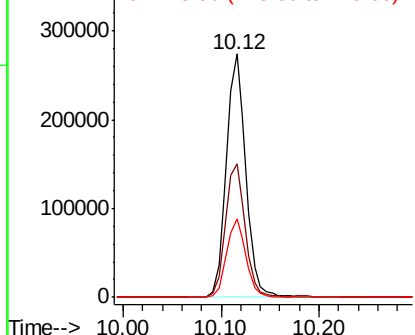
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004832.D
Acq: 28 Sep 2018 20:06

Instrument :
MSVOA_X
ClientSampleId :
FA18-JBW-7338B

Tot Ion:117 Resp: 378172
Ion Ratio Lower Upper
117 100
82 54.9 47.8 71.6
119 32.3 29.3 43.9

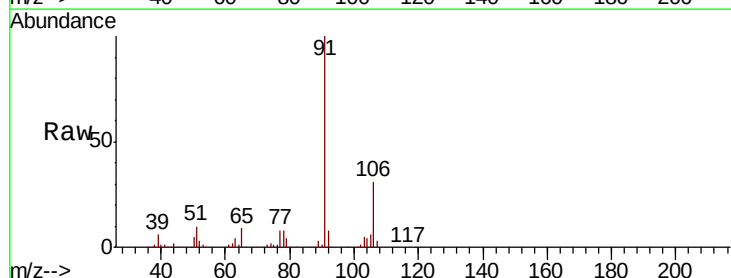


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

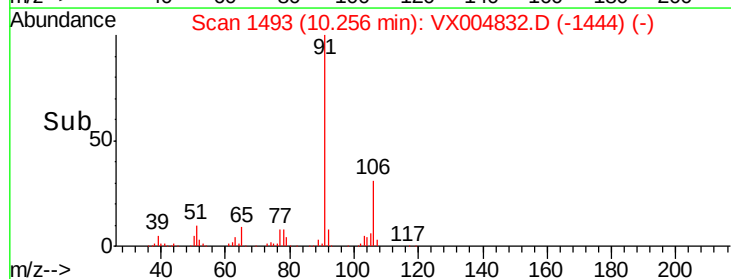
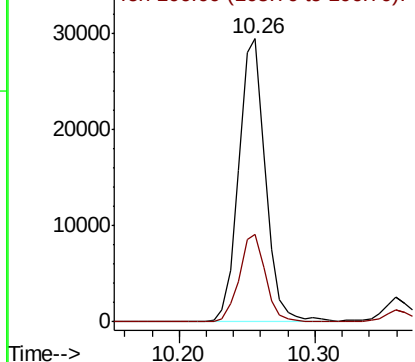


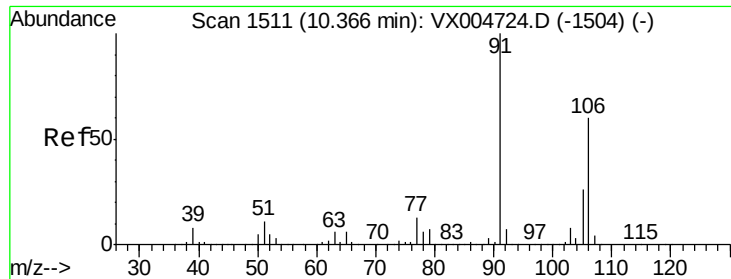
#67
Ethyl Benzene
Concen: 2.620 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004832.D
Acq: 28 Sep 2018 20:06

Tgt Ion: 91 Resp: 40337
Ion Ratio Lower Upper
91 100
106 30.7 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 0.283 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

