

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
 Data File : VX004829.D
 Acq On : 28 Sep 2018 18:45
 Operator : JC/MD
 Sample : J5130-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3284

Quant Time: Sep 29 06:29:59 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	237452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	387847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213451	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180415	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
35) Dibromofluoromethane	5.51	113	152544	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
50) Toluene-d8	8.72	98	580209	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
62) 4-Bromofluorobenzene	11.14	95	205041	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	811	0.206	ug/l #	88
4) Vinyl Chloride	1.40	62	19653	5.335	ug/l	98
6) Chloroethane	1.79	64	783	Below Cal	#	70
11) Tert butyl alcohol	3.02	59	5736	6.048	ug/l #	72
12) 1,1-Dichloroethene	2.37	96	603	0.234	ug/l #	66
13) Acrolein	2.27	56	968	1.434	ug/l #	1
14) Allyl chloride	2.62	41	7514	1.338	ug/l #	66
15) Acrylonitrile	3.17	53	4426	2.120	ug/l #	44
16) Acetone	2.45	43	7216	3.644	ug/l	94
18) Methyl Acetate	2.84	43	614564	122.488	ug/l #	51
20) Methylene Chloride	2.85	84	3666	0.441	ug/l #	1
21) trans-1,2-Dichloroethene	3.17	96	596	0.212	ug/l #	55
25) 2-Butanone	4.71	43	599	0.205	ug/l #	47
27) cis-1,2-Dichloroethene	4.59	96	5101	1.621	ug/l	97
31) Cyclohexane	5.58	56	39072	9.053	ug/l	88
36) 1,1-Dichloropropene	5.67	75	16610	3.704	ug/l #	50
37) Ethyl Acetate	4.85	43	1476	0.248	ug/l #	96
38) Carbon Tetrachloride	5.66	117	21299	4.518	ug/l #	16
39) Methylcyclohexane	7.46	83	22394	4.890	ug/l #	85
40) Benzene	6.14	78	77351	5.509	ug/l	98
43) Isopropyl Acetate	6.35	43	349590	40.686	ug/l #	59
44) Trichloroethene	7.21	130	1396	0.404	ug/l	88
48) Methyl methacrylate	7.73	41	4643	1.191	ug/l #	63
51) 4-Methyl-2-Pentanone	8.68	43	20247	3.742	ug/l #	70
55) 1,1,2-Trichloroethane	9.16	97	8371	2.477	ug/l #	19
56) Ethyl methacrylate	9.17	69	2264	3.251	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.38	63	53	14.259	ug/l #	45
67) Ethyl Benzene	10.26	91	16289	1.065	ug/l	99
70) Styrene	10.71	104	203	2.159	ug/l #	43
73) Isopropylbenzene	11.02	105	13880	1.032	ug/l	99
74) N-amyl acetate	10.88	43	123	1.764	ug/l #	40
76) 1,2,3-Trichloropropane	11.14	75	102500	21.425	ug/l #	37
78) n-propylbenzene	11.36	91	8345	0.541	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	607	Below Cal		99

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Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

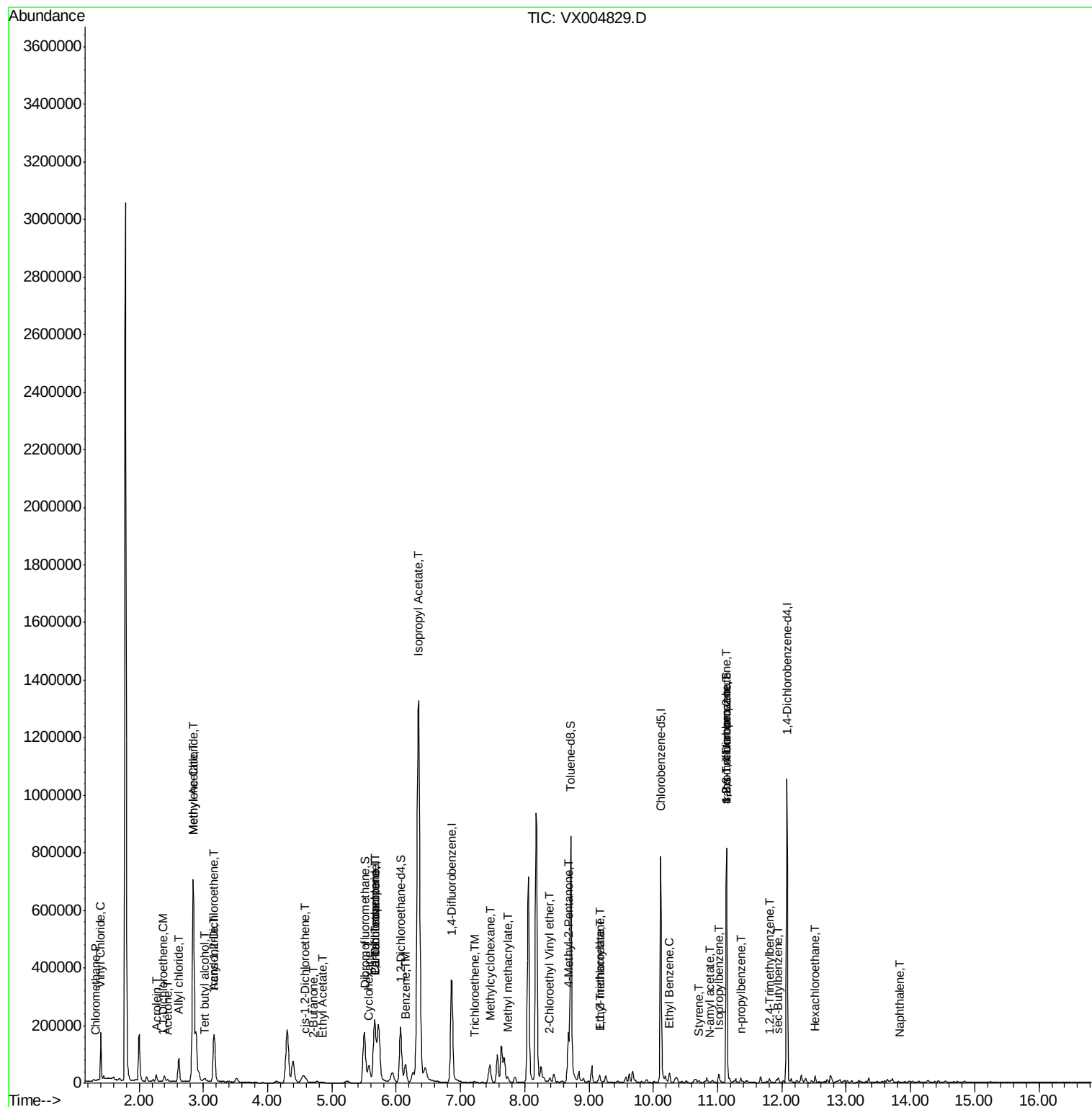
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.14	75	102500	58.098	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	5963	0.272	ug/l	98
85) sec-Butylbenzene	11.94	105	8086	0.599	ug/l	100
90) Hexachloroethane	12.52	117	526	0.258	ug/l #	3
95) Naphthalene	13.83	128	1725	0.815	ug/l #	93

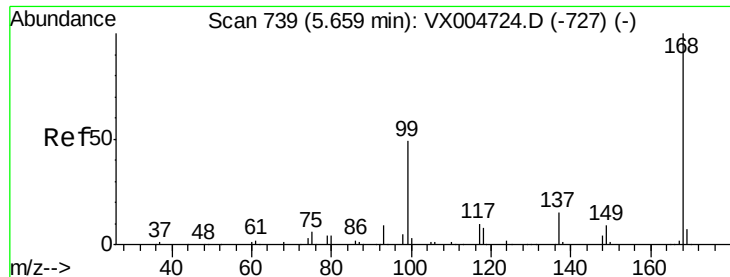
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

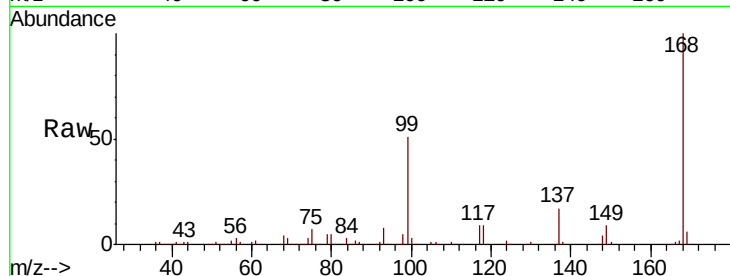
FA18-JMW-3284

Tot Ion:168 Resp: 237452

Ion Ratio Lower Upper

168 100

99 50.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

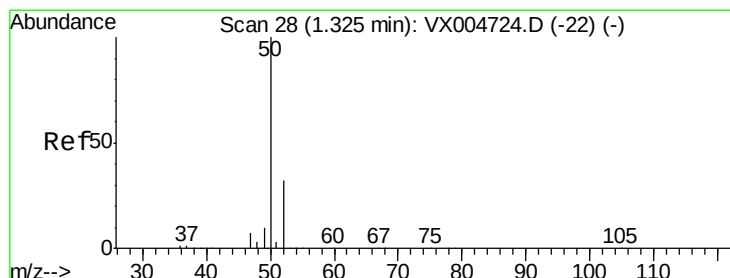
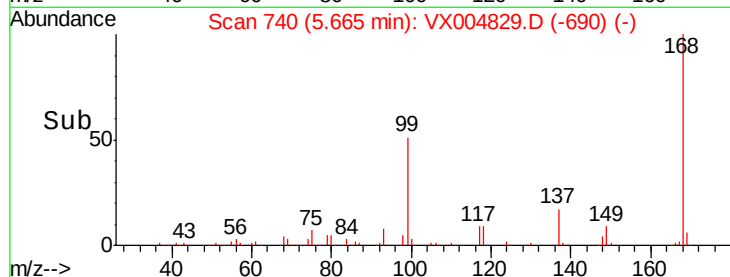
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#3

Chloromethane

Concen: 0.206 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004829.D

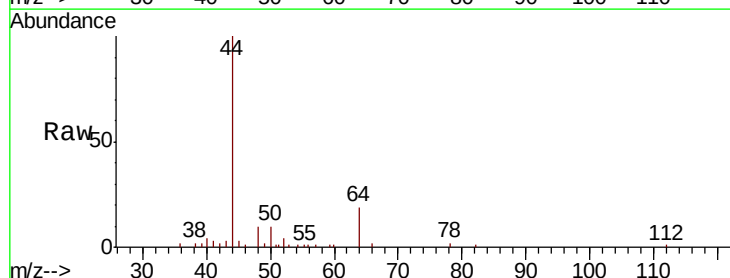
Acq: 28 Sep 2018 18:45

Tgt Ion: 50 Resp: 811

Ion Ratio Lower Upper

50 100

52 39.6 26.2 39.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

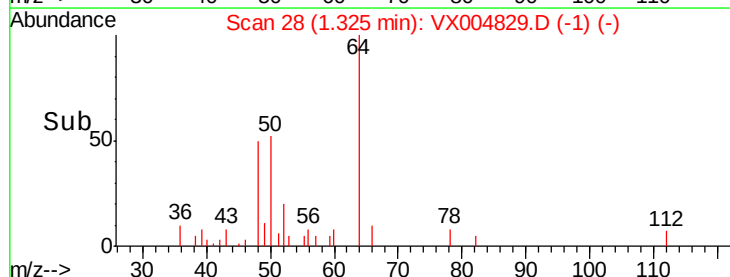
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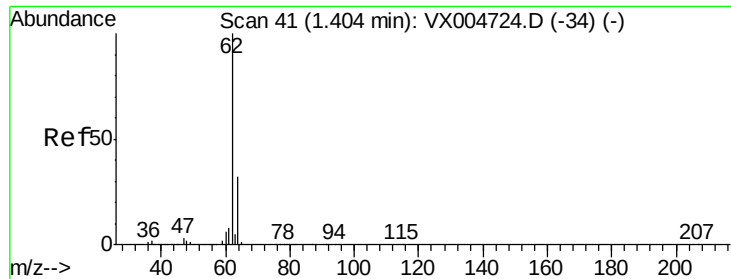
200

0

Time-->

1.30 1.35





#4

Vinyl Chloride

Concen: 5.335 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

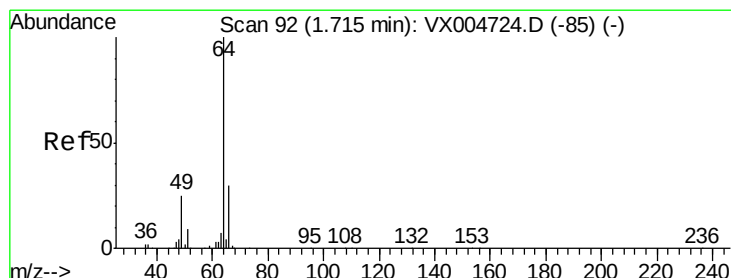
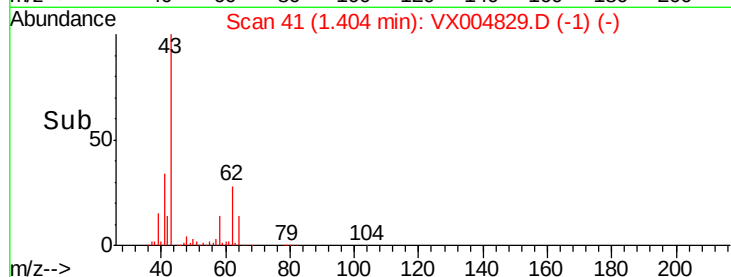
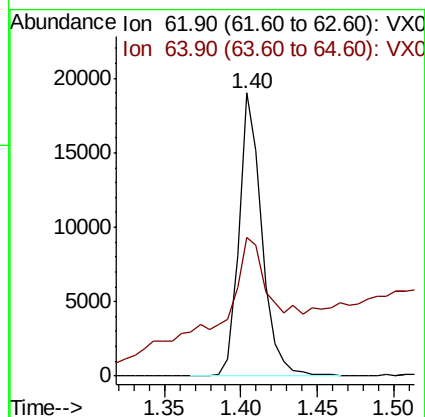
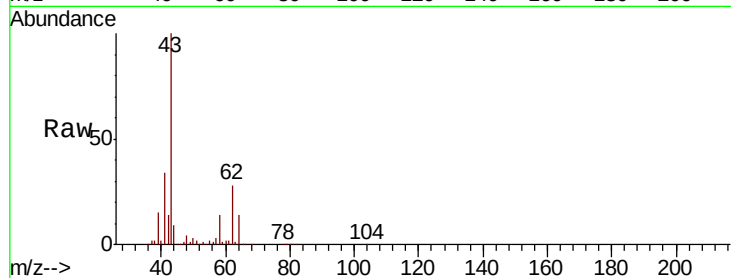
FA18-JMW-3284

Tot Ion: 62 Resp: 19653

Ion Ratio Lower Upper

62 100

64 33.3 25.8 38.8



#6

Chloroethane

Concen: Below Cal

RT: 1.79 min Scan# 105

Delta R.T. 0.08 min

Lab File: VX004829.D

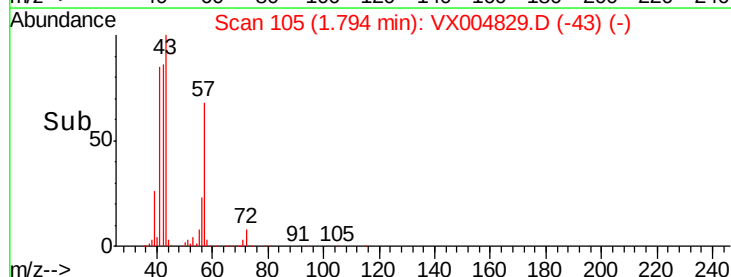
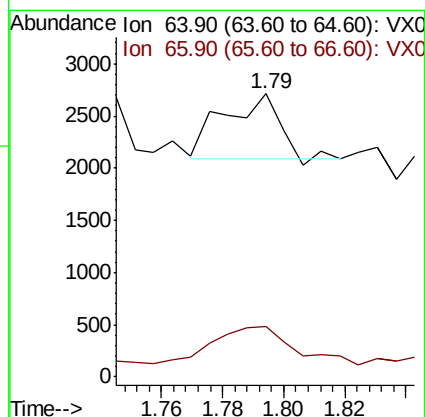
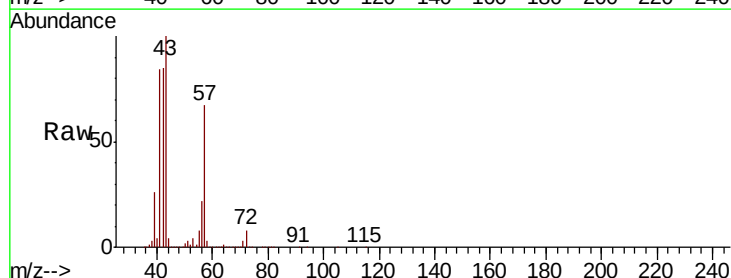
Acq: 28 Sep 2018 18:45

