

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
 Data File : VX005463.D
 Acq On : 19 Oct 2018 17:27
 Operator : JC/MD
 Sample : J5604-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MS-VB-25868-BOX-1

Quant Time: Oct 20 04:21:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	261698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	373355	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173680	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	157052	54.07	ug/l	0.00
Spiked Amount			Recovery	=	108.14%	
35) Dibromofluoromethane	5.51	113	122349	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
50) Toluene-d8	8.71	98	452265	53.27	ug/l	0.00
Spiked Amount			Recovery	=	106.54%	
62) 4-Bromofluorobenzene	11.14	95	163888	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	271	0.742	ug/l #	74
6) Chloroethane	1.73	64	319	0.497	ug/l #	64
10) Methyl Iodide	2.52	142	72	2.516	ug/l #	90
11) Tert butyl alcohol	3.07	59	17854	21.792	ug/l	98
13) Acrolein	2.30	56	588	Below Cal	#	18
14) Allyl chloride	2.62	41	23413	4.653	ug/l #	57
16) Acetone	2.45	43	651405	387.899	ug/l	99
17) Carbon Disulfide	2.57	76	2334	0.336	ug/l #	87
18) Methyl Acetate	2.62	43	59380	12.429	ug/l #	51
20) Methylene Chloride	2.85	84	442	Below Cal	#	77
25) 2-Butanone	4.71	43	90106	36.673	ug/l #	89
29) Tetrahydrofuran	5.16	42	12753	8.137	ug/l	92
30) Chloroform	5.21	83	1529	0.340	ug/l	86
31) Cyclohexane	5.66	56	4922	1.233	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	17448	4.825	ug/l #	51
37) Ethyl Acetate	4.71	43	90106	19.377	ug/l #	68
38) Carbon Tetrachloride	5.67	117	22559	6.209	ug/l #	16
40) Benzene	6.13	78	79083	7.291	ug/l	98
41) Methacrylonitrile	5.18	41	10173	4.081	ug/l #	45
43) Isopropyl Acetate	6.38	43	1279	0.206	ug/l #	59
44) Trichloroethene	7.22	130	23	Below Cal		4
49) 1,4-Dioxane	7.76	88	242	3.266	ug/l #	77
51) 4-Methyl-2-Pentanone	8.65	43	15474	3.608	ug/l	96
52) Toluene	8.79	92	18794	3.167	ug/l	93
59) 2-Hexanone	9.50	43	17757	5.147	ug/l	93
67) Ethyl Benzene	10.26	91	3908	0.334	ug/l	97
68) m/p-Xylenes	10.36	106	6104	1.343	ug/l	92
69) o-Xylene	10.70	106	6095	1.390	ug/l	92
70) Styrene	10.71	104	1660	0.230	ug/l #	47
74) N-amyl acetate	10.94	43	16194	3.252	ug/l #	56
76) 1,2,3-Trichloropropane	11.14	75	82848	24.592	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	2623	0.297	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	135480	122.192	ug/l #	20
83) tert-Butylbenzene	11.77	119	9325	1.042	ug/l	89

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101918\
Data File : VX005463.D
Acq On : 19 Oct 2018 17:27
Operator : JC/MD
Sample : J5604-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-25868-BOX-1

Quant Time: Oct 20 04:21:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

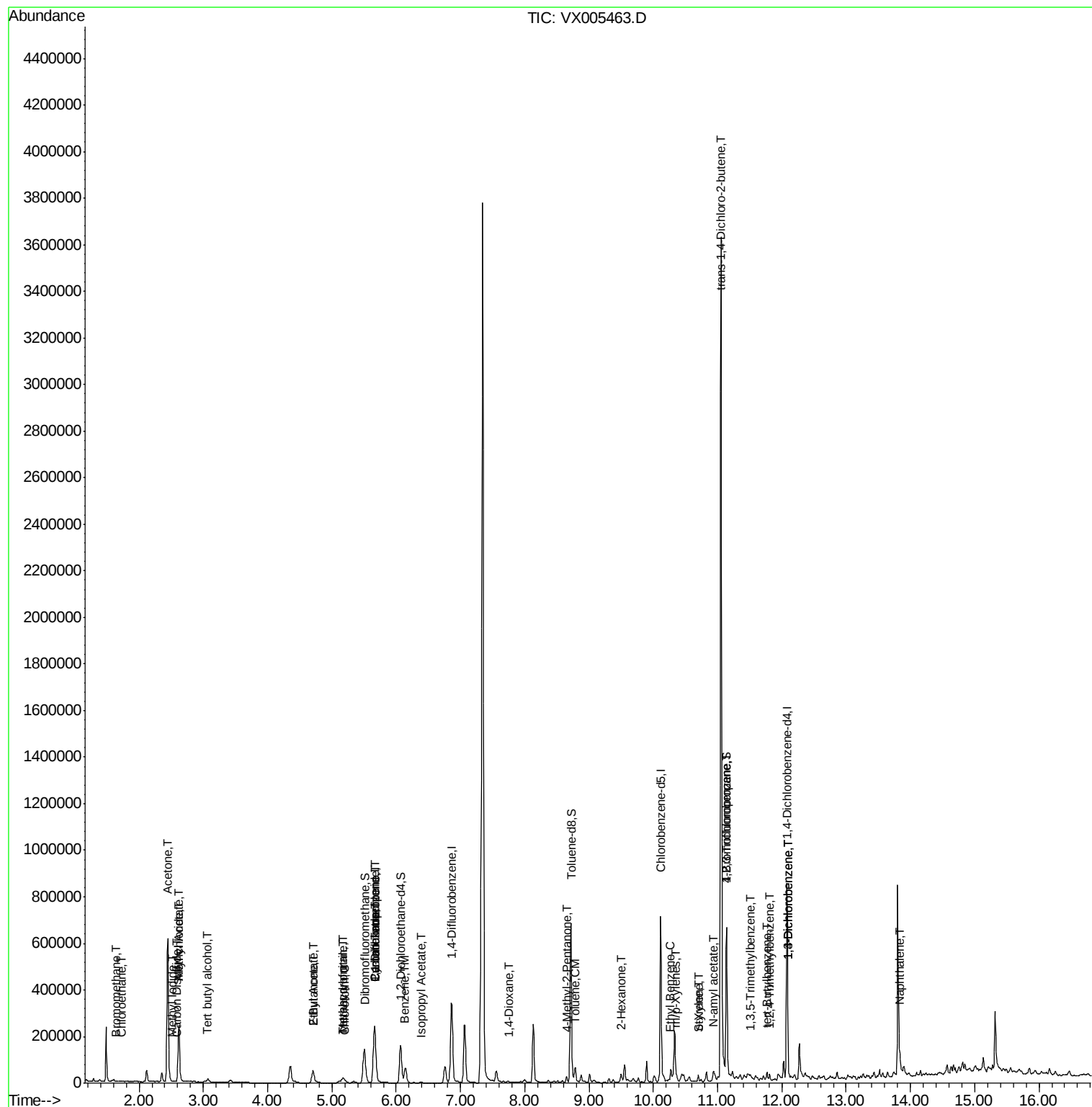
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	7112	0.782	ug/l	78
87) 1,3-Dichlorobenzene	12.10	146	10869	1.970	ug/l #	83
88) 1,4-Dichlorobenzene	12.10	146	10869	1.926	ug/l #	82
95) Naphthalene	13.83	128	20962	1.750	ug/l #	89

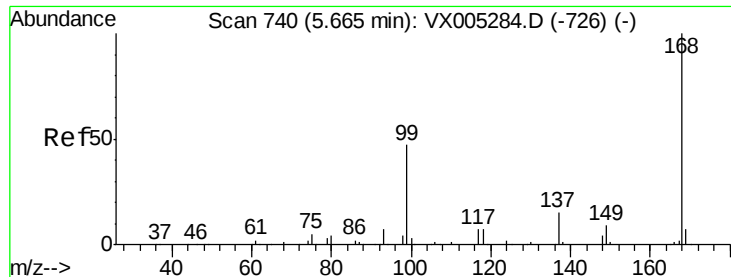
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101918\
Data File : VX005463.D
Acq On : 19 Oct 2018 17:27
Operator : JC/MD
Sample : J5604-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-25868-BOX-1