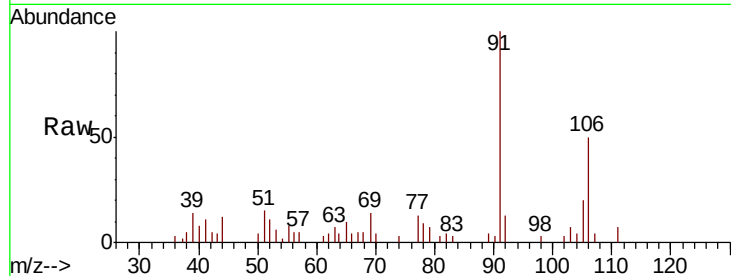
FA18-JBW-7338B

Tot Ion:106 Resp: 1704

Ion Ratio Lower Upper

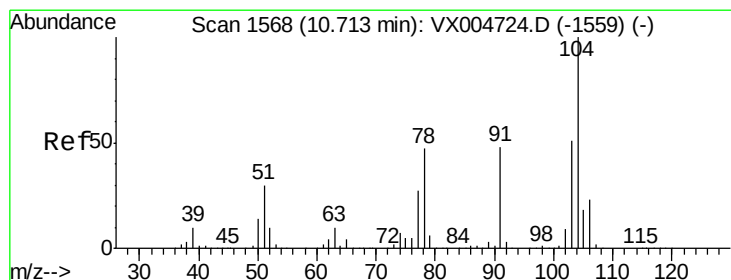
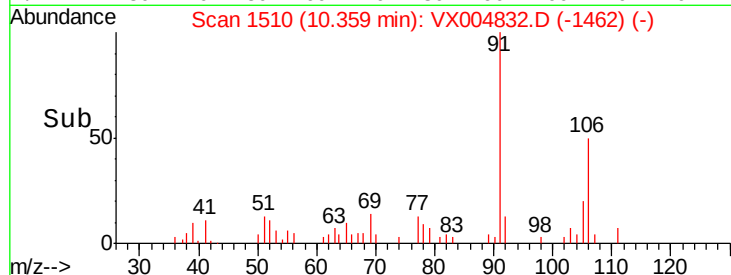
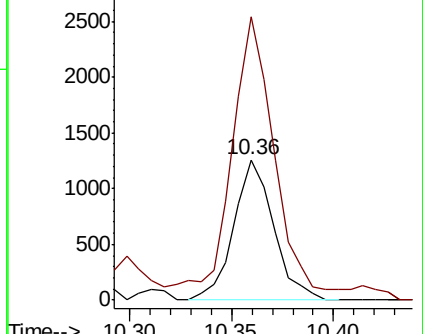
106 100

91 198.8 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 2.142 ug/l

RT: 10.73 min Scan# 1571

Delta R.T. 0.02 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

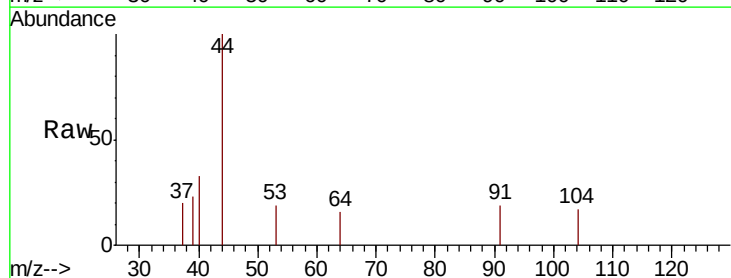
Tgt Ion:104 Resp: 22

Ion Ratio Lower Upper

104 100

78 0.0 37.4 56.0#

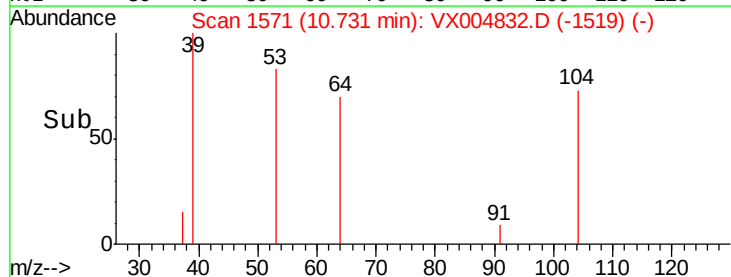
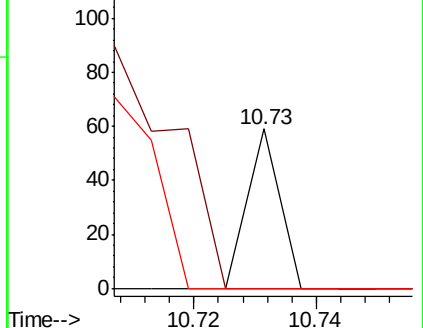
103 0.0 43.8 65.6#