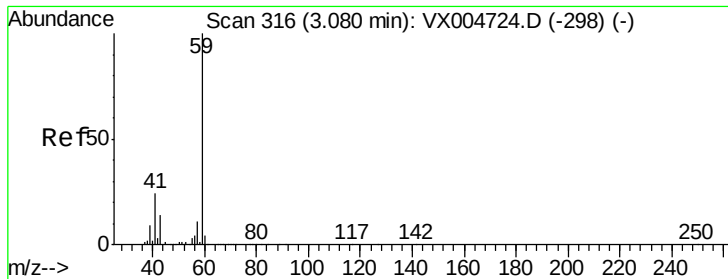
Tgt Ion: 64 Resp: 783

Ion Ratio Lower Upper

64 100

66 47.3 24.6 36.8#

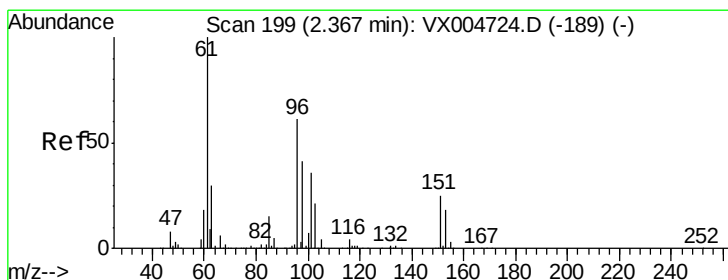
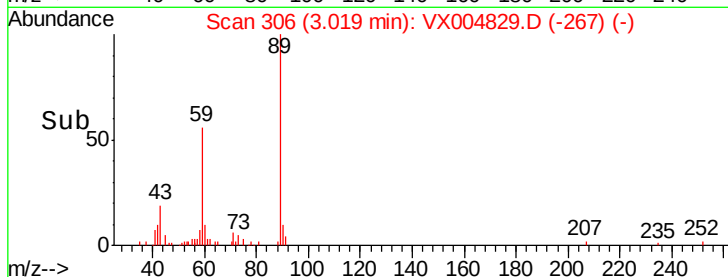
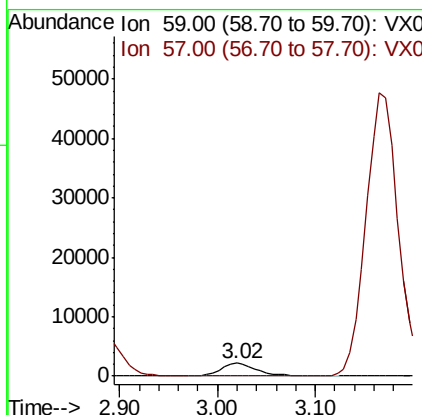
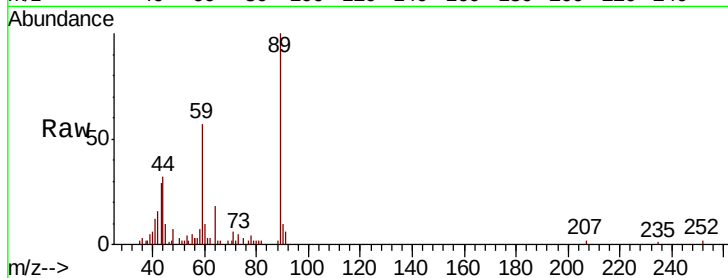




#11
Tert butyl alcohol
Concen: 6.048 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.06 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

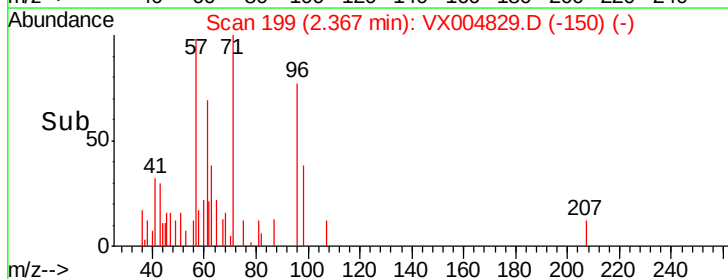
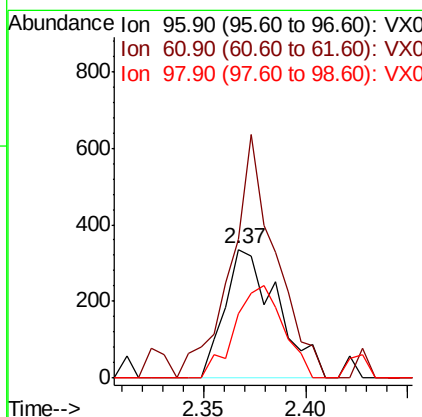
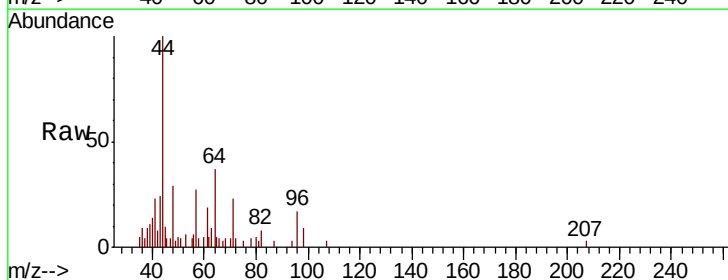
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3284

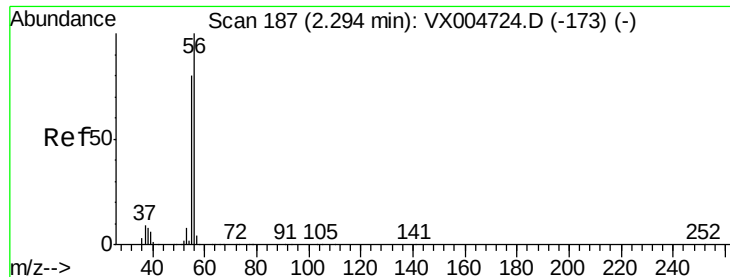
Tot Ion: 59 Resp: 5736
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.234 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Tgt Ion: 96 Resp: 603
Ion Ratio Lower Upper
96 100
61 107.4 128.8 193.2#
98 49.7 52.2 78.2#





#13

Acrolein

Concen: 1.434 ug/l

RT: 2.27 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

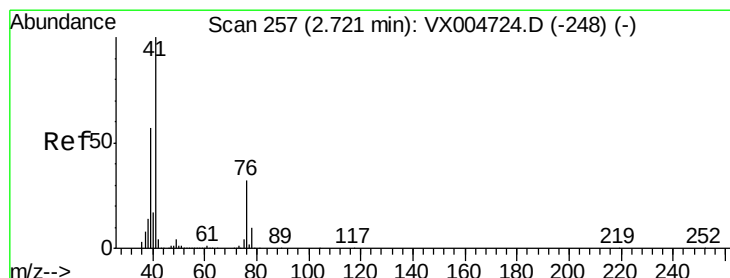
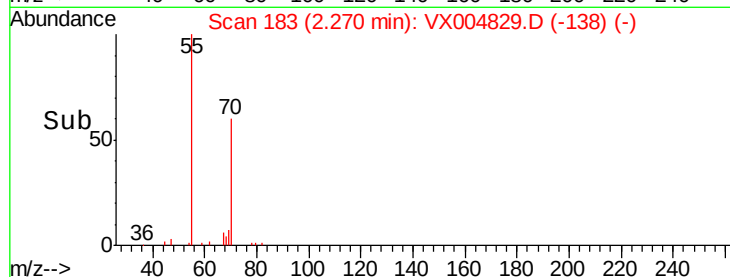
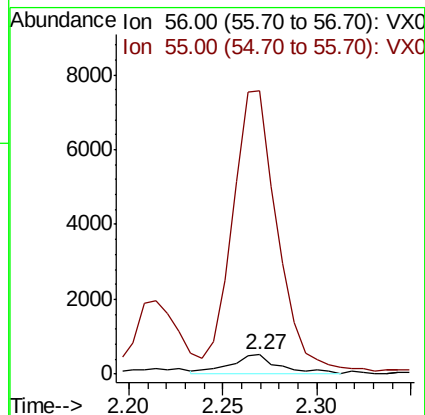
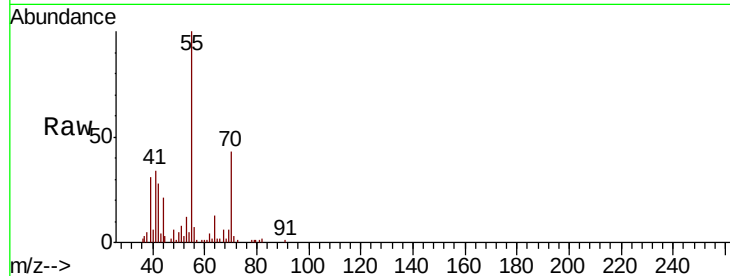
FA18-JMW-3284

Tot Ion: 56 Resp: 968

Ion Ratio Lower Upper

56 100

55 1265.0 54.7 82.1#



#14

Allyl chloride

Concen: 1.338 ug/l

RT: 2.62 min Scan# 240

Delta R.T. -0.10 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

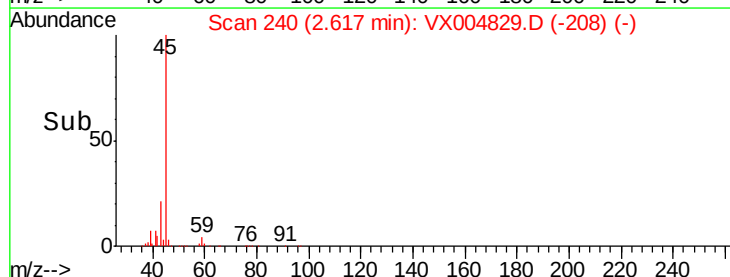
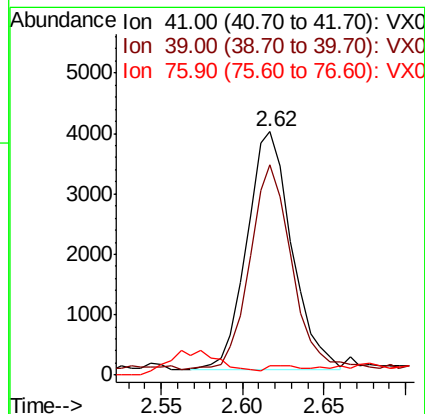
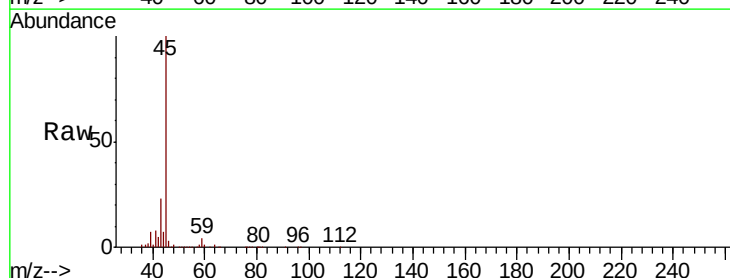
Tgt Ion: 41 Resp: 7514

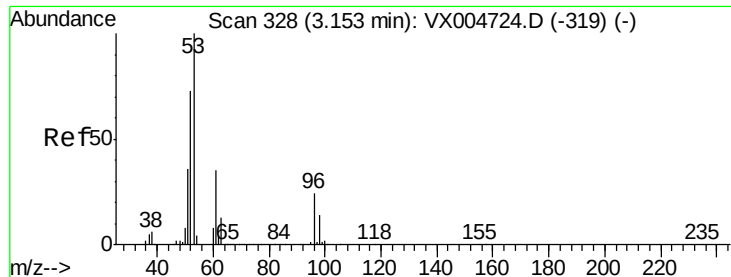
Ion Ratio Lower Upper

41 100

39 78.5 48.9 73.3#

76 1.7 26.7 40.1#





#15

Acrylonitrile

Concen: 2.120 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3284

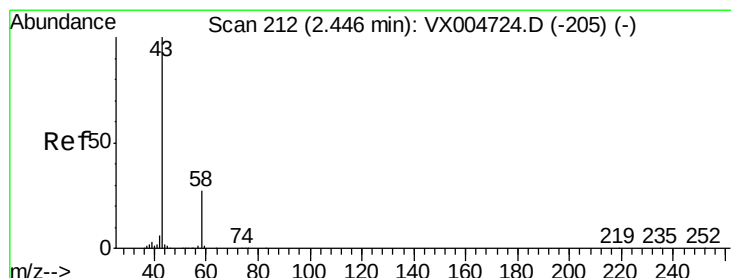
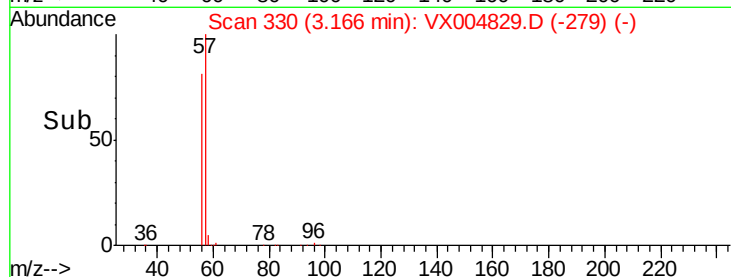
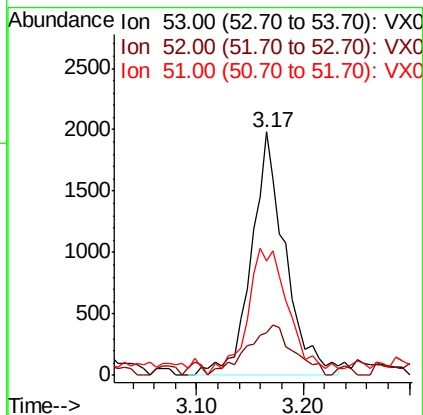
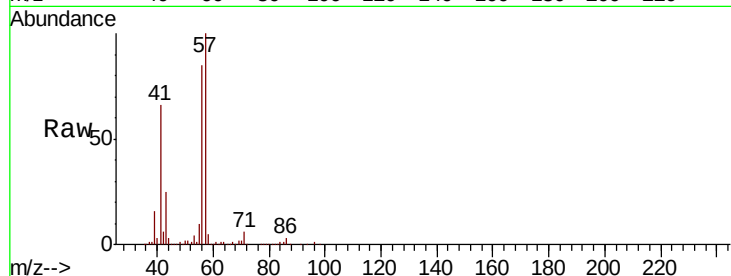
Tot Ion: 53 Resp: 4426

Ion Ratio Lower Upper

53 100

52 27.9 65.2 97.8#

51 62.7 28.2 42.2#



#16

Acetone

Concen: 3.644 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004829.D

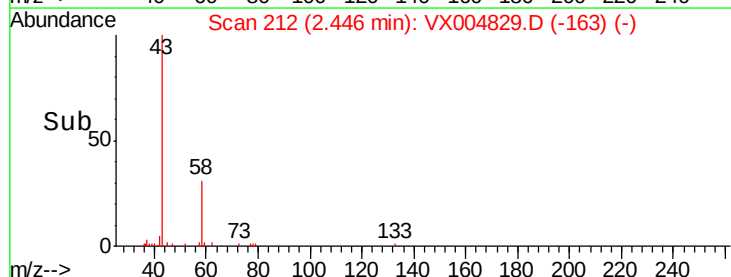
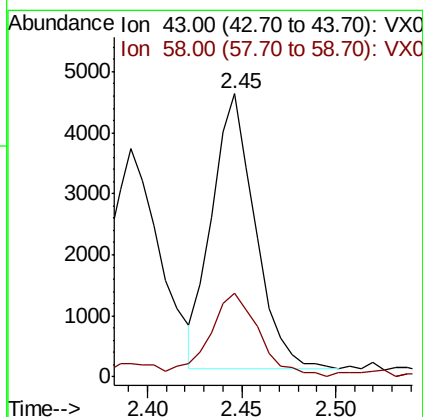
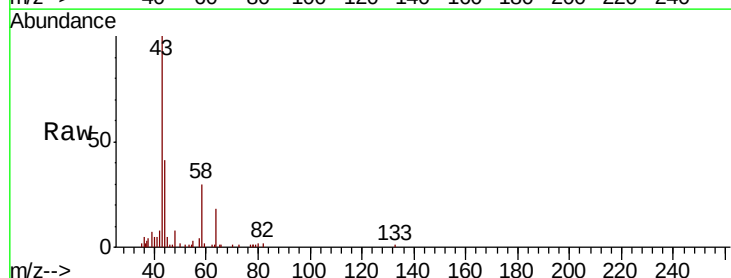
Acq: 28 Sep 2018 18:45