Quant Time: Oct 20 04:21:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

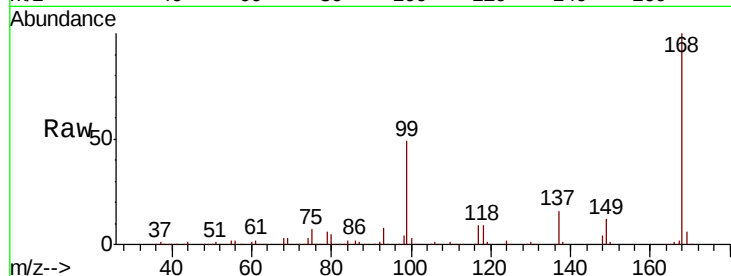
MS-VB-25868-BOX-1

Tot Ion:168 Resp: 261698

Ion Ratio Lower Upper

168 100

99 49.2 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

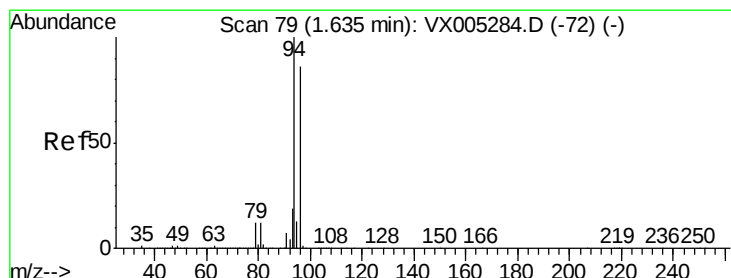
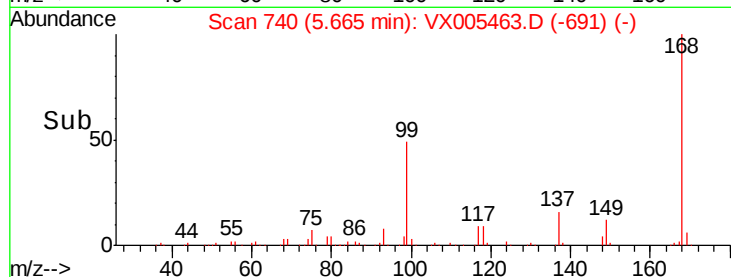
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.742 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX005463.D

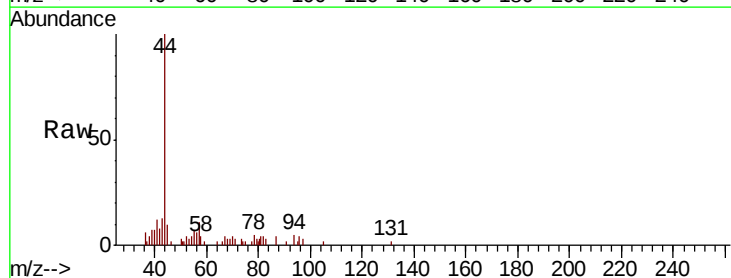
Acq: 19 Oct 2018 17:27

Tgt Ion: 94 Resp: 271

Ion Ratio Lower Upper

94 100

96 67.7 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

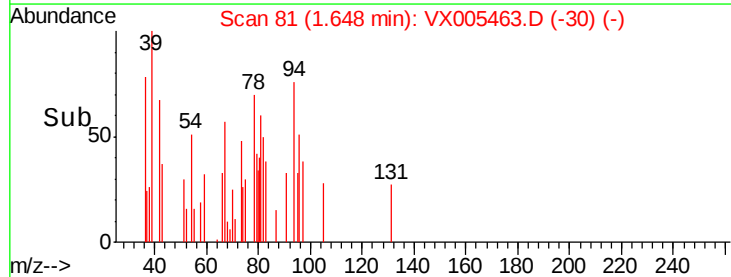
150

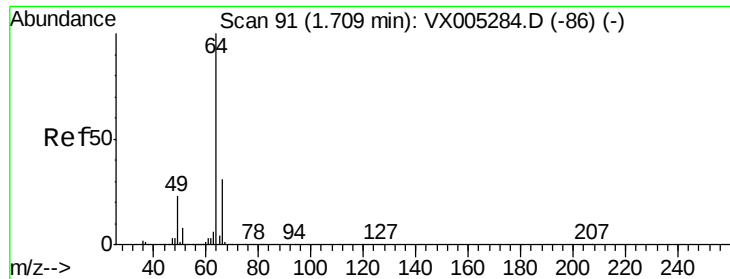
100

50

0

Time--> 1.62 1.64 1.66 1.68





#6

Chloroethane

Concen: 0.497 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.02 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

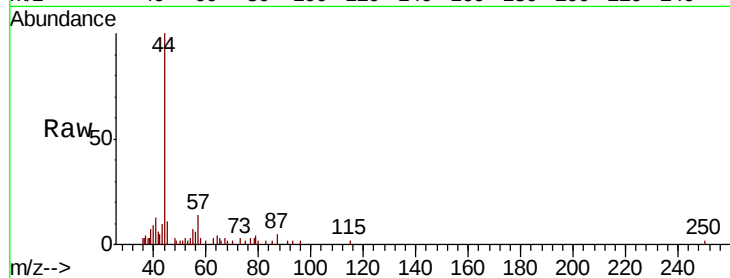
MS-VB-25868-BOX-1

Tot Ion: 64 Resp: 319

Ion Ratio Lower Upper

64 100

66 50.4 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

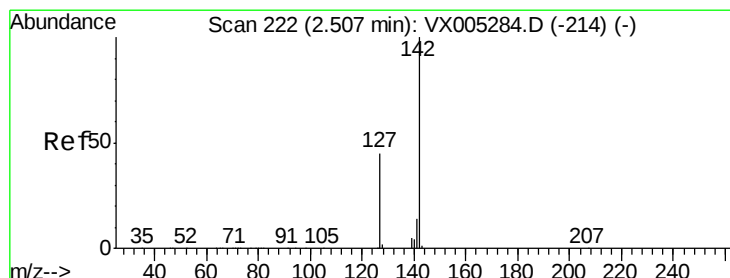
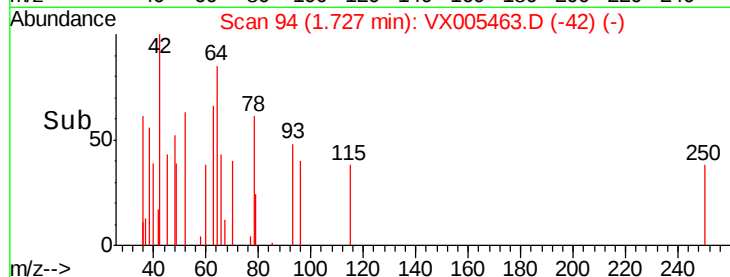
100