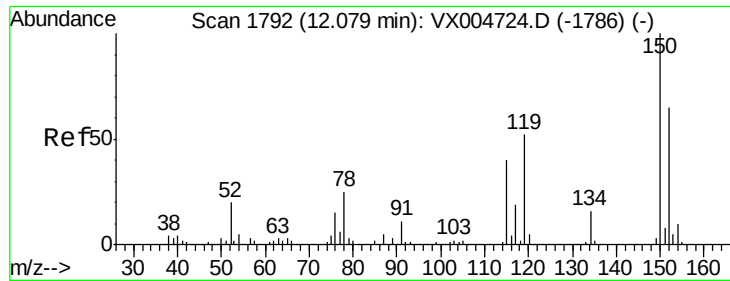


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



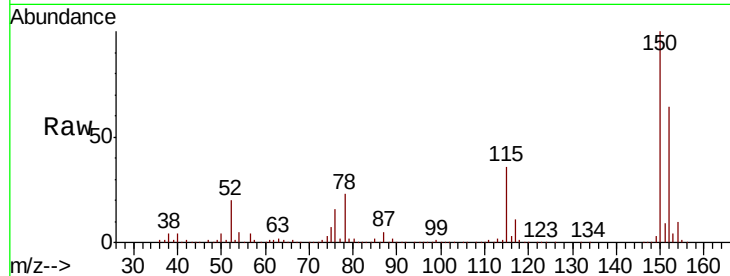


#72

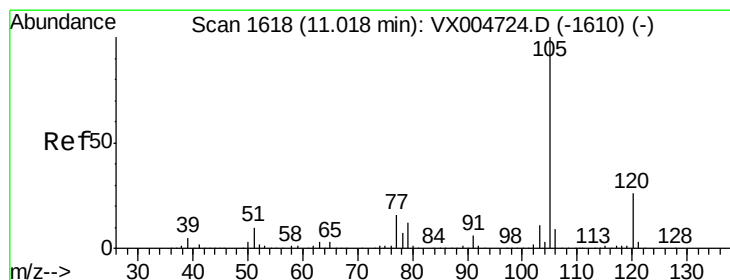
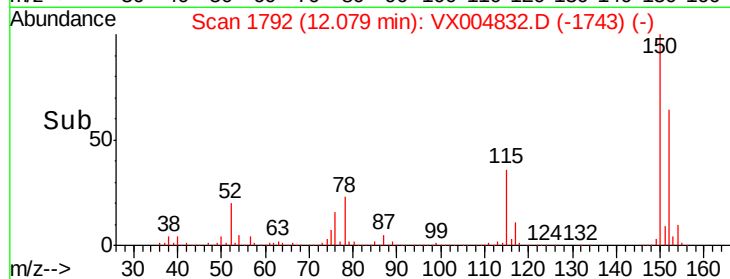
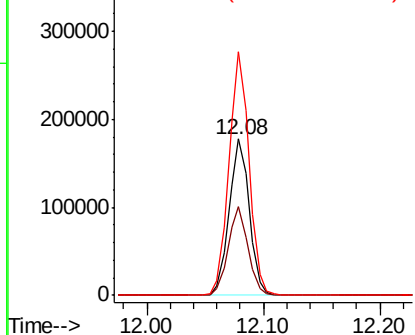
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004832.D
Acq: 28 Sep 2018 20:06

Instrument :
MSVOA_X
ClientSampleId :
FA18-JBW-7338B

Tot Ion:152 Resp: 213548
Ion Ratio Lower Upper
152 100
115 55.3 39.0 117.0
150 155.4 0.0 351.0