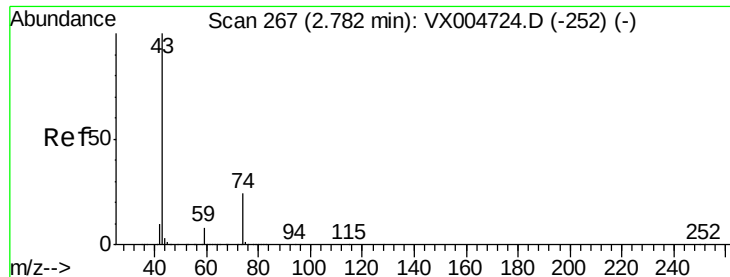
Tgt Ion: 43 Resp: 7216

Ion Ratio Lower Upper

43 100

58 29.2 26.2 39.4

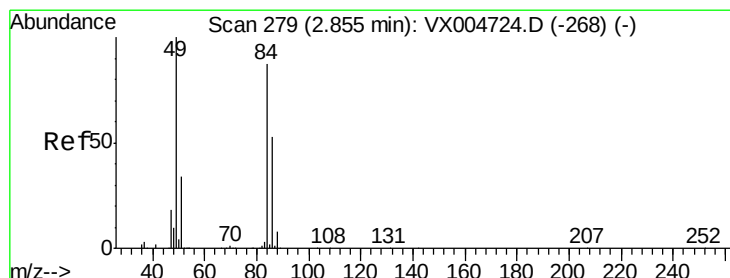
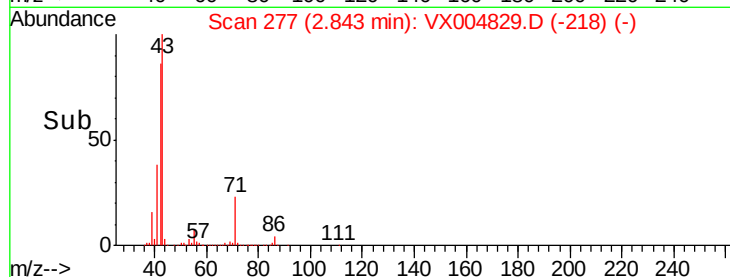
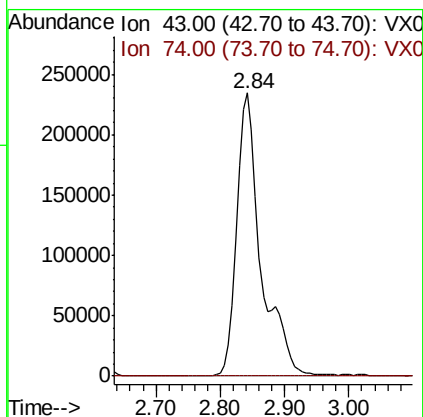
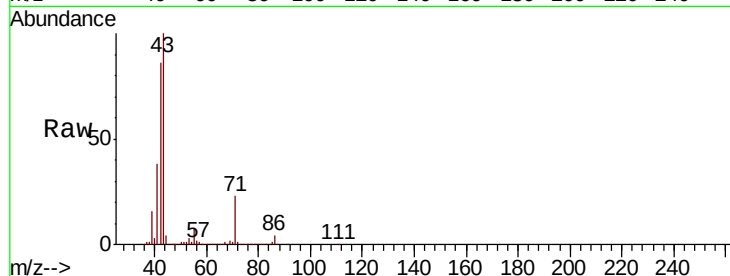




#18
Methyl Acetate
Concen: 122.488 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.06 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

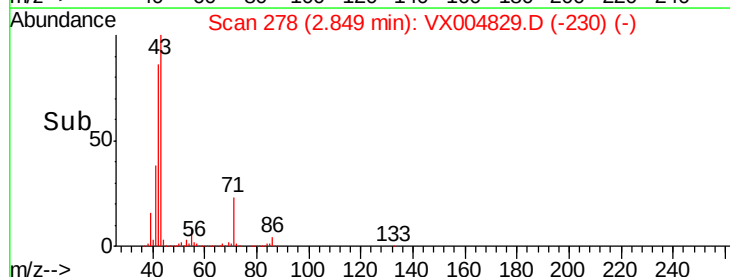
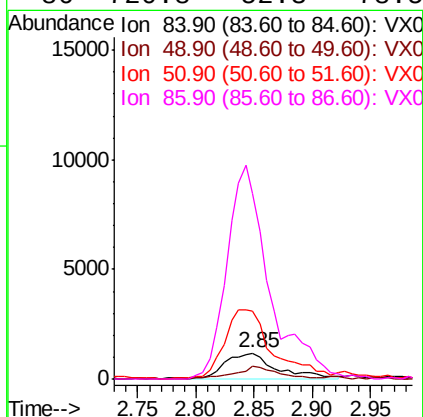
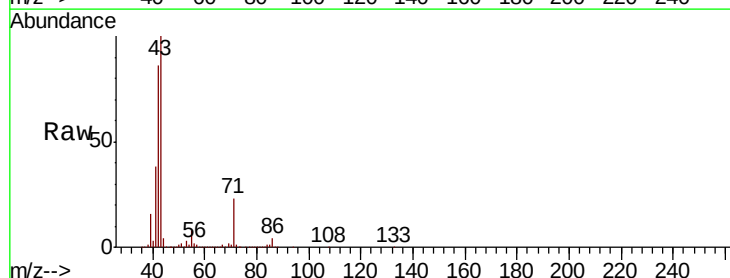
Instrument :
MSVOA_X
ClientSampled :
FA18-JMW-3284

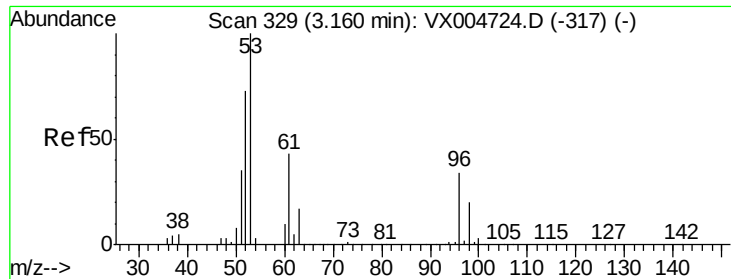
Tot Ion: 43 Resp: 614564
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: 0.441 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Tgt Ion: 84 Resp: 3666
Ion Ratio Lower Upper
84 100
49 50.9 101.2 151.8#
51 258.0 29.5 44.3#
86 720.8 52.3 78.5#





#21

trans-1,2-Dichloroethene

Concen: 0.212 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3284

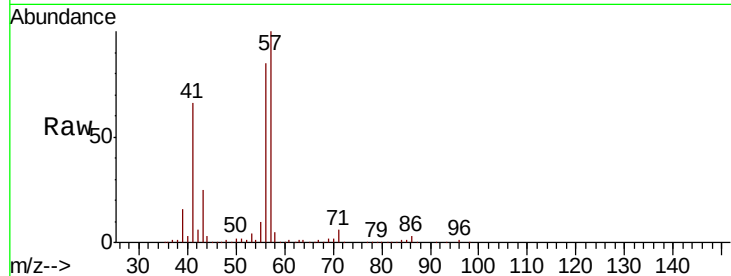
Tot Ion: 96 Resp: 596

Ion Ratio Lower Upper

96 100

61 205.3 113.8 170.6#

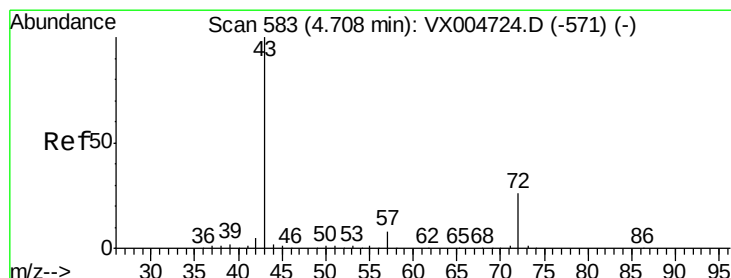
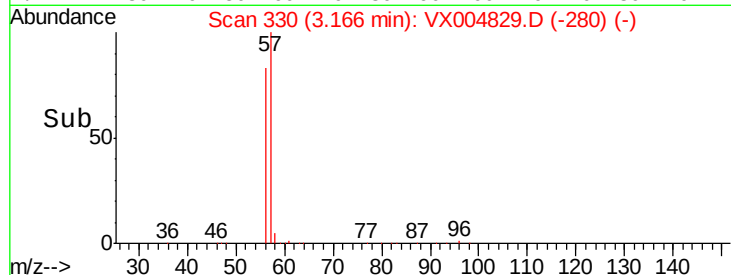
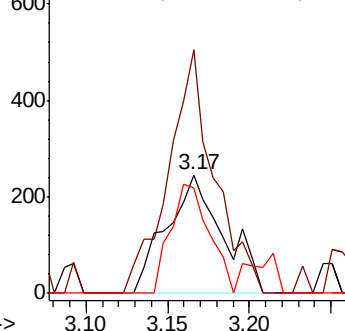
98 89.0 51.8 77.8#



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



#25

2-Butanone

Concen: 0.205 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX004829.D

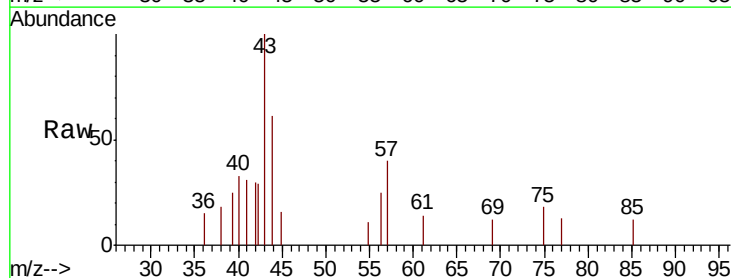
Acq: 28 Sep 2018 18:45

Tgt Ion: 43 Resp: 599

Ion Ratio Lower Upper

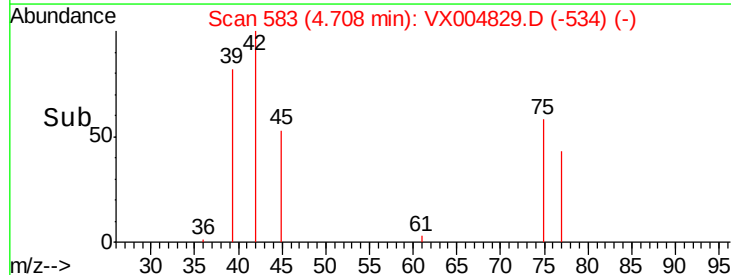
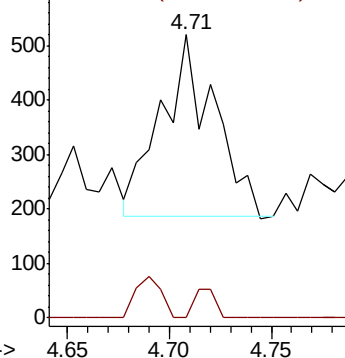
43 100

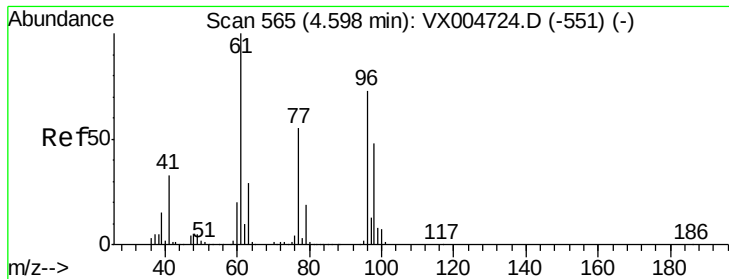
72 0.0 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



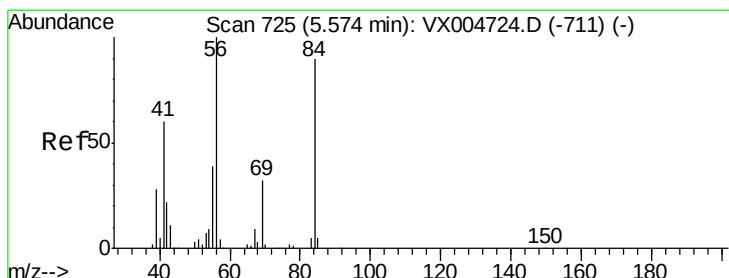
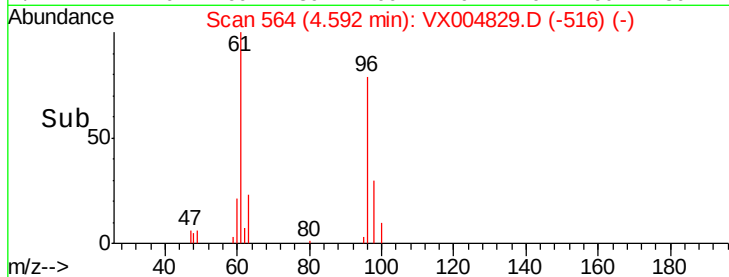
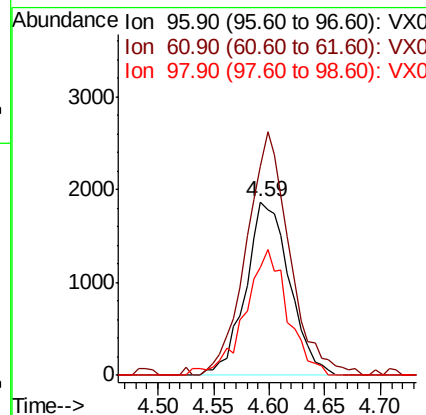
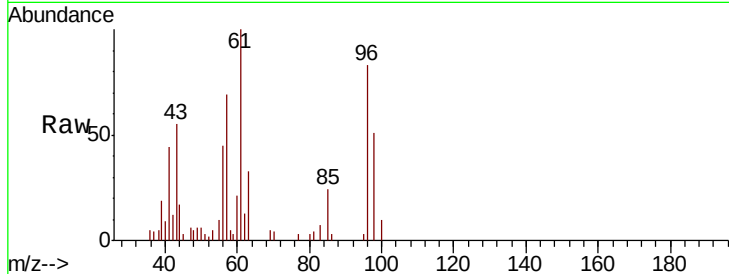


#27

cis-1,2-Dichloroethene
 Concen: 1.621 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004829.D
 Acq: 28 Sep 2018 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3284

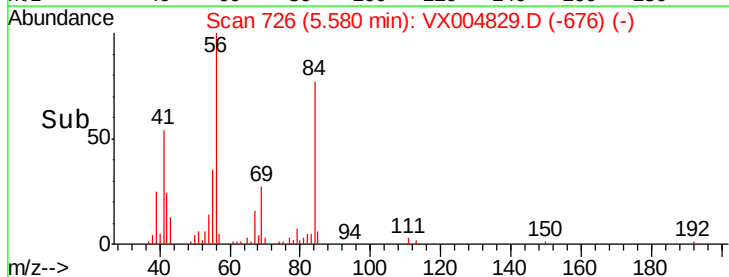
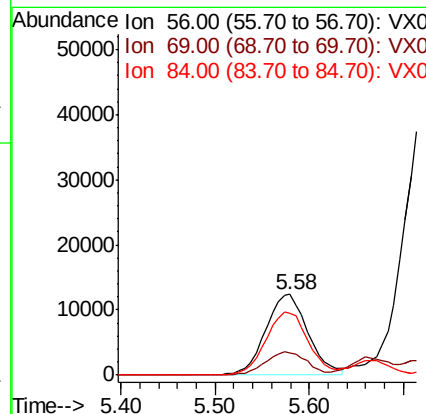
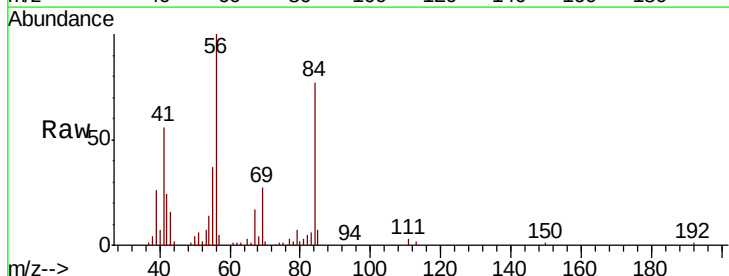
Tot Ion: 96 Resp: 5101
 Ion Ratio Lower Upper
 96 100
 61 139.5 0.0 282.6
 98 71.0 0.0 130.2