50

0

1.65 1.70 1.75 1.80

Time-->



#10

Methyl Iodide

Concen: 2.516 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

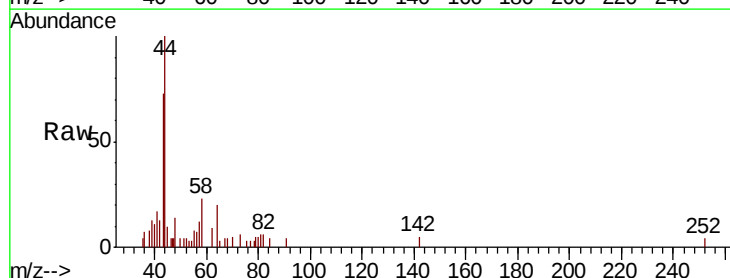
Tgt Ion:142 Resp: 72

Ion Ratio Lower Upper

142 100

127 43.1 33.8 50.6

141 0.0 11.4 17.0#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.52

100

80

60

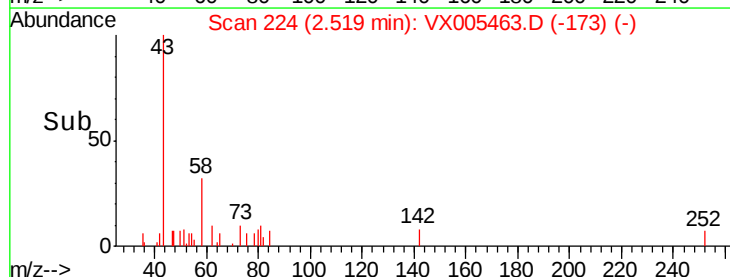
40

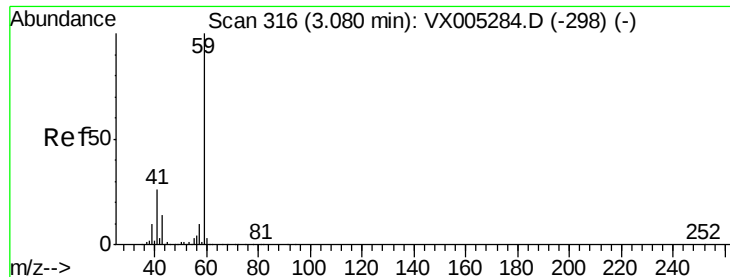
20

0

2.50 2.52 2.54

Time-->

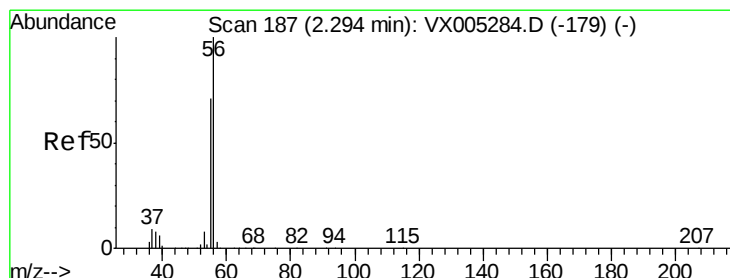
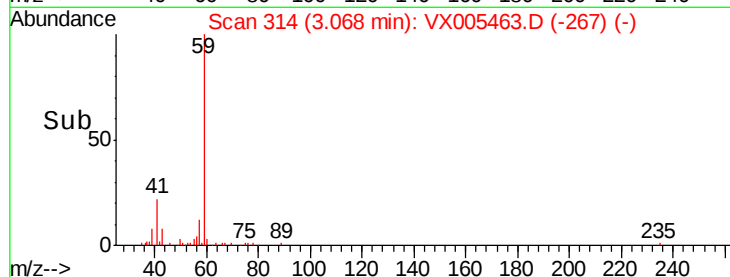
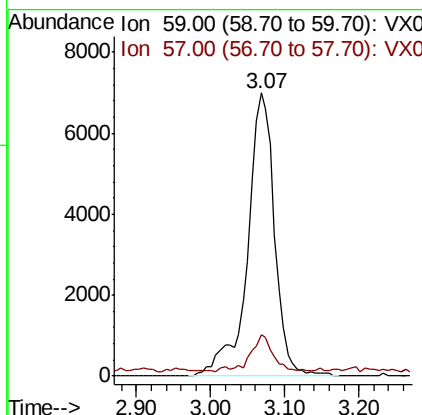
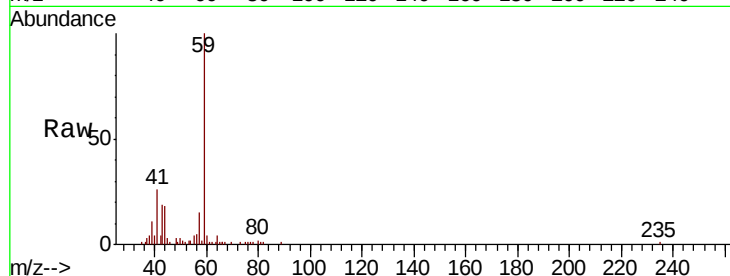




#11
Tert butyl alcohol
Concen: 21.792 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005463.D
Acq: 19 Oct 2018 17:27

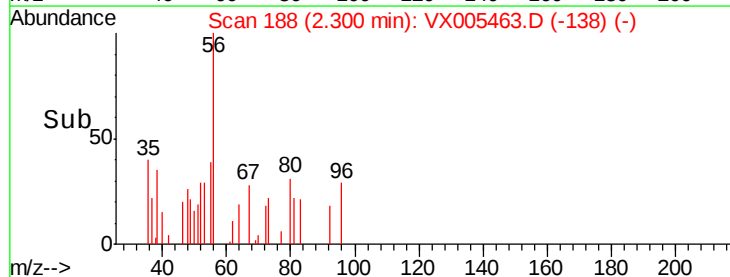
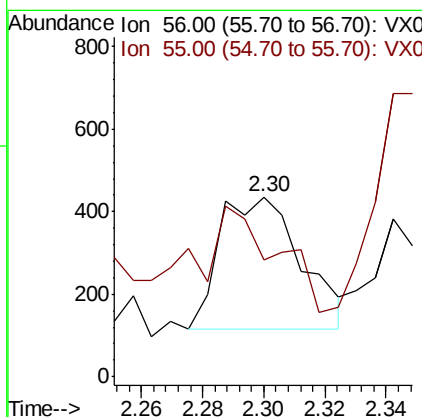
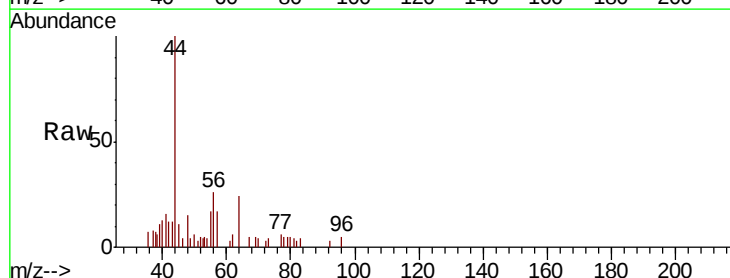
Instrument :
MSVOA_X
ClientSampleId :
MS-VB-25868-BOX-1

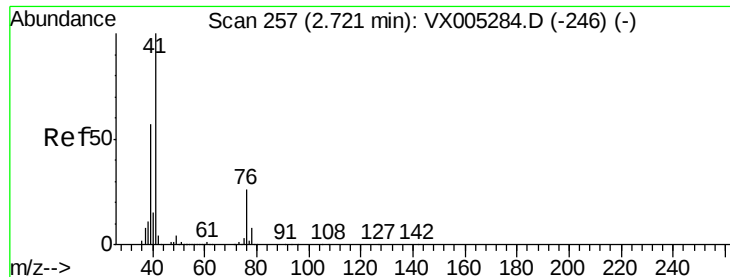
Tot Ion: 59 Resp: 17854
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4



#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX005463.D
Acq: 19 Oct 2018 17:27

Tgt Ion: 56 Resp: 588
Ion Ratio Lower Upper
56 100
55 135.0 54.7 82.1#

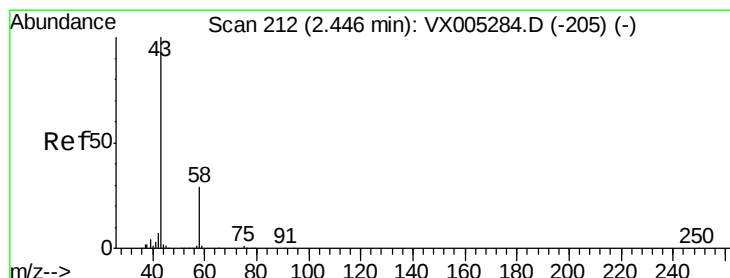
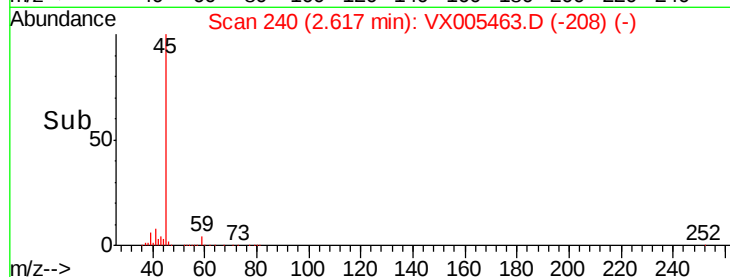
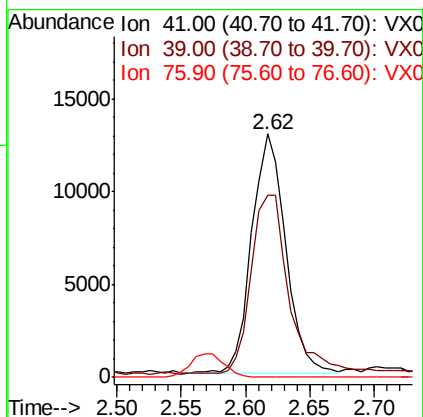
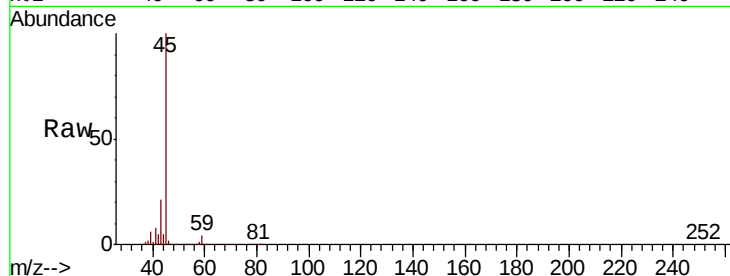




#14
Allvl chloride
Concen: 4.653 ug/l
RT: 2.62 min Scan# 240
Delta R.T. -0.10 min
Lab File: VX005463.D
Acq: 19 Oct 2018 17:27

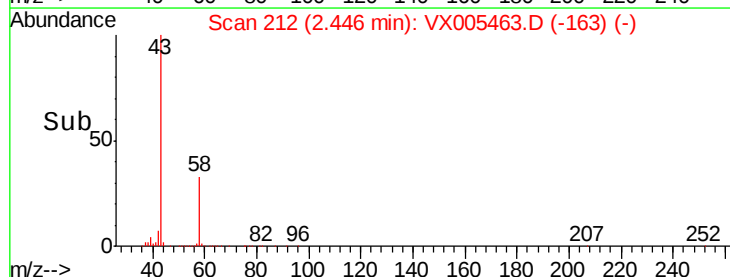
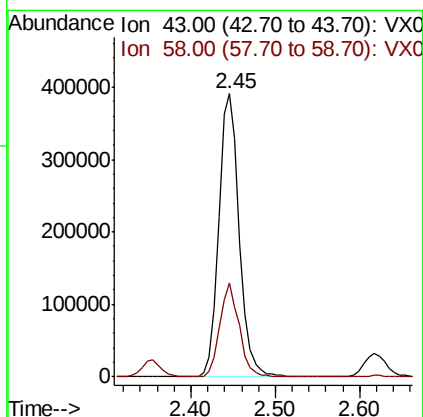
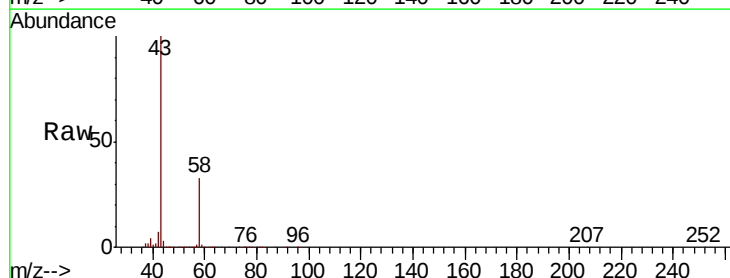
Instrument :
MSVOA_X
ClientSampleId :
MS-VB-25868-BOX-1