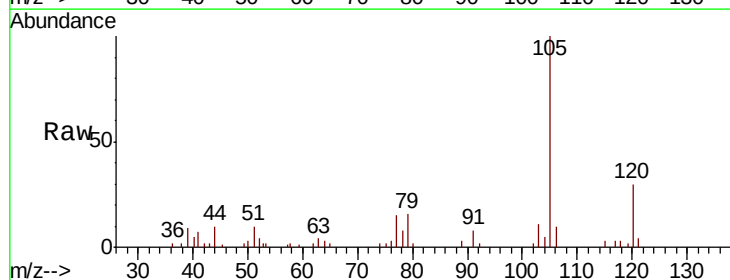
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



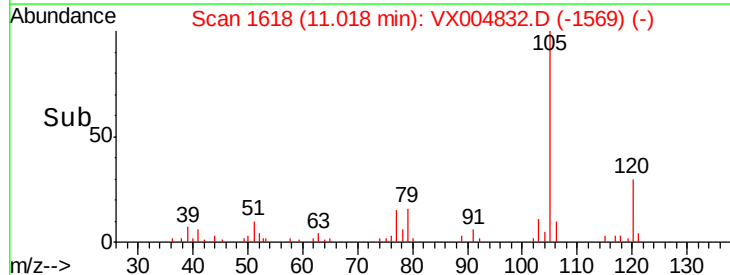
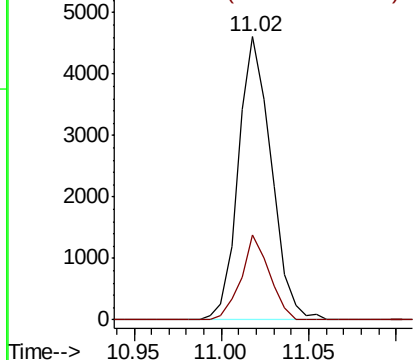
#73

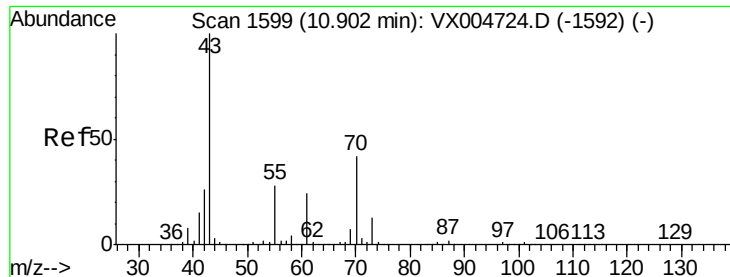
Isopropylbenzene
Concen: 0.447 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX004832.D
Acq: 28 Sep 2018 20:06

Tgt Ion:105 Resp: 6022
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.769 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

FA18-JBW-7338B

Tot Ion: 43 Resp: 160

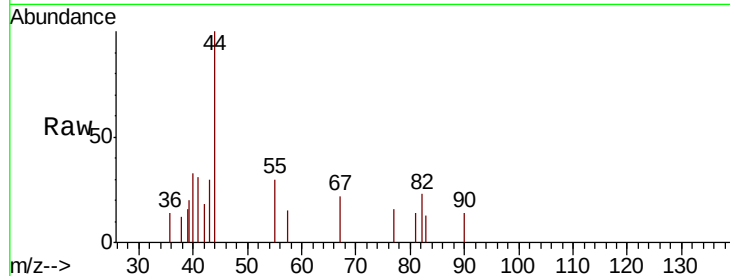
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.0#