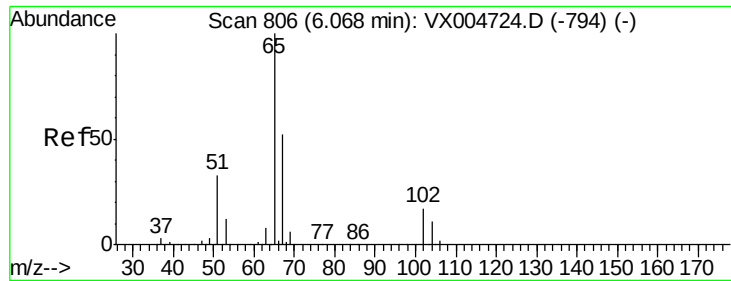


#31

Cyclohexane
 Concen: 9.053 ug/l
 RT: 5.58 min Scan# 726
 Delta R.T. 0.01 min
 Lab File: VX004829.D
 Acq: 28 Sep 2018 18:45

Tgt Ion: 56 Resp: 39072
 Ion Ratio Lower Upper
 56 100
 69 26.6 25.4 38.2
 84 77.1 71.4 107.2

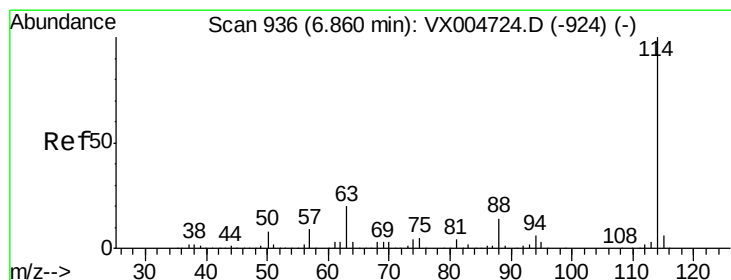
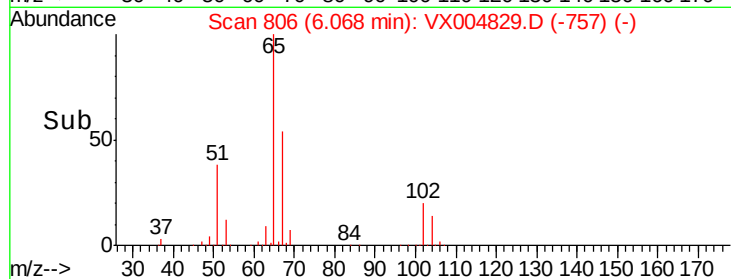
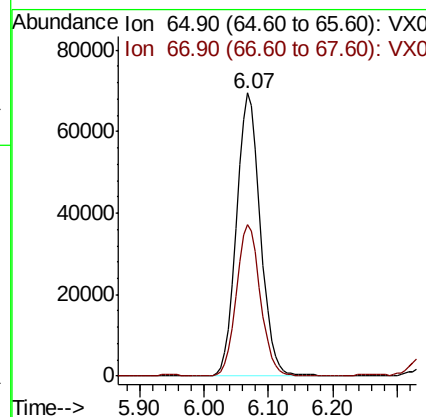
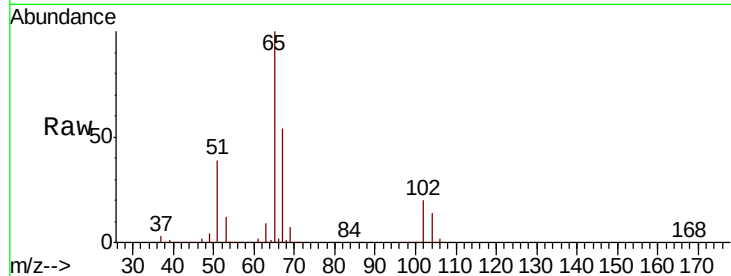




#33
 1,2-Dichloroethane-d4
 Concen: 53.188 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004829.D
 Acq: 28 Sep 2018 18:45

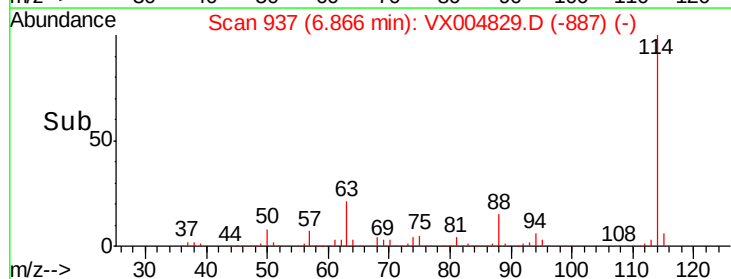
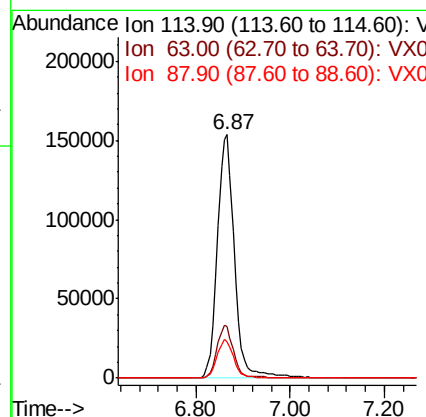
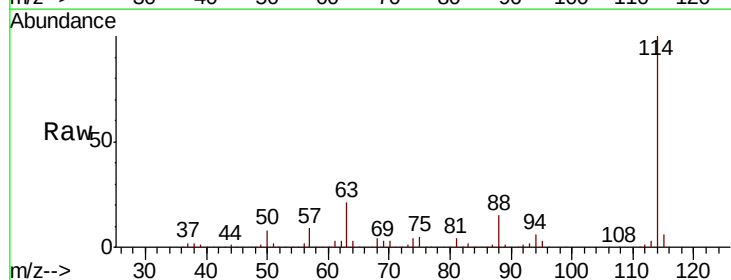
Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-JMW-3284

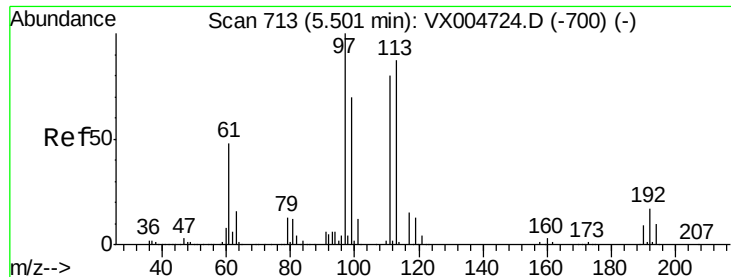
Tot Ion: 65 Resp: 180415
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004829.D
 Acq: 28 Sep 2018 18:45

Tgt Ion: 114 Resp: 387847
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 39.0
 88 15.0 0.0 30.4

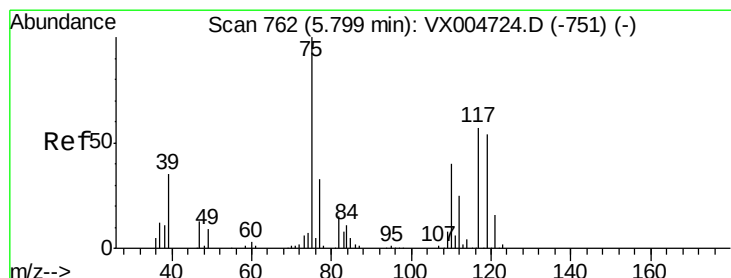
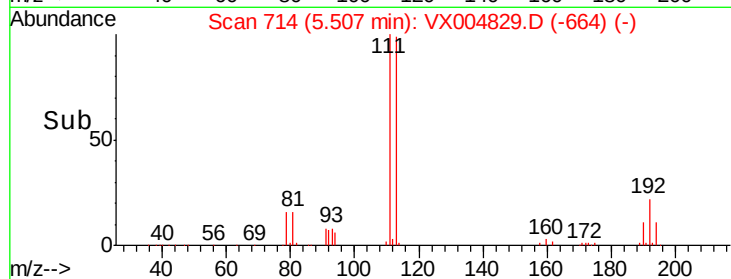
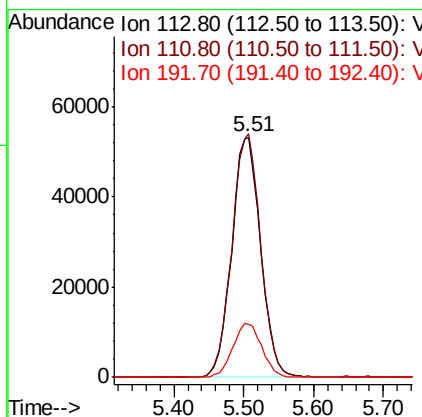
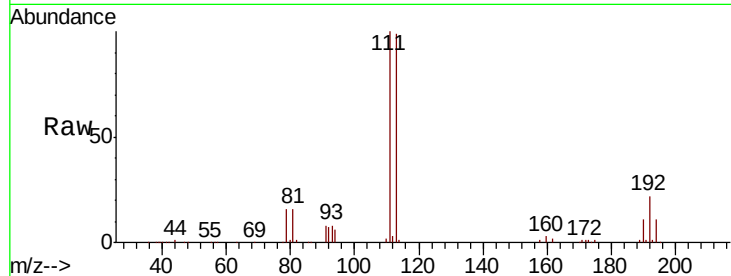




#35
 Dibromofluoromethane
 Concen: 46.407 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004829.D
 Acq: 28 Sep 2018 18:45

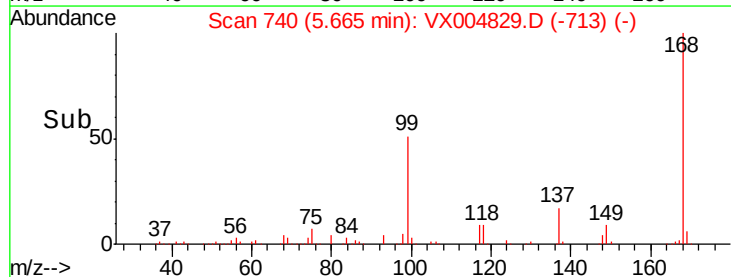
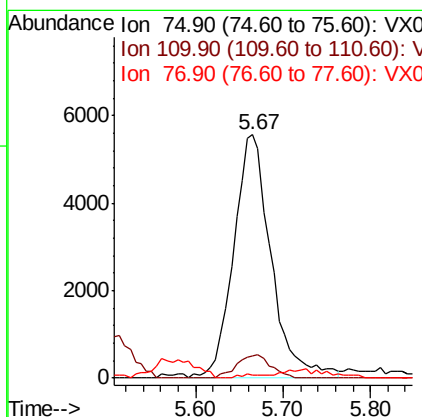
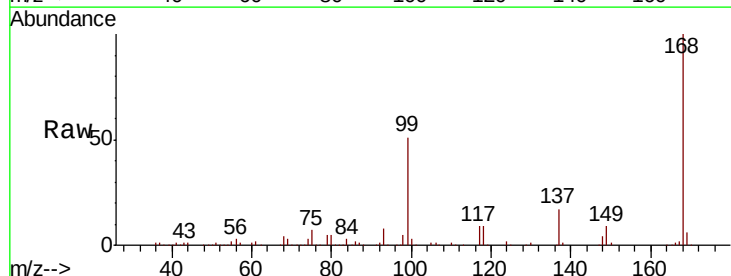
Instrument :
 MSVOA_X
 ClientSampled :
 FA18-JMW-3284

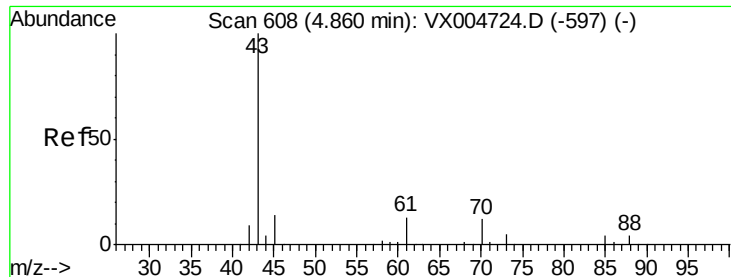
Tot Ion:113 Resp: 152544
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.4 123.6
 192 22.6 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 3.704 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX004829.D
 Acq: 28 Sep 2018 18:45

Tgt Ion: 75 Resp: 16610
 Ion Ratio Lower Upper
 75 100
 110 8.7 18.0 54.0#
 77 0.7 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.248 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

Instrument :

MSVOA_X

ClientSampled :

FA18-JMW-3284

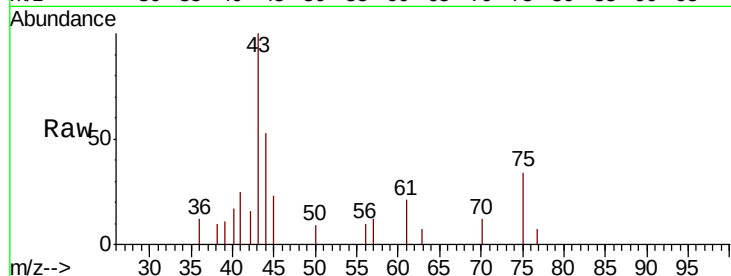
Tot Ion: 43 Resp: 1476

Ion Ratio Lower Upper

43 100

61 14.1 11.5 17.3

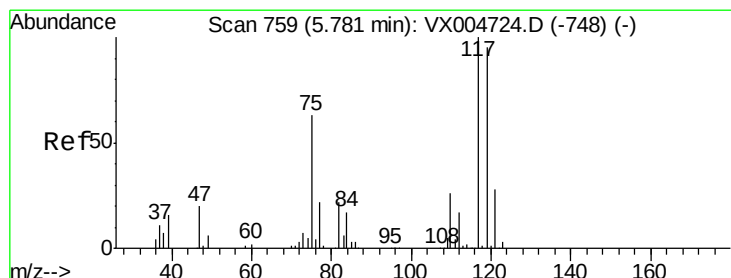
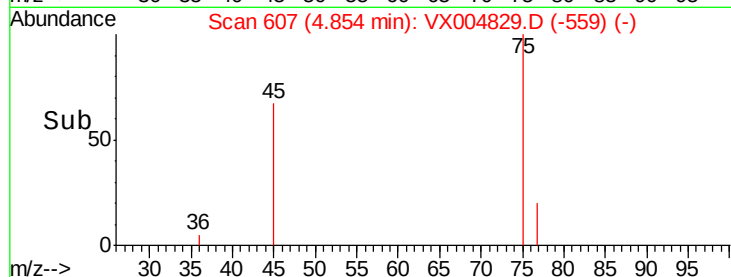
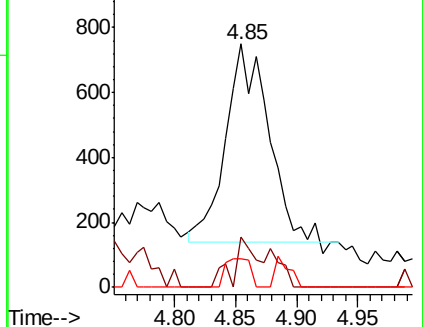
70 8.3 9.0 13.6#



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: 4.518 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