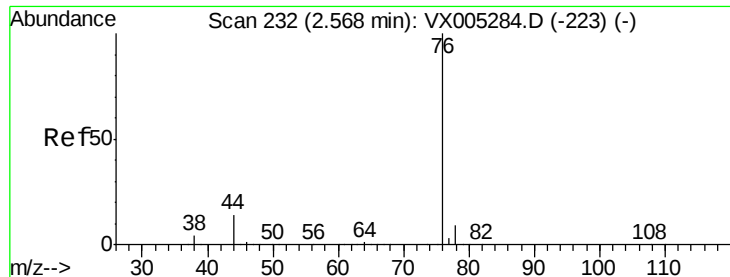
Tot Ion: 41 Resp: 23413
Ion Ratio Lower Upper
41 100
39 86.8 48.9 73.3#
76 0.0 26.7 40.1#



#16
Acetone
Concen: 387.899 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005463.D
Acq: 19 Oct 2018 17:27

Tgt Ion: 43 Resp: 651405
Ion Ratio Lower Upper
43 100
58 33.4 26.2 39.4





#17

Carbon Disulfide

Concen: 0.336 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

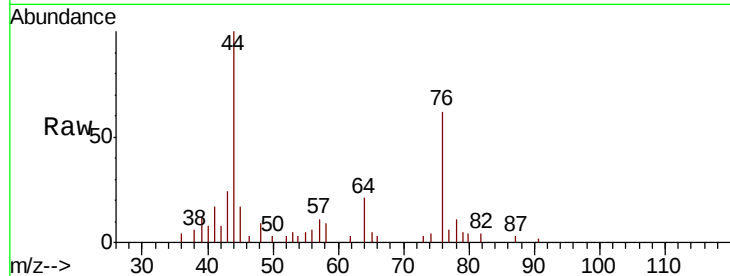
MS-VB-25868-BOX-1

Tot Ion: 76 Resp: 2334

Ion Ratio Lower Upper

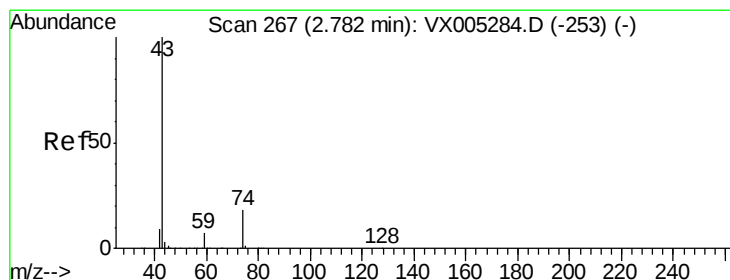
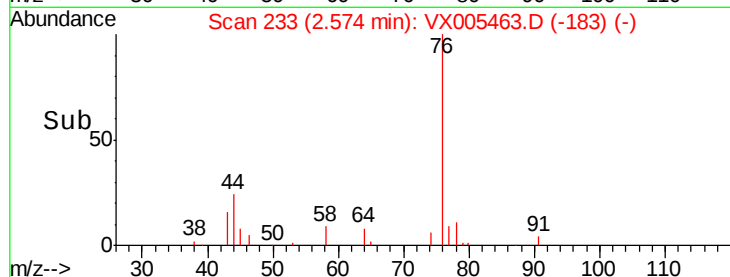
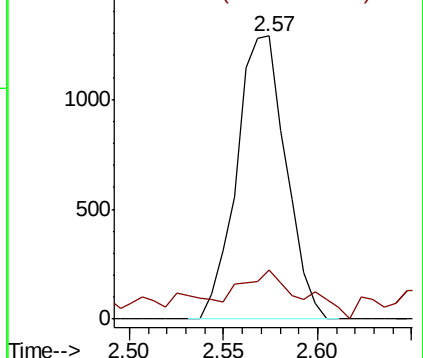
76 100

78 13.4 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 12.429 ug/l

RT: 2.62 min Scan# 240

Delta R.T. -0.16 min

Lab File: VX005463.D

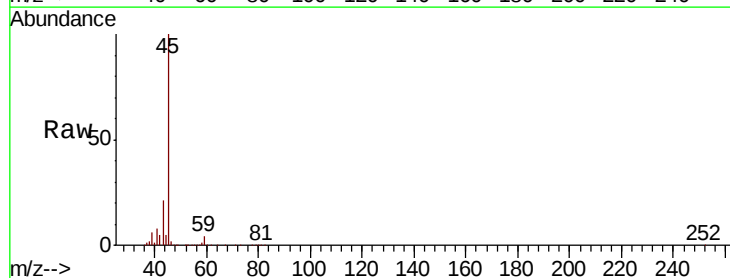
Acq: 19 Oct 2018 17:27

Tgt Ion: 43 Resp: 59380

Ion Ratio Lower Upper

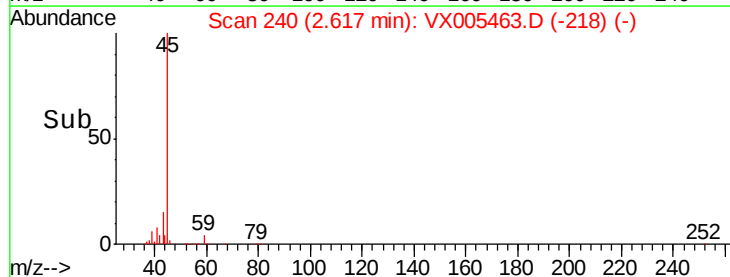
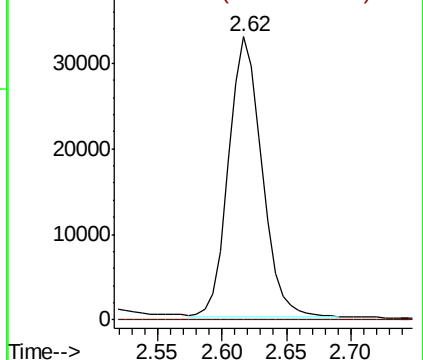
43 100

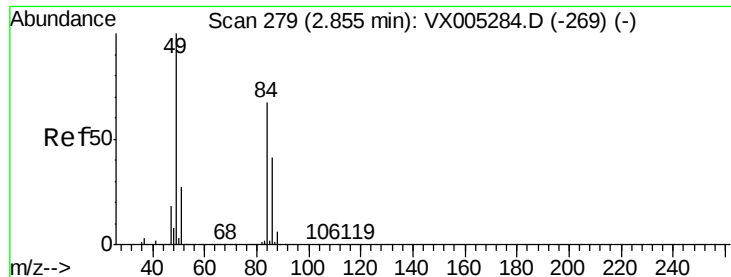
74 0.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

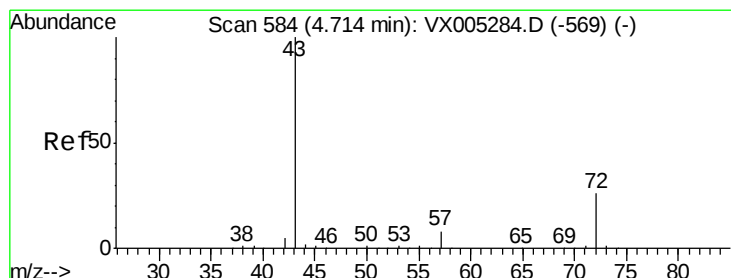
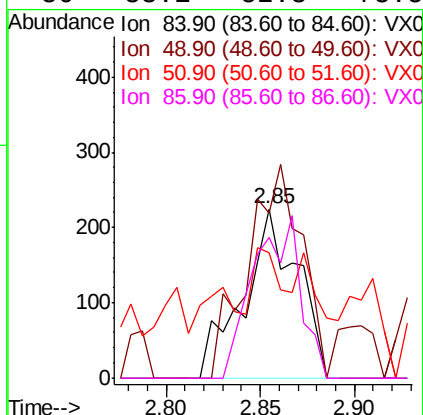
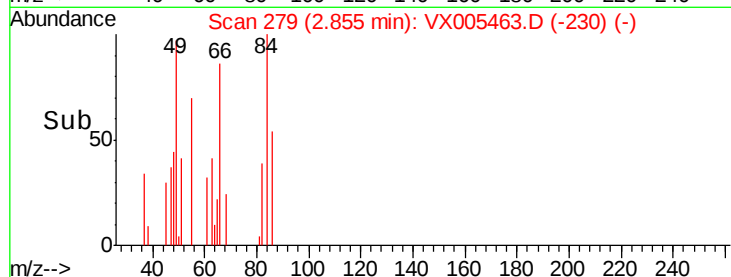
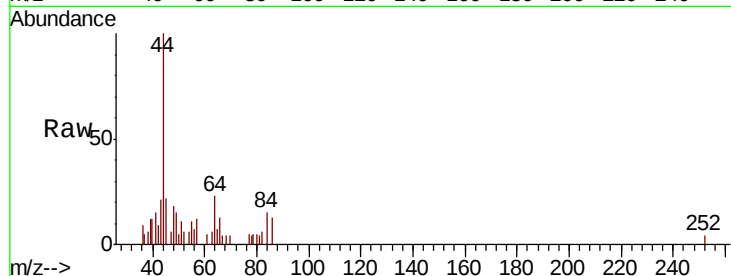