55 210.6 21.8 32.8#

61 0.0 20.6 30.8#

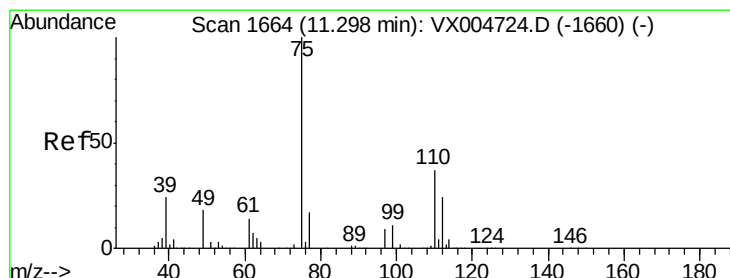
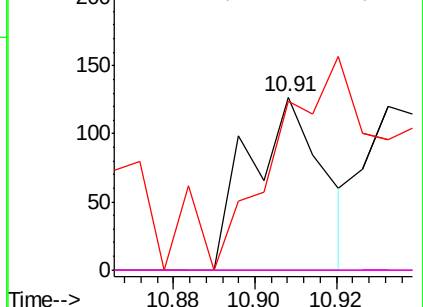
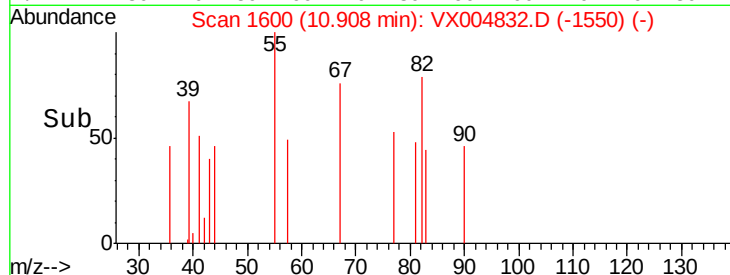


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 21.491 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004832.D

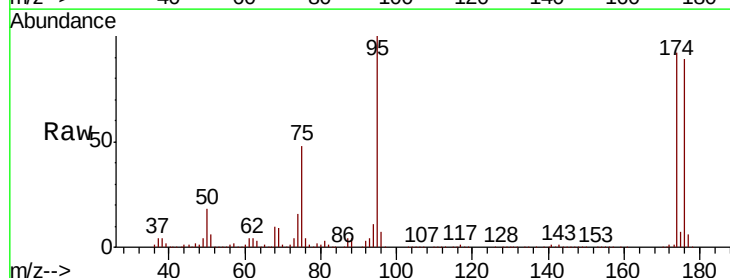
Acq: 28 Sep 2018 20:06

Tgt Ion: 75 Resp: 102864

Ion Ratio Lower Upper

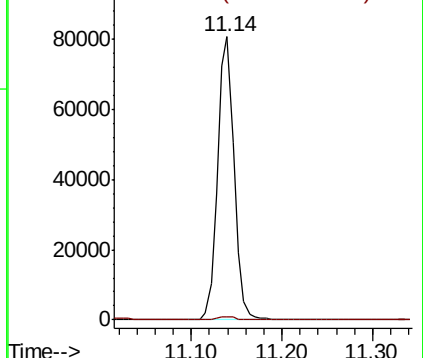
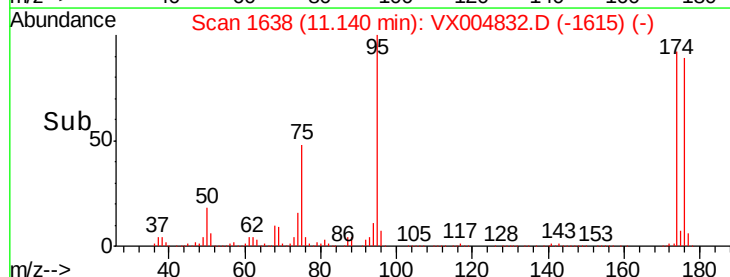
75 100

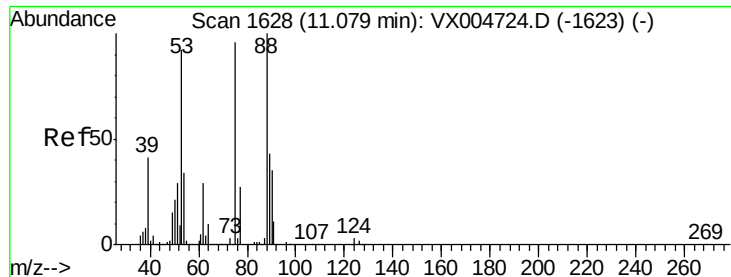
77 1.3 20.2 60.6#



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: 58.272 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