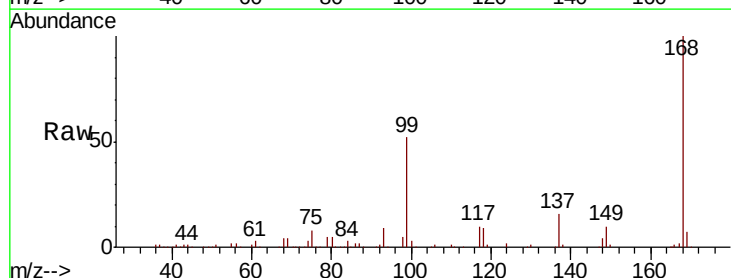
Tgt Ion: 117 Resp: 21299

Ion Ratio Lower Upper

117 100

119 6.5 78.8 118.2#

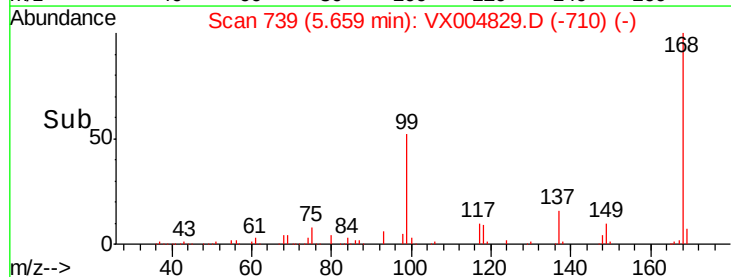
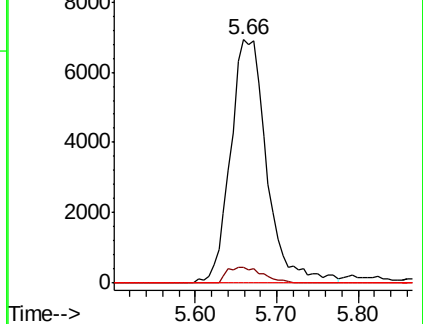
121 0.0 24.9 37.3#

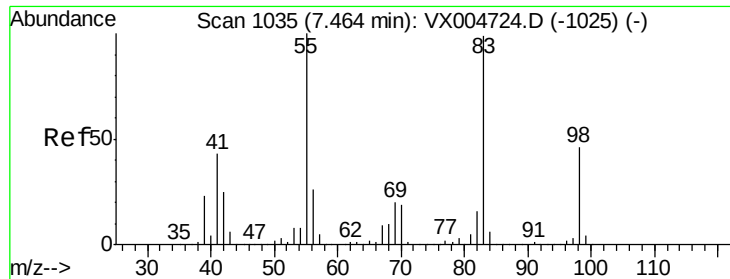


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

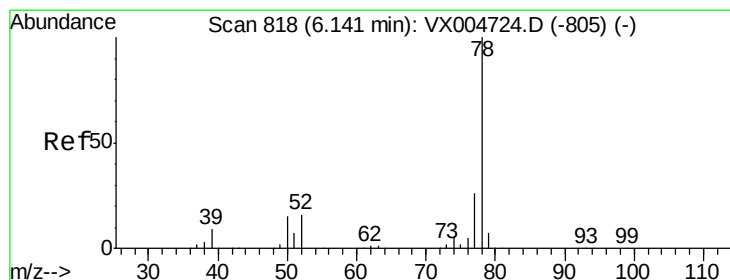
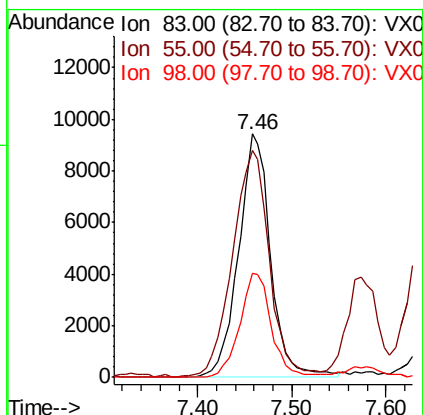
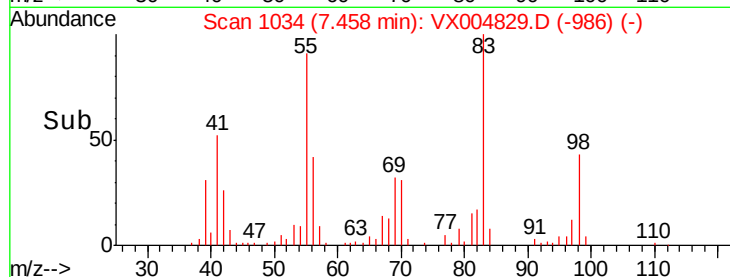
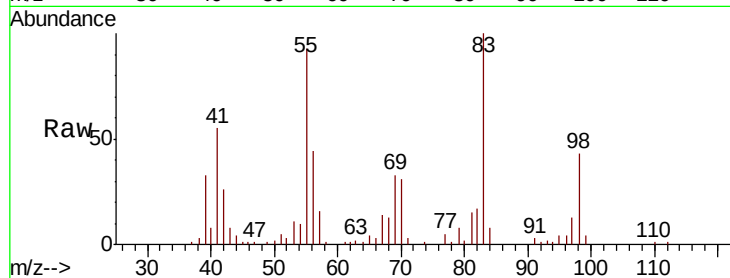




#39
Methylvlcyclohexane
Concen: 4.890 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

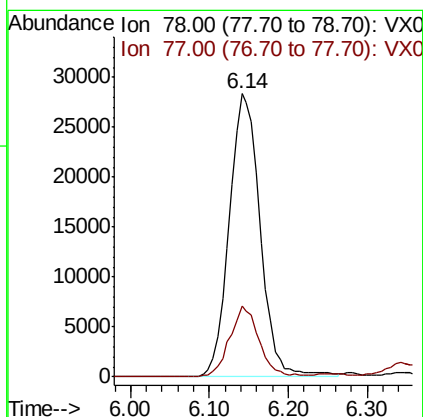
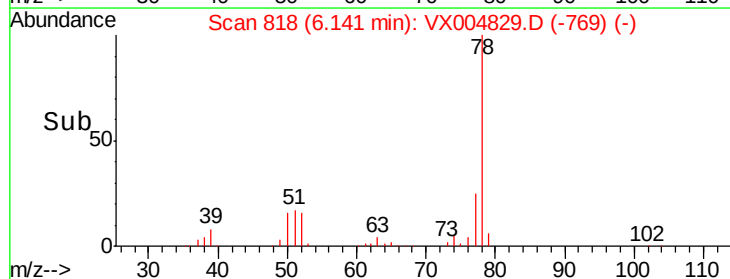
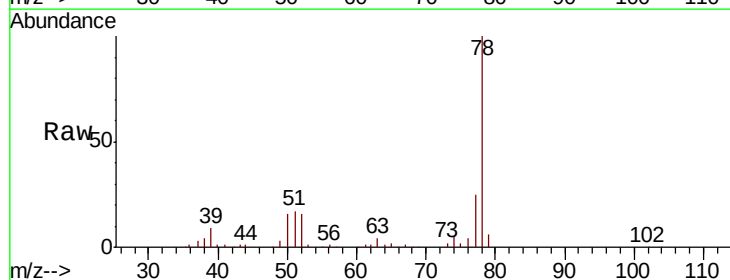
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3284

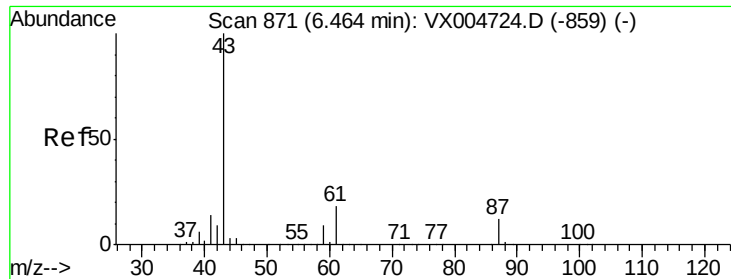
Tot Ion: 83 Resp: 22394
Ion Ratio Lower Upper
83 100
55 92.3 61.0 91.4#
98 42.7 39.6 59.4



#40
Benzene
Concen: 5.509 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Tgt Ion: 78 Resp: 77351
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.4





#43

Isopropyl Acetate

Concen: 40.686 ug/l

RT: 6.35 min Scan# 852

Delta R.T. -0.12 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3284

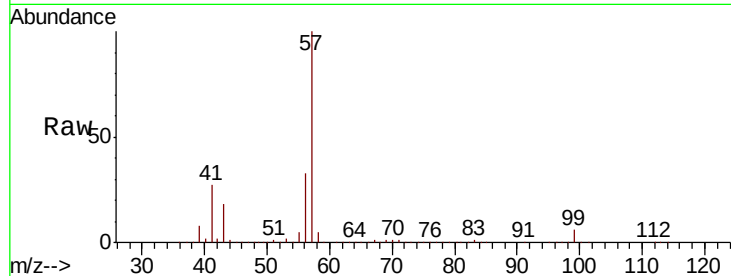
Tot Ion: 43 Resp: 349590

Ion Ratio Lower Upper

43 100

61 0.1 17.0 25.4#

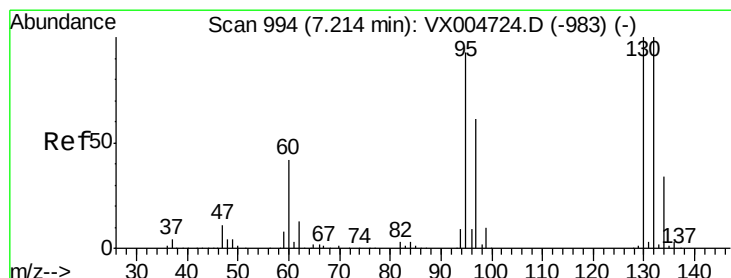
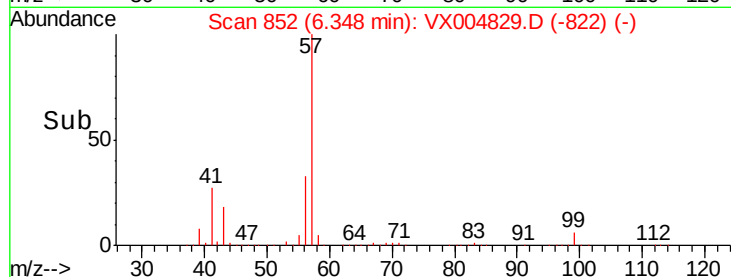
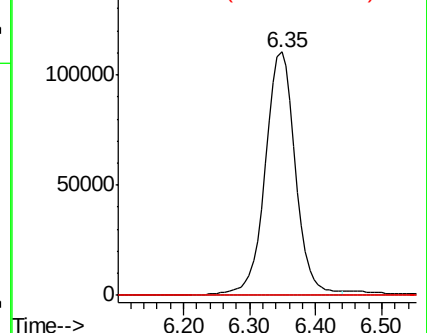
87 0.0 11.4 17.2#



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: 0.404 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004829.D

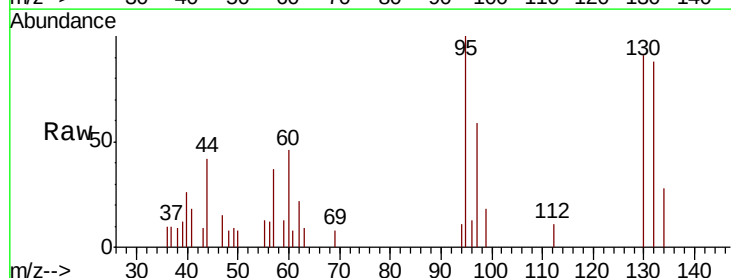
Acq: 28 Sep 2018 18:45

Tgt Ion:130 Resp: 1396

Ion Ratio Lower Upper

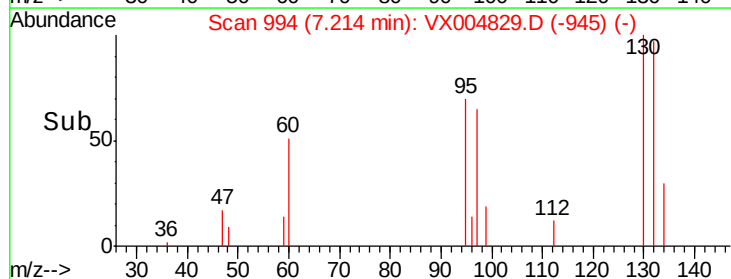
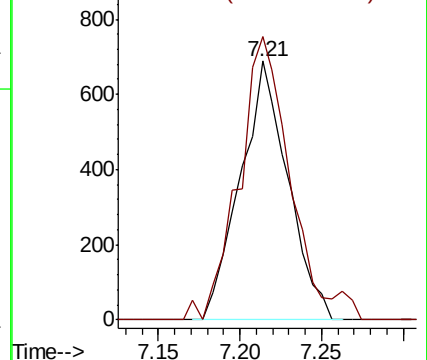
130 100

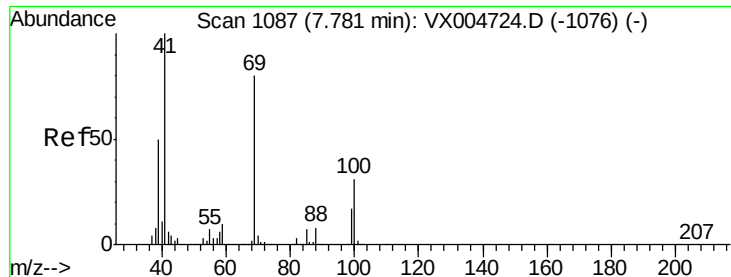
95 101.9 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

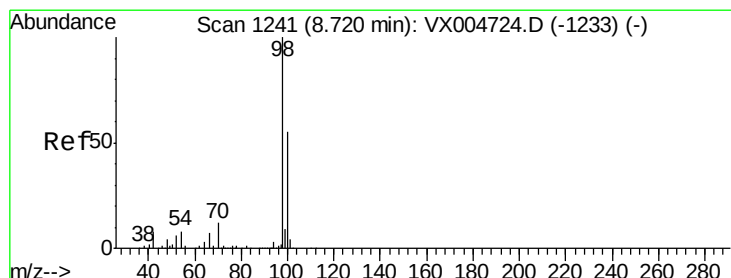
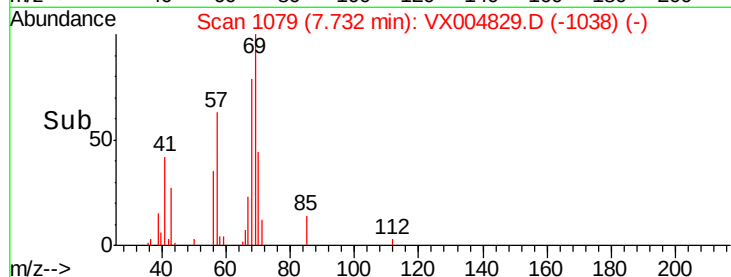
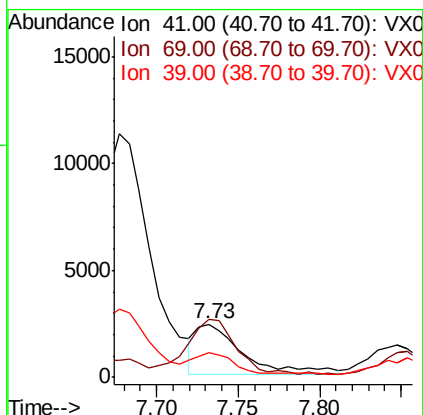
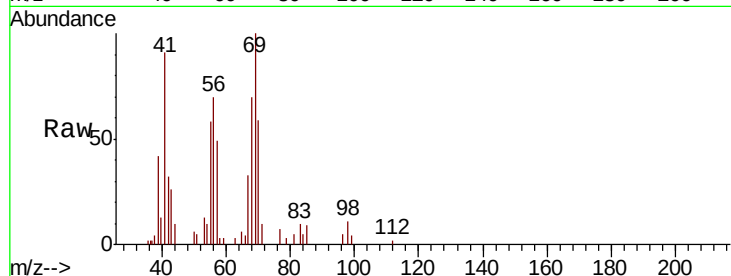




#48
Methvl methacrylate
Concen: 1.191 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.05 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

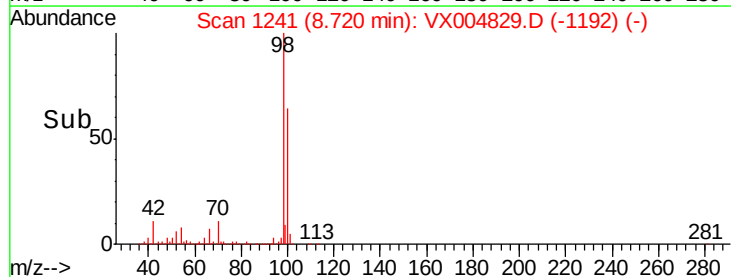
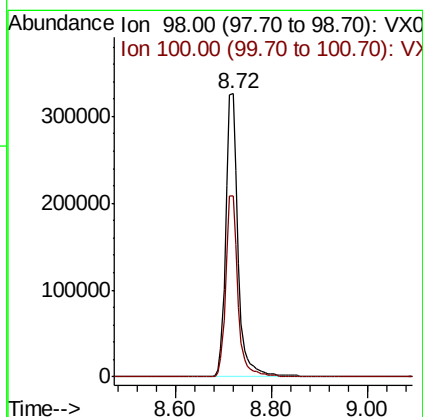
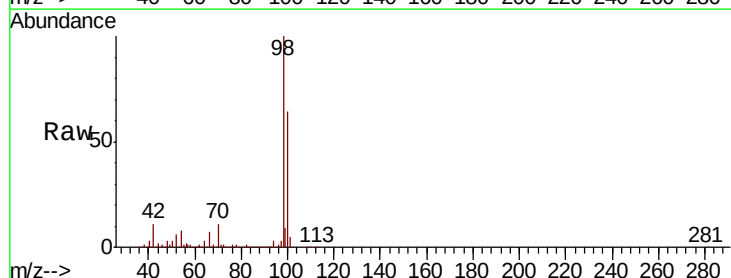
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3284