#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005463.D
Acq: 19 Oct 2018 17:27

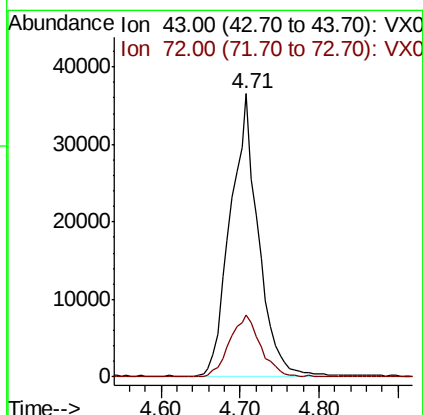
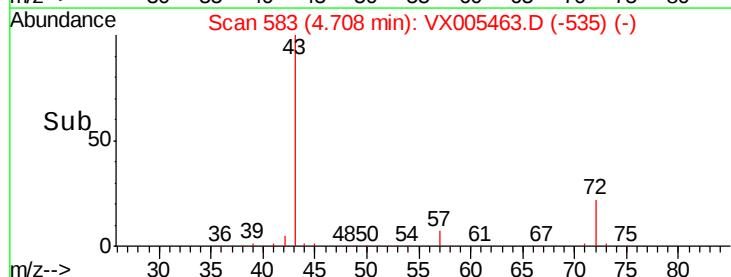
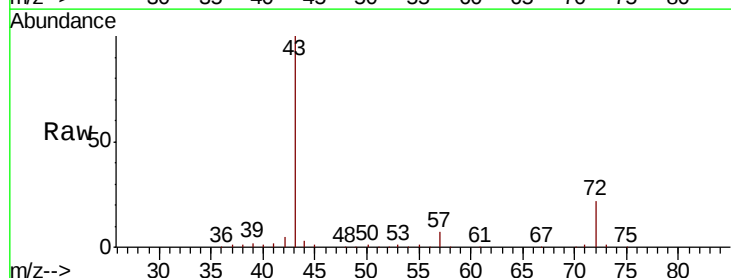
Instrument :
MSVOA_X
ClientSampleId :
MS-VB-25868-BOX-1

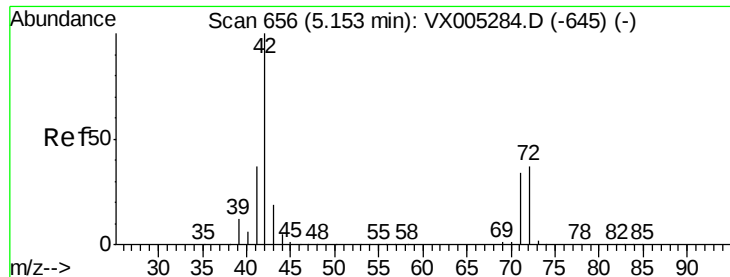
Tot Ion: 84 Resp: 442
Ion Ratio Lower Upper
84 100
49 97.3 101.2 151.8#
51 48.0 29.5 44.3#
86 83.1 52.3 78.5#



#25
2-Butanone
Concen: 36.673 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.01 min
Lab File: VX005463.D
Acq: 19 Oct 2018 17:27

Tgt Ion: 43 Resp: 90106
Ion Ratio Lower Upper
43 100
72 21.9 22.0 33.0#

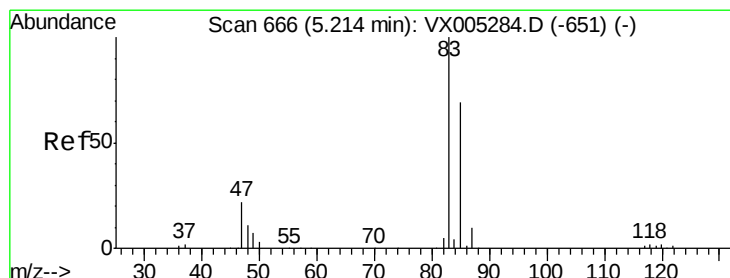
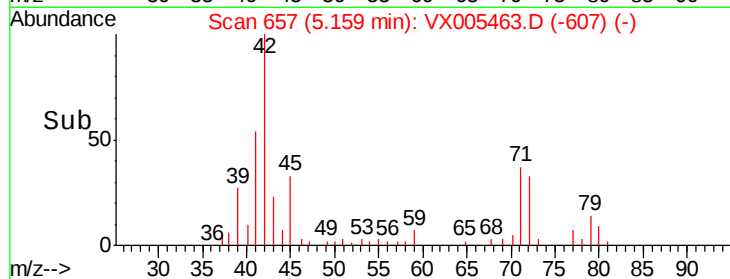
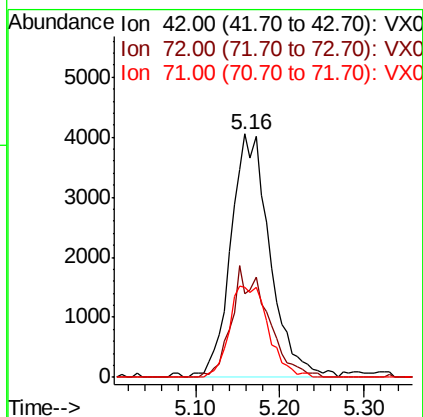
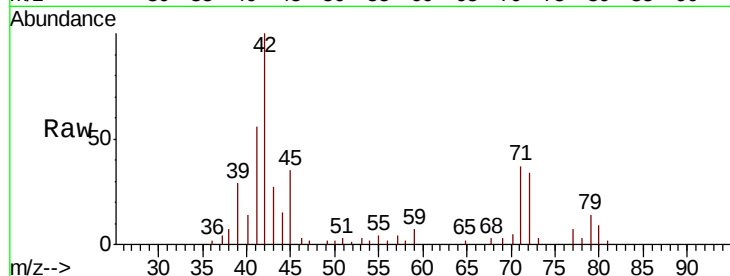




#29
Tetrahydrofuran
Concen: 8.137 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005463.D
Acq: 19 Oct 2018 17:27

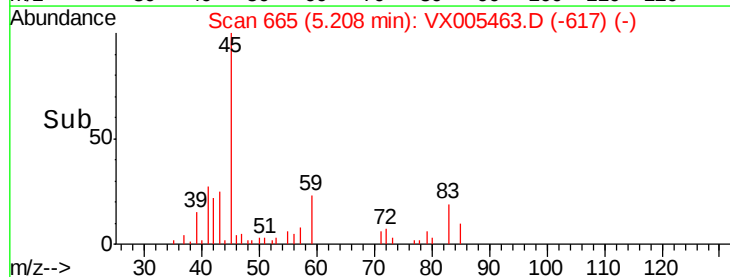
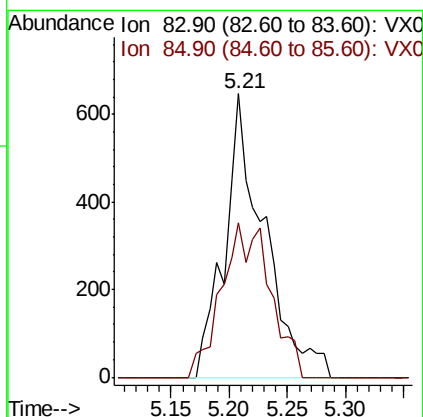
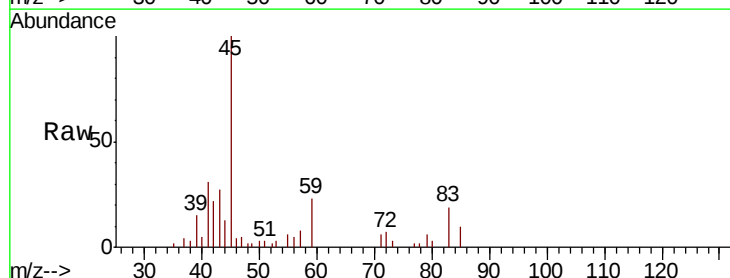
Instrument :
MSVOA_X
ClientSampleId :
MS-VB-25868-BOX-1