Instrument :

MSVOA_X

ClientSampleId :

FA18-JBW-7338B

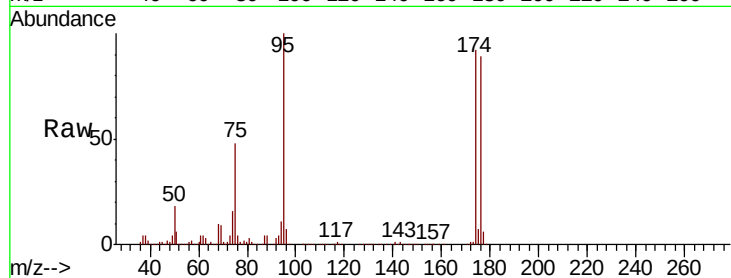
Tot Ion: 75 Resp: 102864

Ion Ratio Lower Upper

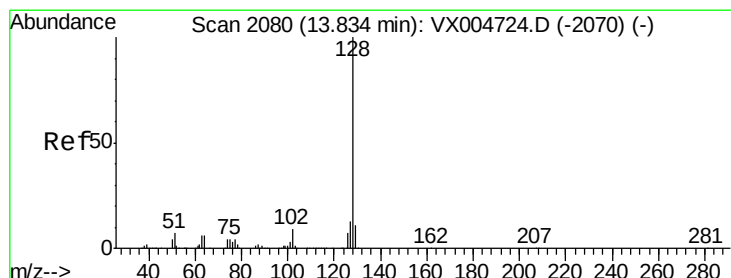
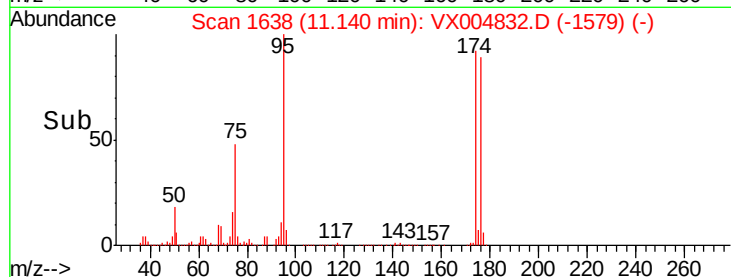
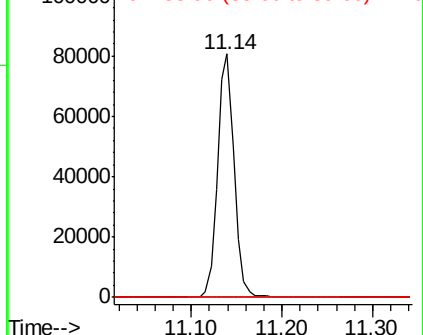
75 100

53 0.3 80.1 120.1#

89 0.0 37.2 55.8#



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



#95

Naphthalene

Concen: 0.770 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004832.D

Acq: 28 Sep 2018 20:06

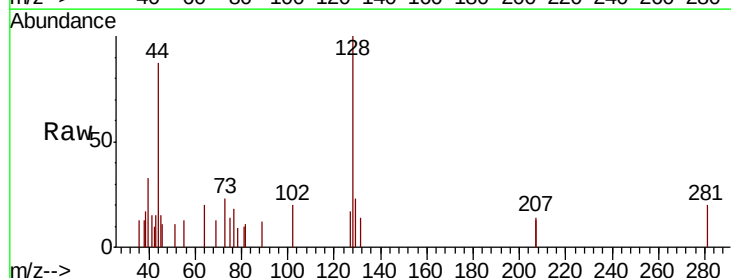
Tgt Ion: 128 Resp: 910

Ion Ratio Lower Upper

128 100

127 17.7 10.2 15.2#

129 42.1 8.6 12.8#



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