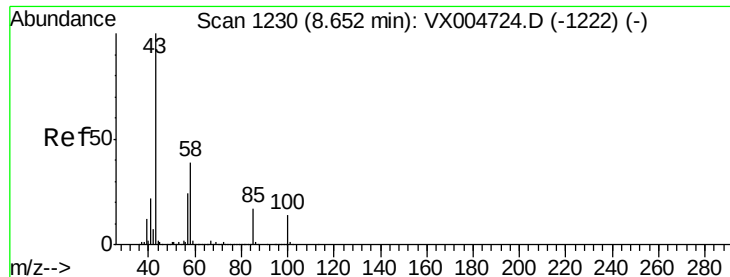
Tot Ion: 41 Resp: 4643
Ion Ratio Lower Upper
41 100
69 128.0 70.2 105.4#
39 34.9 42.7 64.1#



#50
Toluene-d8
Concen: 53.095 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Tgt Ion: 98 Resp: 580209
Ion Ratio Lower Upper
98 100
100 63.5 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 3.742 ug/l

RT: 8.68 min Scan# 1235

Delta R.T. 0.03 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

Instrument :

MSVOA_X

ClientSampled :

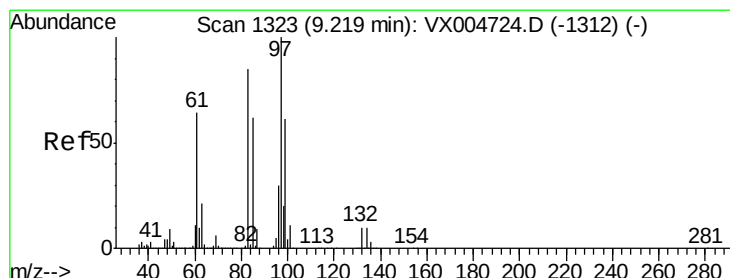
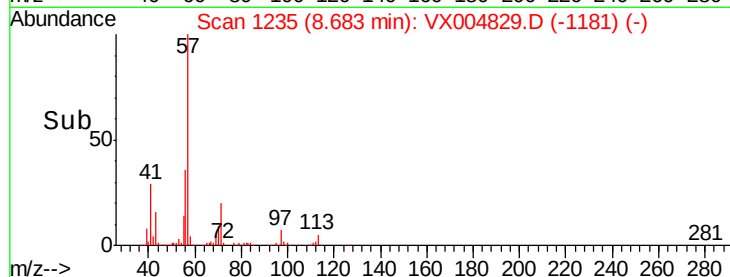
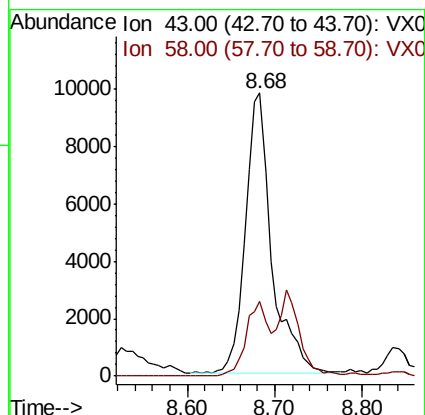
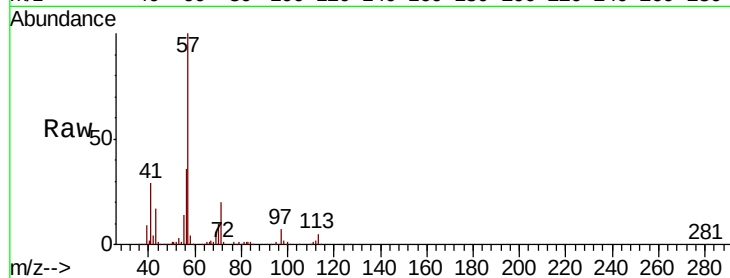
FA18-JMW-3284

Tot Ion: 43 Resp: 20247

Ion Ratio Lower Upper

43 100

58 22.3 33.1 49.7#



#55

1,1,2-Trichloroethane

Concen: 2.477 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

Tgt Ion: 97 Resp: 8371

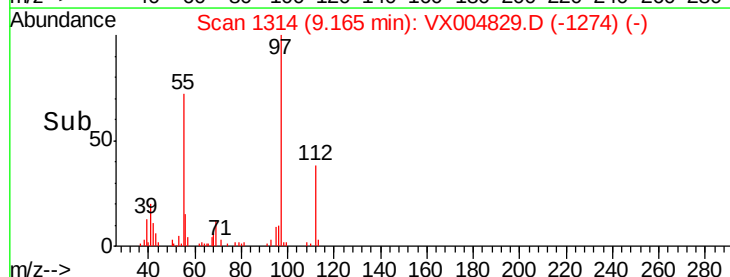
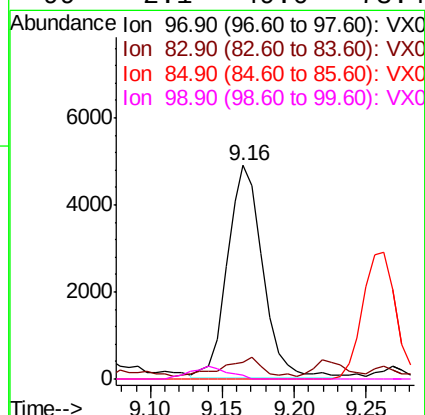
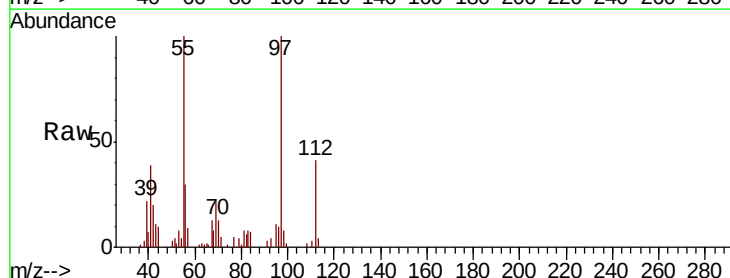
Ion Ratio Lower Upper

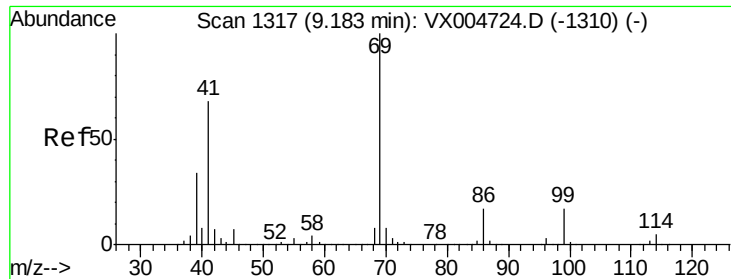
97 100

83 5.3 66.4 99.6#

85 0.0 43.3 64.9#

99 2.1 49.0 73.4#





#56

Ethyl methacrylate

Concen: 3.251 ug/l

RT: 9.17 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

Instrument :

MSVOA_X

ClientSampled :

FA18-JMW-3284

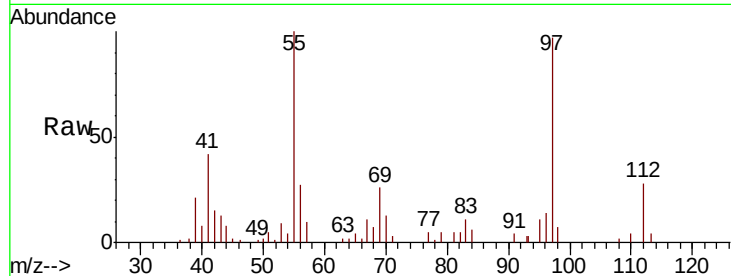
Tot Ion: 69 Resp: 2264

Ion Ratio Lower Upper

69 100

41 172.3 51.0 76.4#

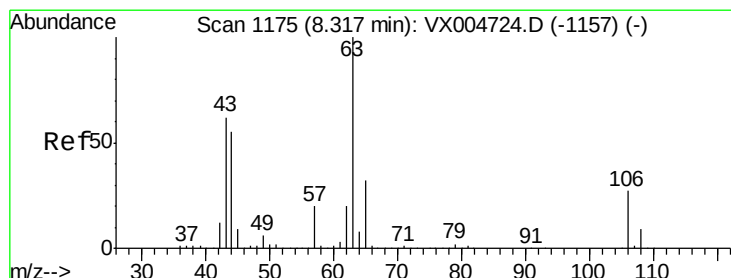
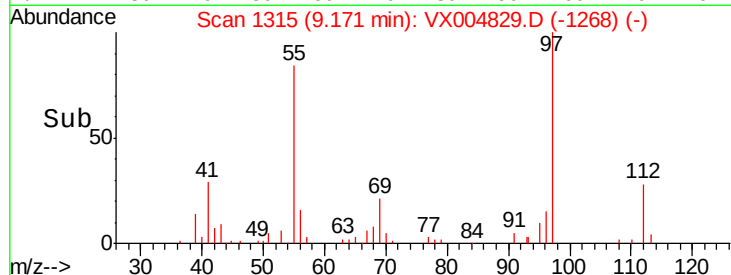
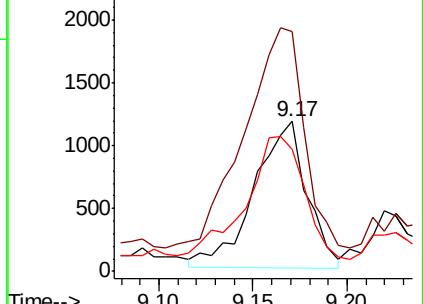
39 94.7 26.1 39.1#



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: 14.259 ug/l

RT: 8.38 min Scan# 1185

Delta R.T. 0.06 min

Lab File: VX004829.D

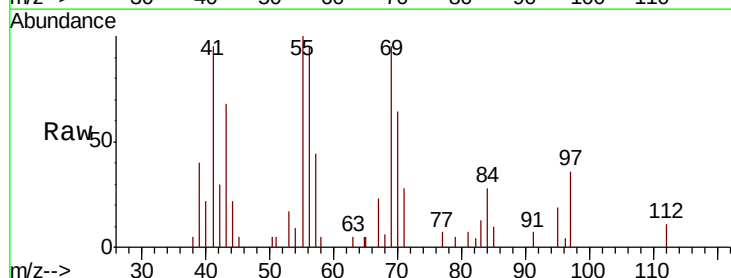
Acq: 28 Sep 2018 18:45

Tgt Ion: 63 Resp: 53

Ion Ratio Lower Upper

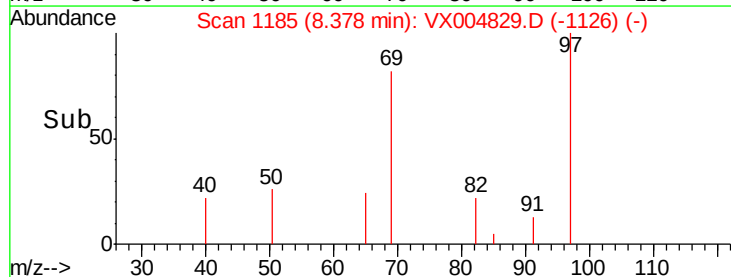
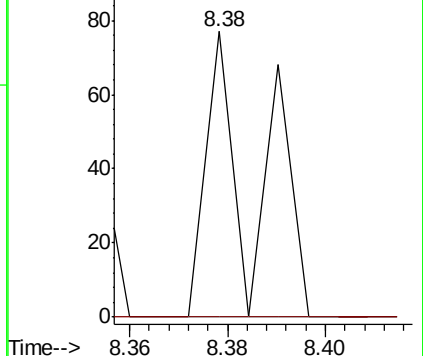
63 100

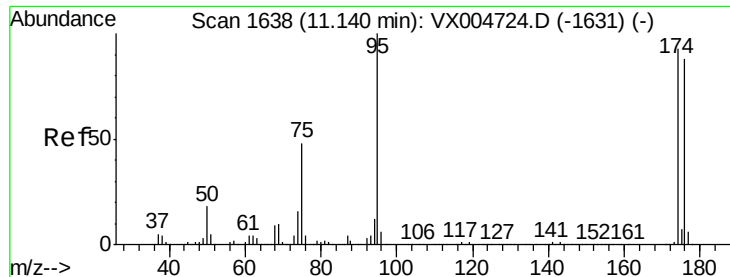
106 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

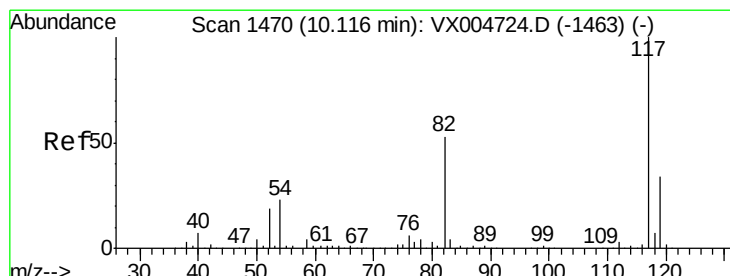
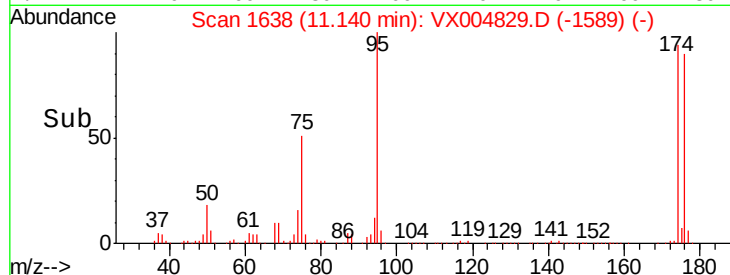
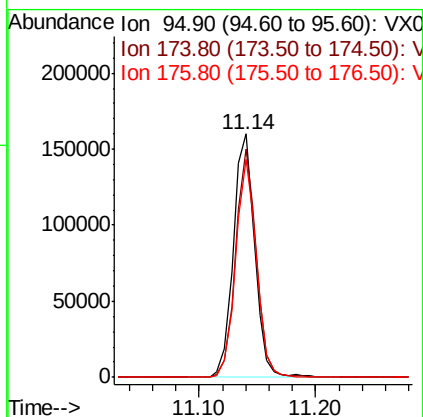
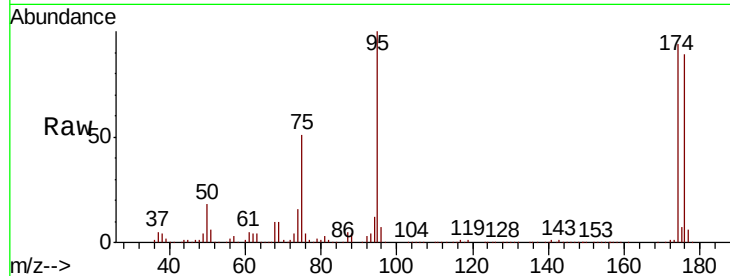




#62
4-Bromofluorobenzene
Concen: 52.083 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