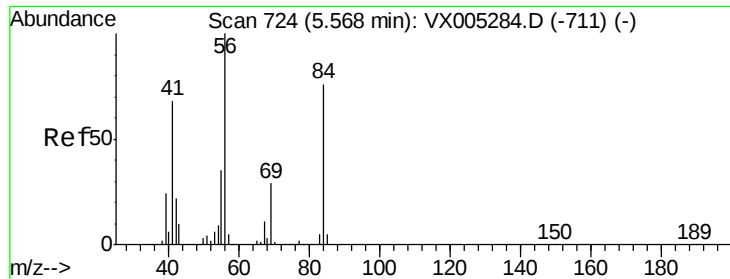
Tot Ion: 42 Resp: 12753
Ion Ratio Lower Upper
42 100
72 41.7 37.4 56.0
71 37.2 34.5 51.7



#30
Chloroform
Concen: 0.340 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX005463.D
Acq: 19 Oct 2018 17:27

Tgt Ion: 83 Resp: 1529
Ion Ratio Lower Upper
83 100
85 54.6 52.6 79.0

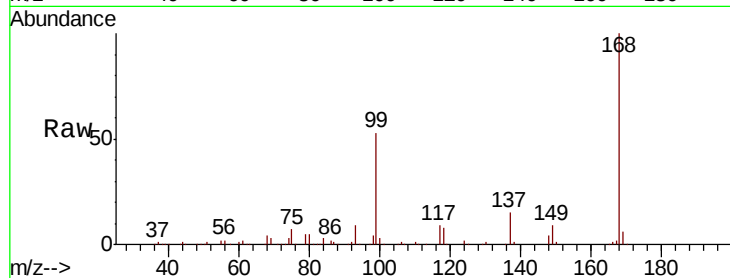




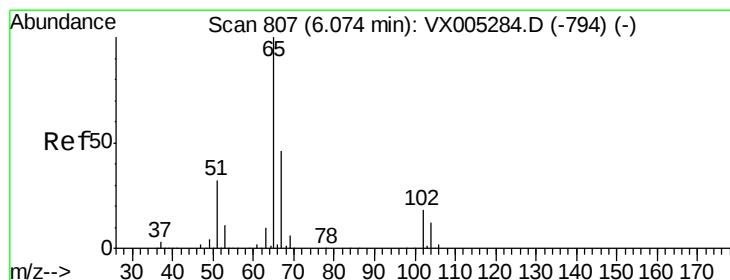
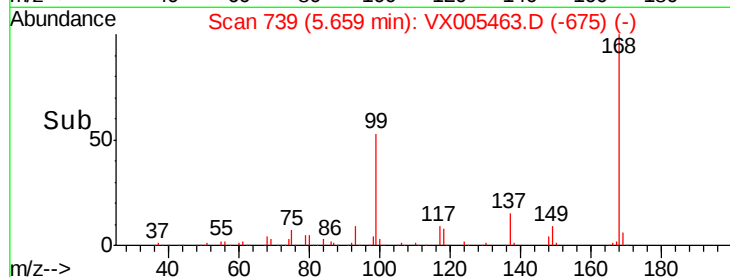
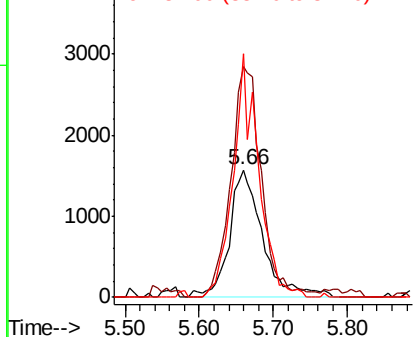
#31
Cyclohexane
Concen: 1.233 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005463.D
Acq: 19 Oct 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-25868-BOX-1

Tot Ion: 56 Resp: 4922
Ion Ratio Lower Upper
56 100
69 181.0 25.4 38.2#
84 191.2 71.4 107.2#

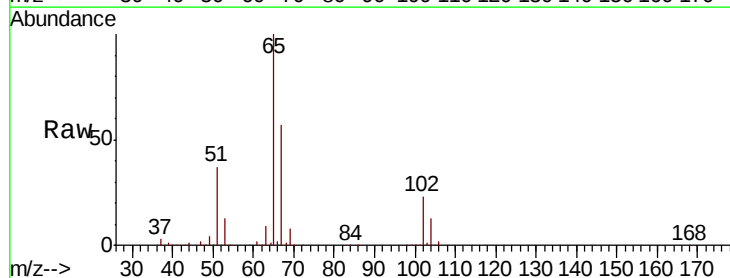


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

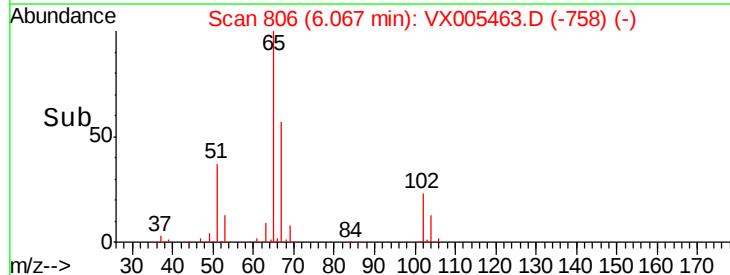
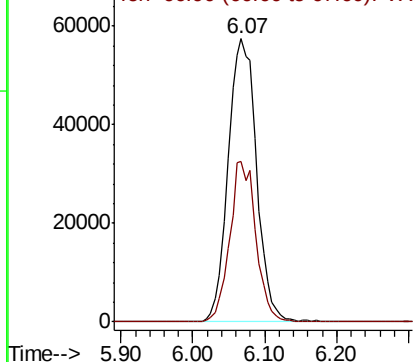


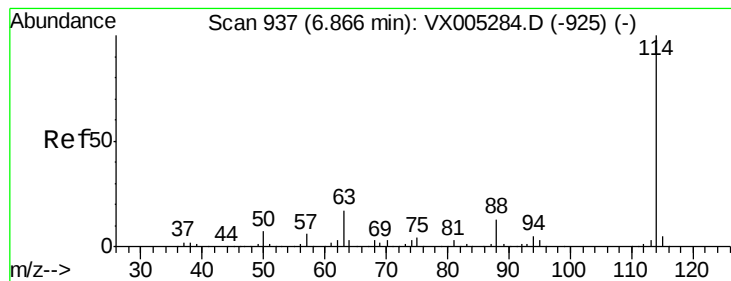
#33
1,2-Dichloroethane-d4
Concen: 54.073 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005463.D
Acq: 19 Oct 2018 17:27

Tgt Ion: 65 Resp: 157052
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. -0.00 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

MS-VB-25868-BOX-1

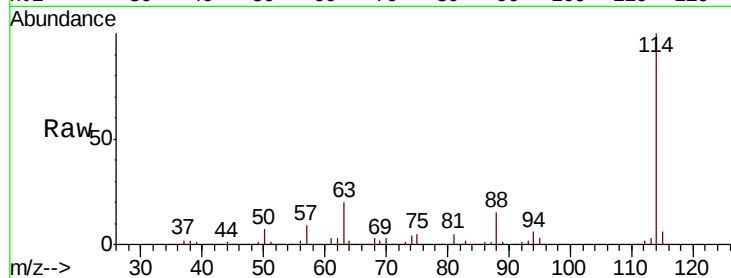
Tot Ion:114 Resp: 373355

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.0

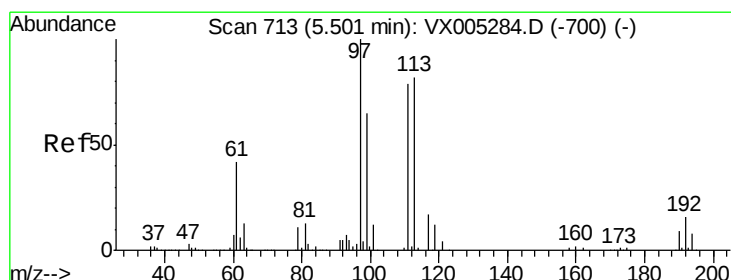
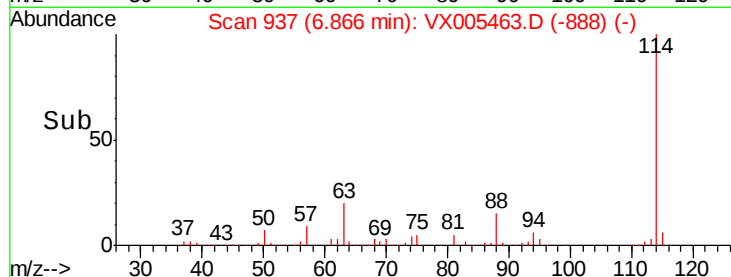
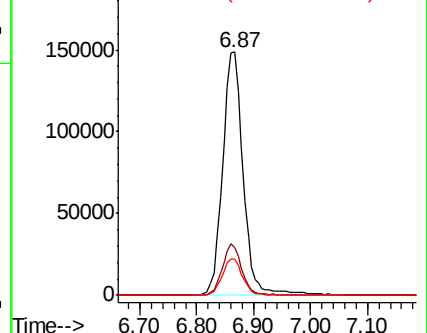
88 14.7 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.477 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