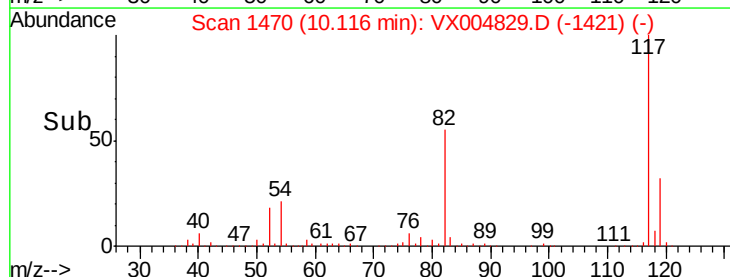
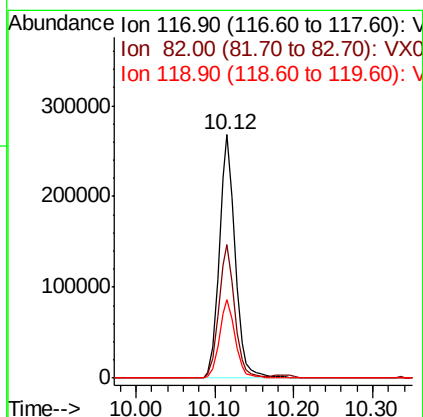
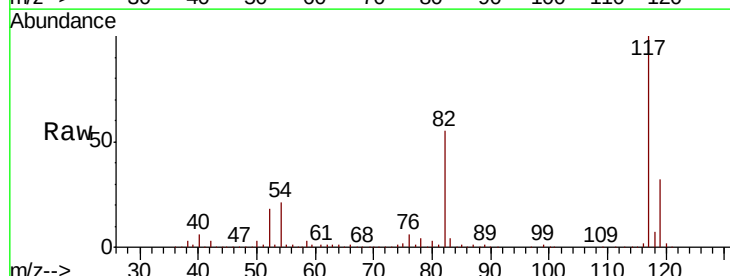
Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3284

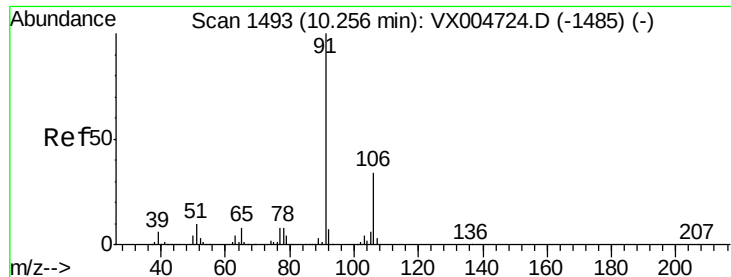
Tot Ion: 95 Resp: 205041
Ion Ratio Lower Upper
95 100
174 90.9 0.0 185.2
176 87.2 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Tgt Ion: 117 Resp: 375788
Ion Ratio Lower Upper
117 100
82 54.7 47.8 71.6
119 32.0 29.3 43.9





#67

Ethyl Benzene

Concen: 1.065 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

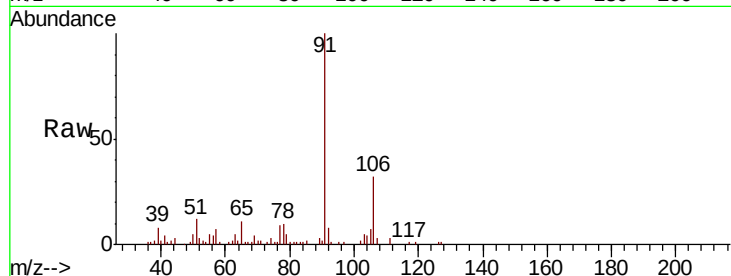
FA18-JMW-3284

Tot Ion: 91 Resp: 16289

Ion Ratio Lower Upper

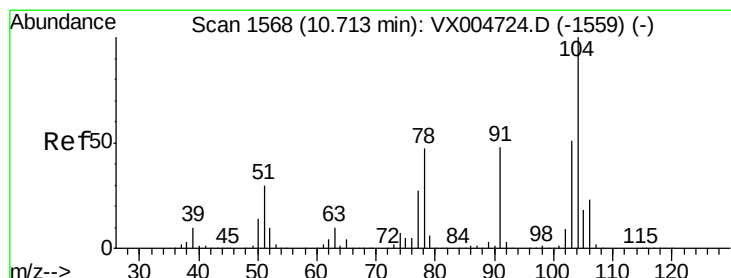
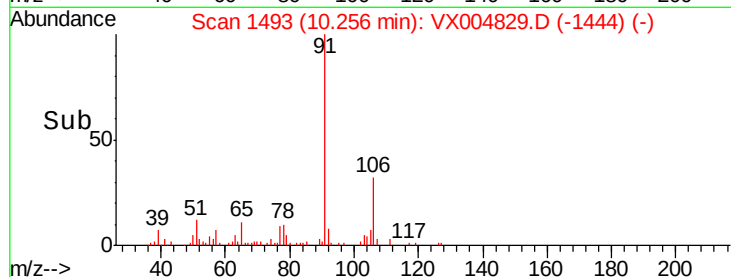
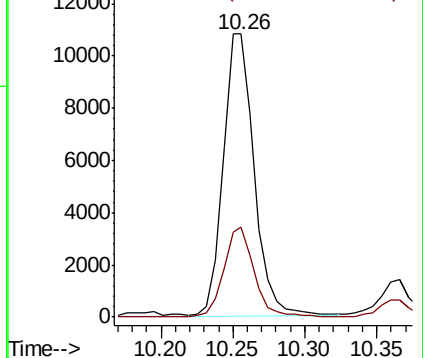
91 100

106 31.9 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#70

Styrene

Concen: 2.159 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

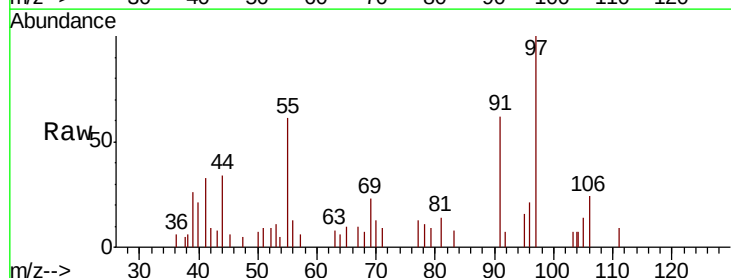
Tgt Ion: 104 Resp: 203

Ion Ratio Lower Upper

104 100

78 0.0 37.4 56.0#

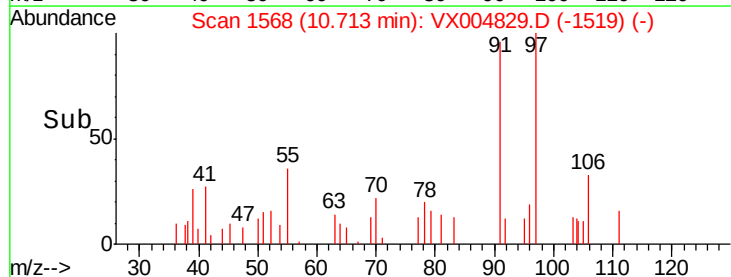
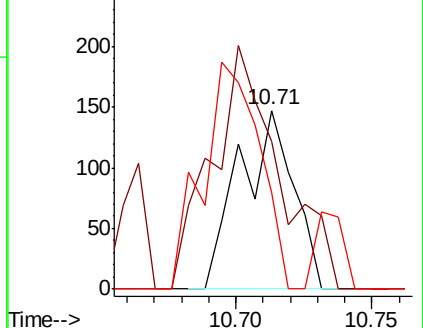
103 22.2 43.8 65.6#

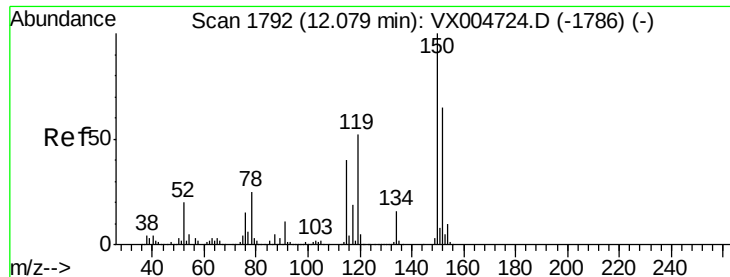


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



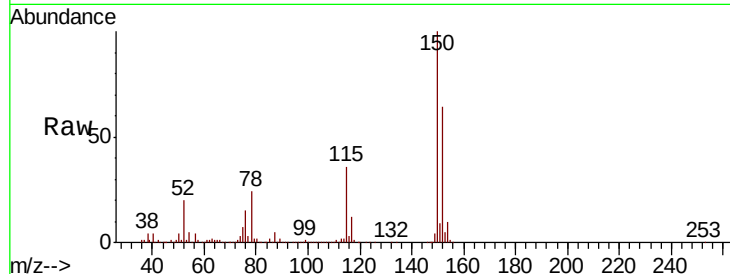


#72

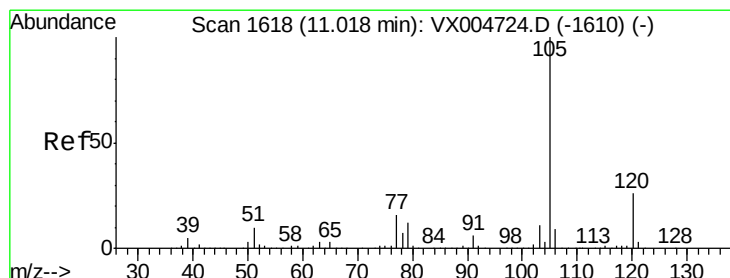
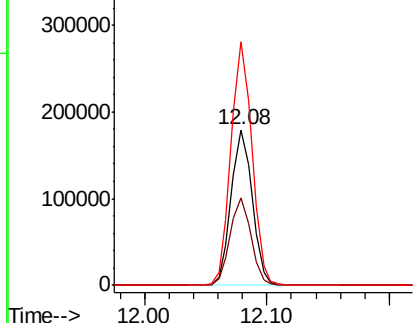
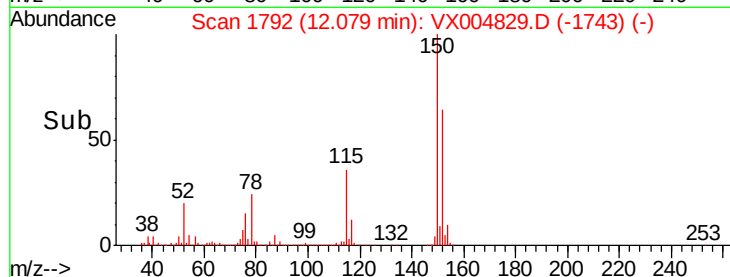
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3284

Tot Ion:152 Resp: 213451
Ion Ratio Lower Upper
152 100
115 55.8 39.0 117.0
150 156.1 0.0 351.0



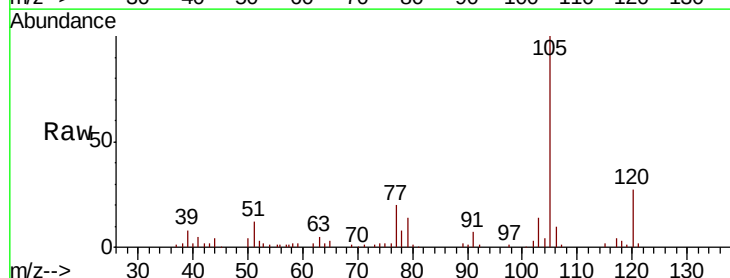
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



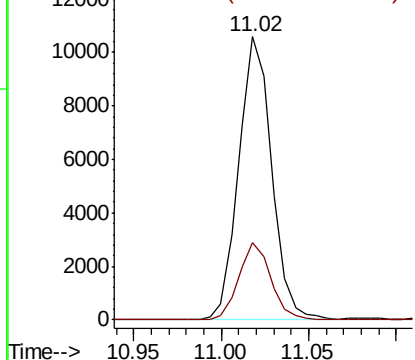
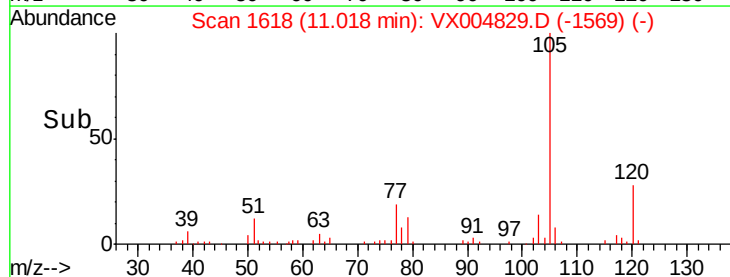
#73

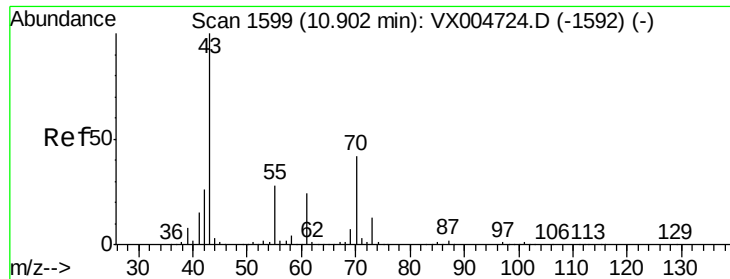
Isopropylbenzene
Concen: 1.032 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Tgt Ion:105 Resp: 13880
Ion Ratio Lower Upper
105 100
120 26.6 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: 1.764 ug/l

RT: 10.88 min Scan# 1595

Delta R.T. -0.02 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

FA18-JMW-3284

Tot Ion: 43 Resp: 123

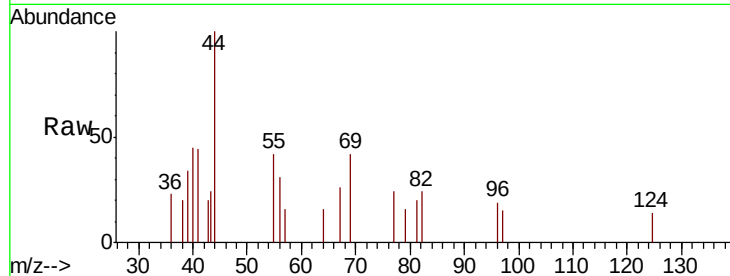
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.0#

55 0.0 21.8 32.8#

61 0.0 20.6 30.8#

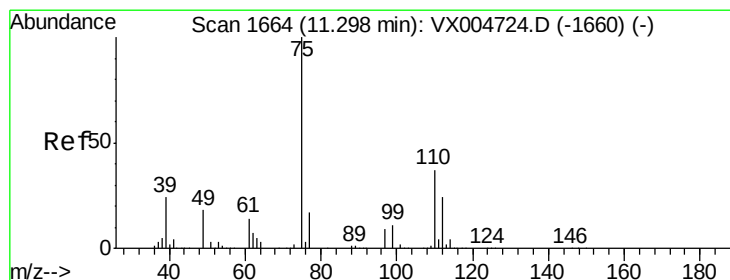
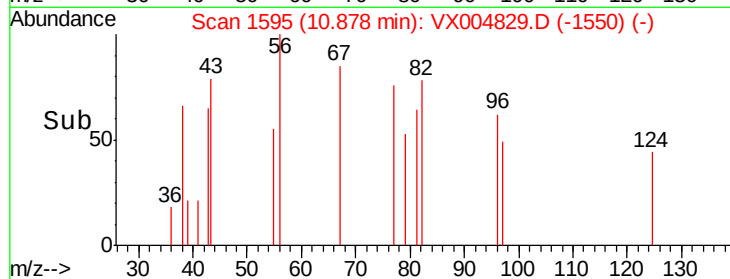
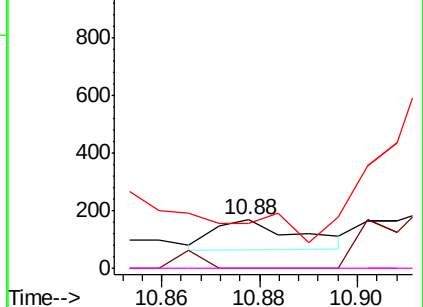


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.425 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004829.D

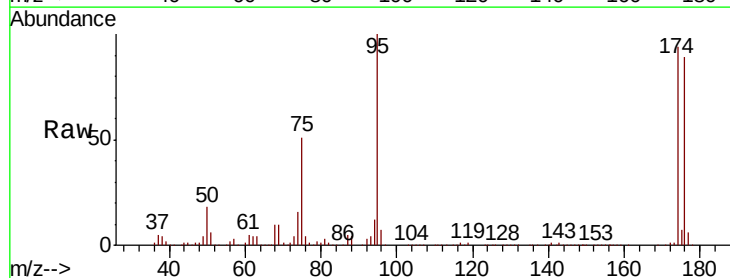
Acq: 28 Sep 2018 18:45

Tgt Ion: 75 Resp: 102500

Ion Ratio Lower Upper

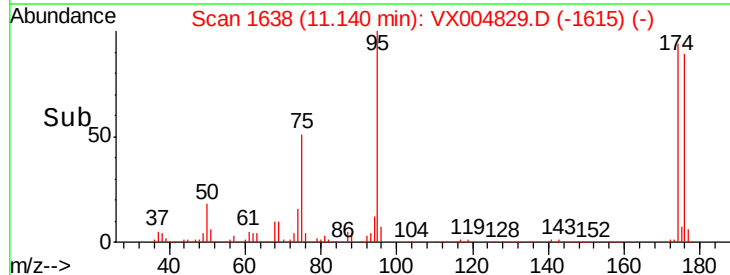
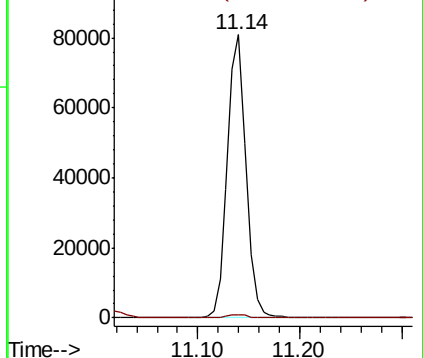
75 100

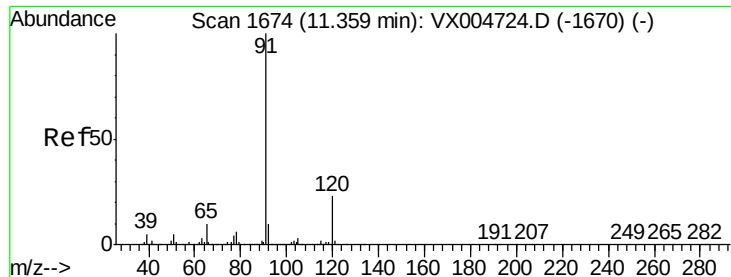
77 1.4 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.541 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

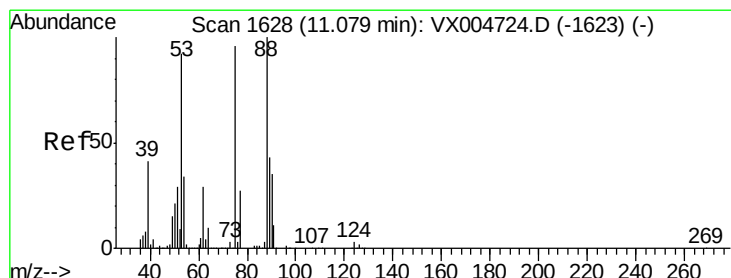
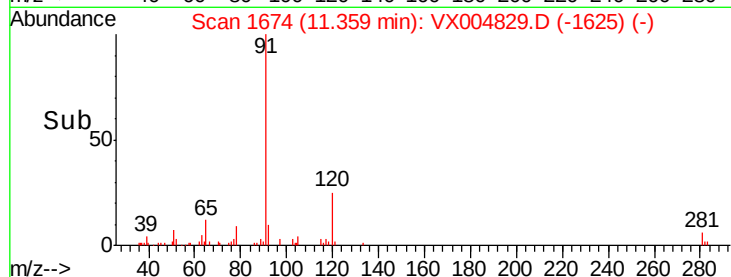
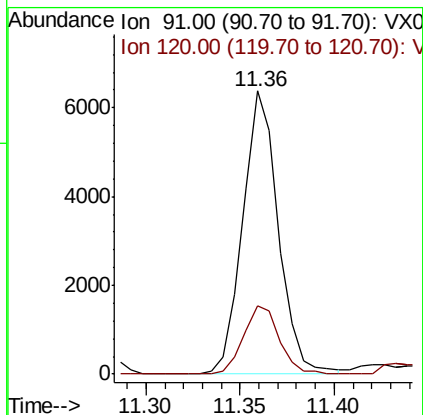
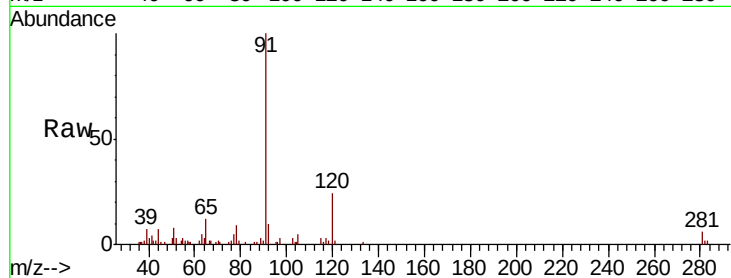
FA18-JMW-3284

Tot Ion: 91 Resp: 8345

Ion Ratio Lower Upper

91 100

120 24.2 11.9 35.9



#81

trans-1,4-Dichloro-2-butene

Concen: 58.098 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

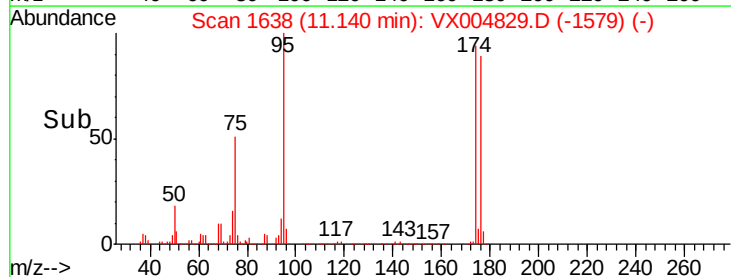
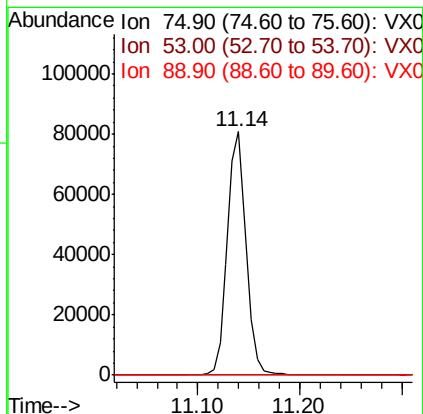
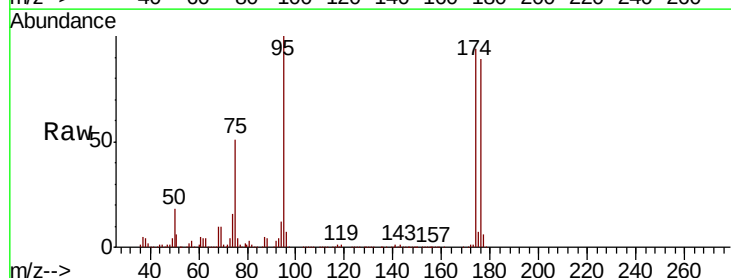
Tgt Ion: 75 Resp: 102500

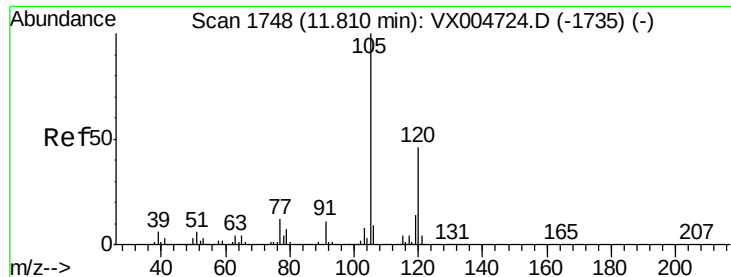
Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

89 0.0 37.2 55.8#





#84

1,2,4-Trimethylbenzene

Concen: 0.272 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

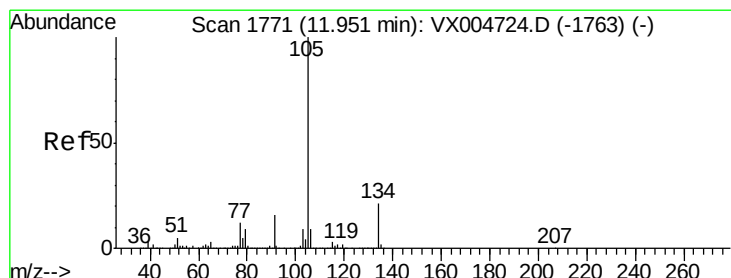
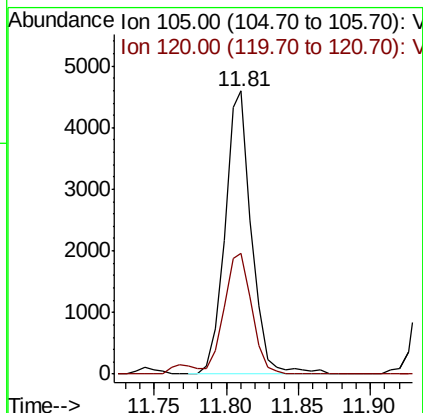
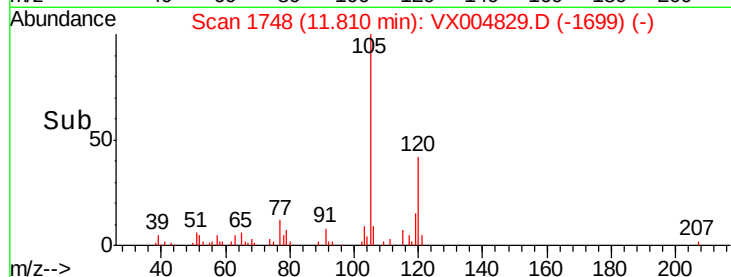
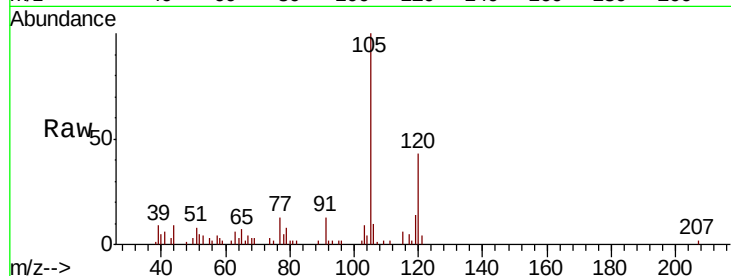
FA18-JMW-3284

Tot Ion:105 Resp: 5963

Ion Ratio Lower Upper

105 100

120 44.8 23.2 69.6



#85

sec-Butylbenzene

Concen: 0.599 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004829.D

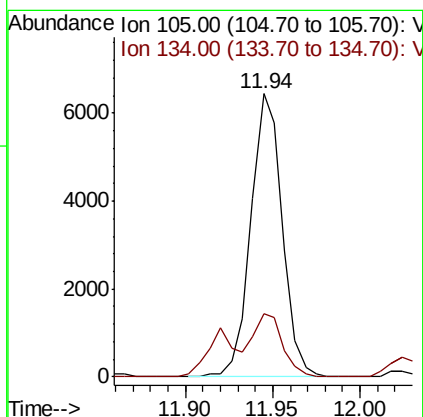
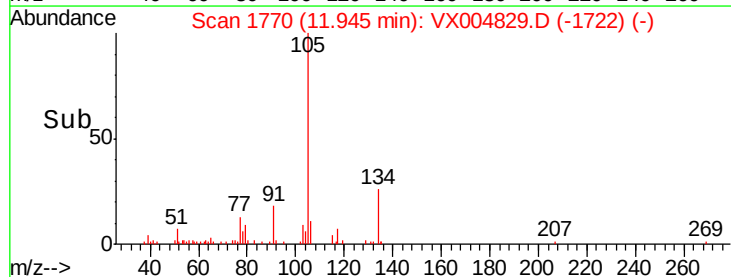
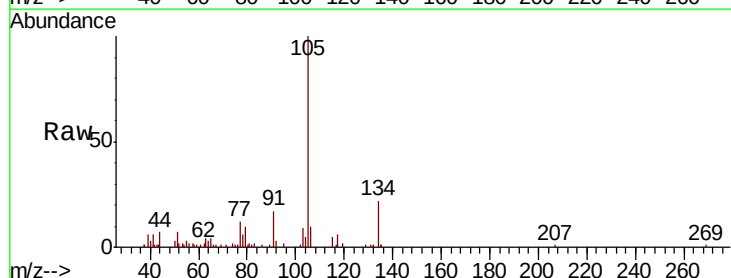
Acq: 28 Sep 2018 18:45

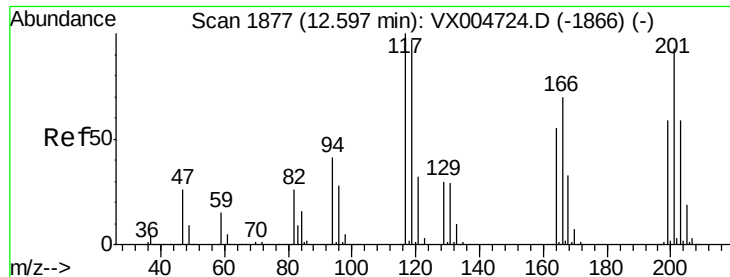
Tgt Ion:105 Resp: 8086

Ion Ratio Lower Upper

105 100

134 20.9 10.5 31.5





#90

Hexachloroethane

Concen: 0.258 ug/l

RT: 12.52 min Scan# 1864

Delta R.T. -0.08 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

Instrument :

MSVOA_X

ClientSampleId :

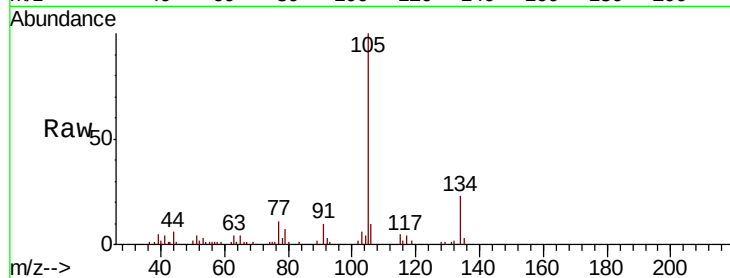
FA18-JMW-3284

Tot Ion:117 Resp: 526

Ion Ratio Lower Upper

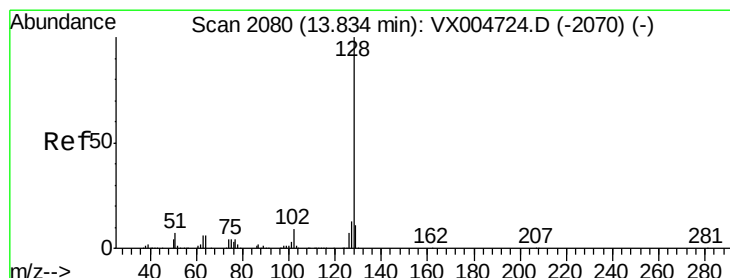
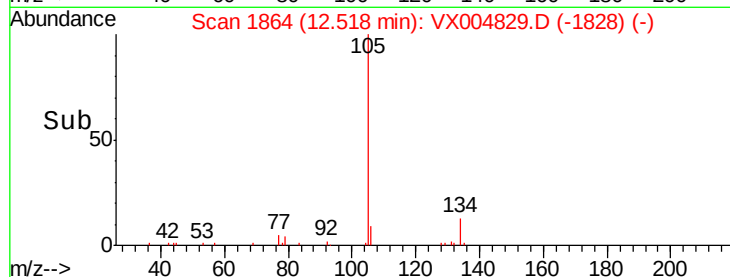
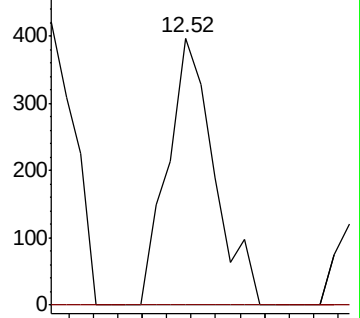
117 100

201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 0.815 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004829.D

Acq: 28 Sep 2018 18:45

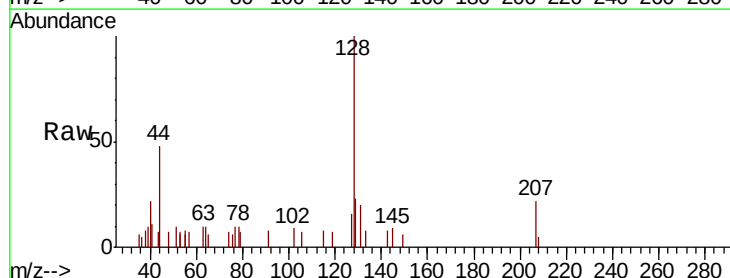
Tgt Ion:128 Resp: 1725

Ion Ratio Lower Upper

128 100

127 17.9 10.2 15.2#

129 10.7 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