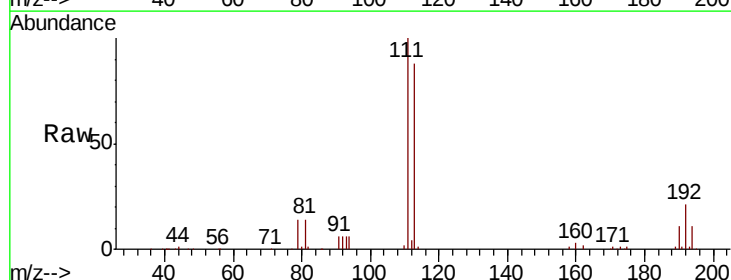
Tgt Ion:113 Resp: 122349

Ion Ratio Lower Upper

113 100

111 100.8 82.4 123.6

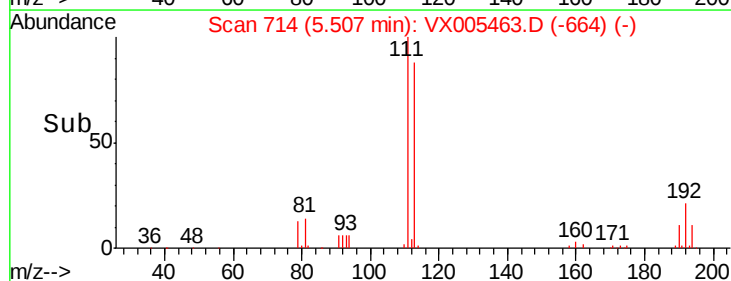
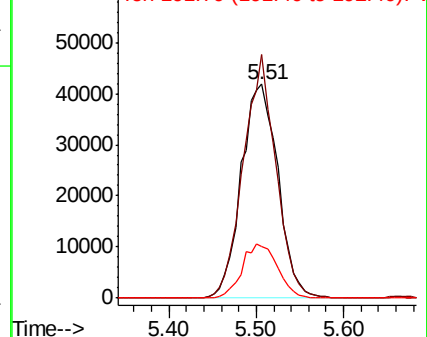
192 24.5 19.4 29.2

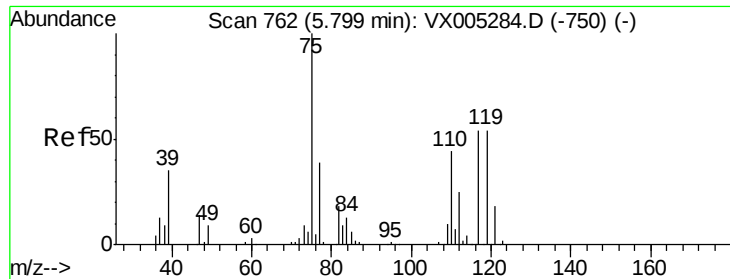


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.825 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

MS-VB-25868-BOX-1

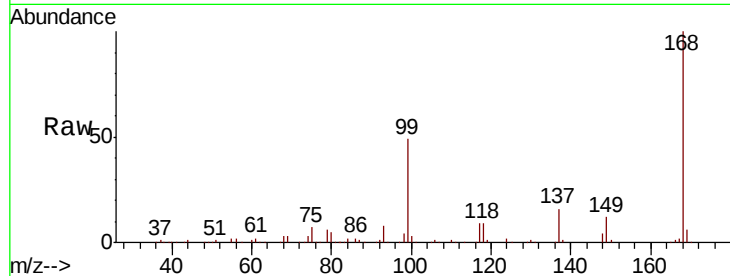
Tot Ion: 75 Resp: 17448

Ion Ratio Lower Upper

75 100

110 8.9 18.0 54.0#

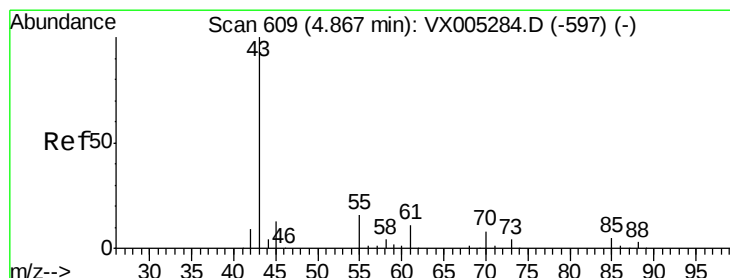
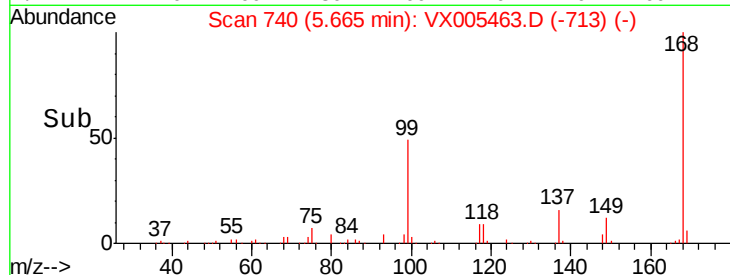
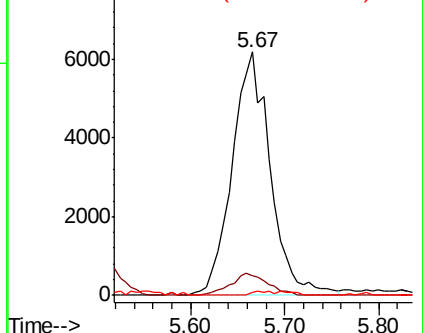
77 1.5 24.6 36.8#



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



#37

Ethyl Acetate

Concen: 19.377 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.16 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

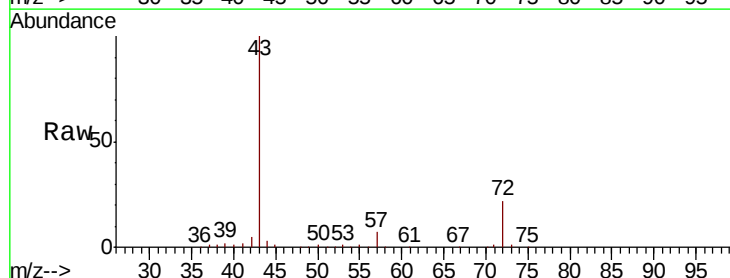
Tgt Ion: 43 Resp: 90106

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

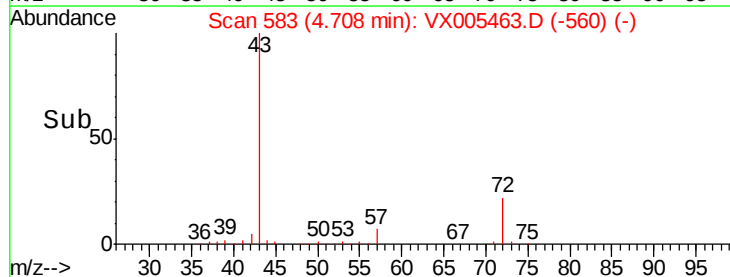
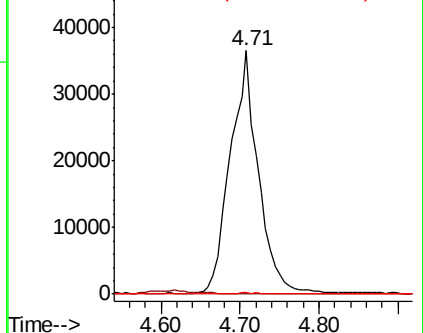
70 0.6 9.0 13.6#

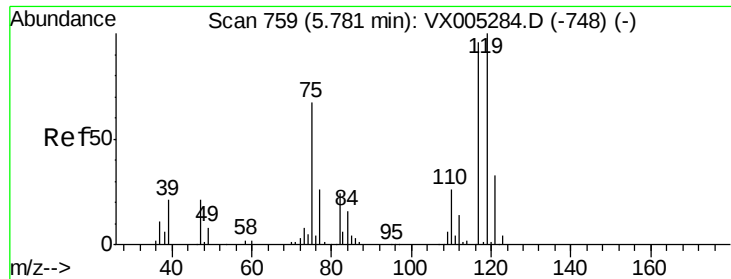


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 6.209 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

MS-VB-25868-BOX-1

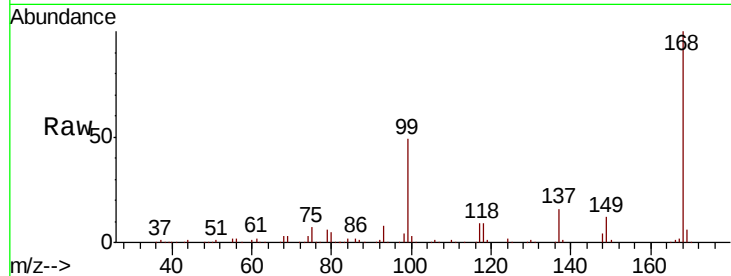
Tot Ion:117 Resp: 22559

Ion Ratio Lower Upper

117 100

119 6.9 78.8 118.2#

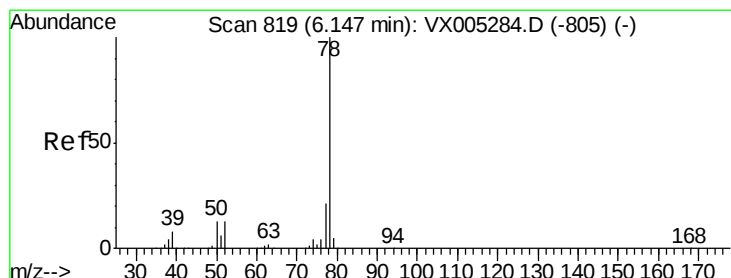
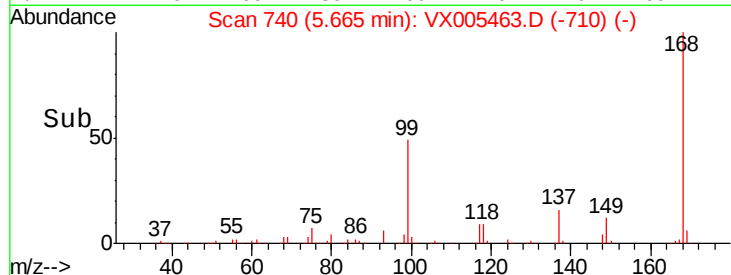
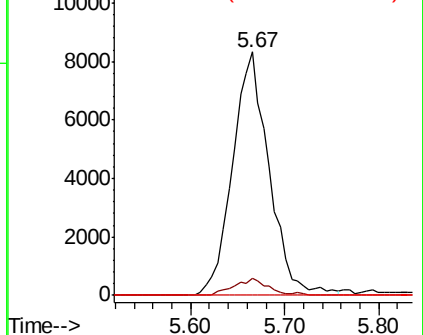
121 0.0 24.9 37.3#



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



#40

Benzene

Concen: 7.291 ug/l

RT: 6.13 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX005463.D

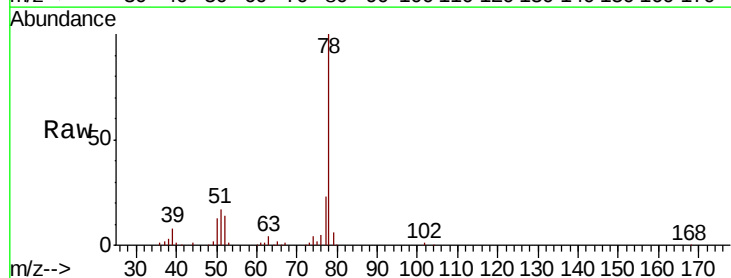
Acq: 19 Oct 2018 17:27

Tgt Ion: 78 Resp: 79083

Ion Ratio Lower Upper

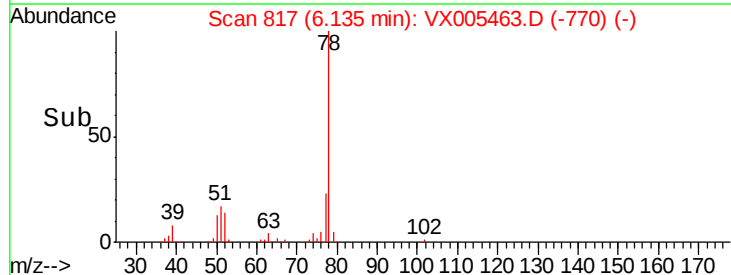
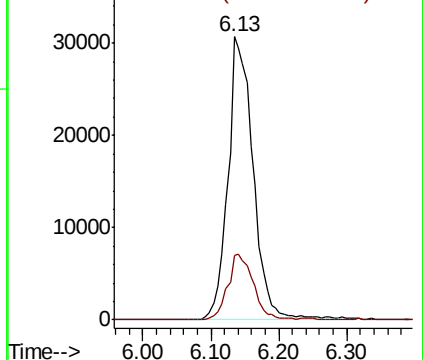
78 100

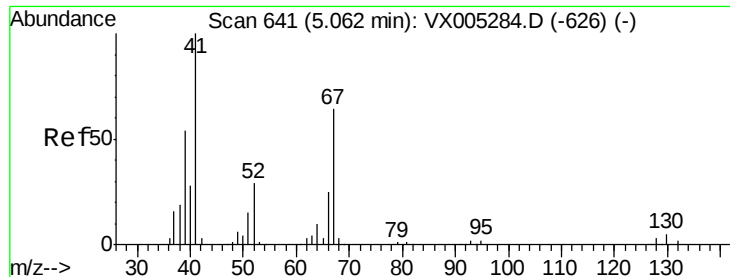
77 22.6 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 4.081 ug/l

RT: 5.18 min Scan# 660

Delta R.T. 0.12 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

MS-VB-25868-BOX-1

Tot Ion: 41 Resp: 10173

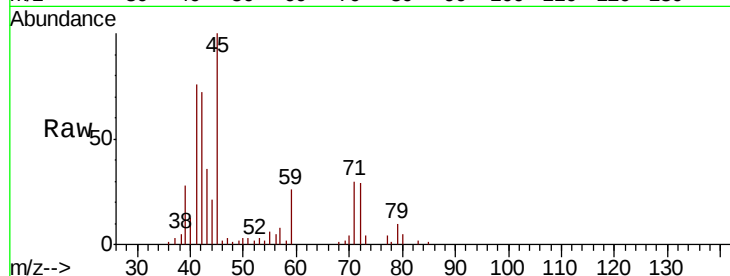
Ion Ratio Lower Upper

41 100

39 60.8 42.4 63.6

67 0.0 59.2 88.8#

52 2.3 23.0 34.4#

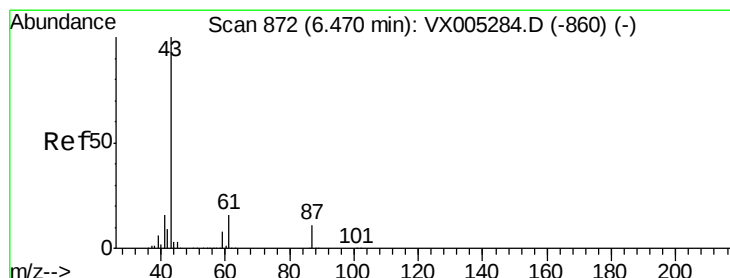
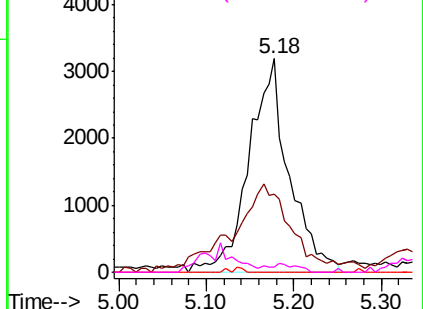
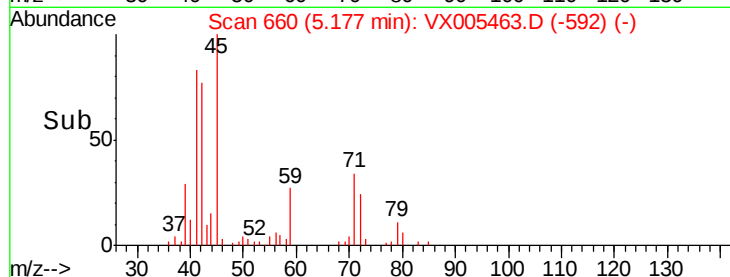


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#43

Isopropyl Acetate

Concen: 0.206 ug/l

RT: 6.38 min Scan# 858

Delta R.T. -0.09 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

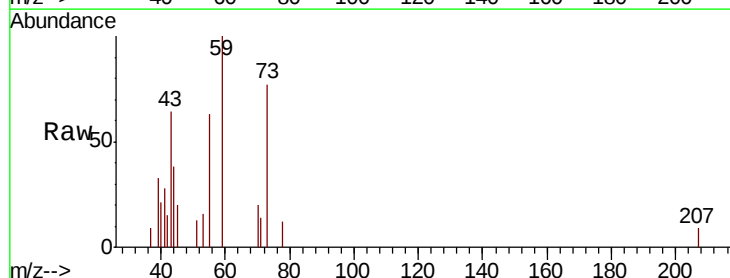
Tgt Ion: 43 Resp: 1279

Ion Ratio Lower Upper

43 100

61 0.0 17.0 25.4#

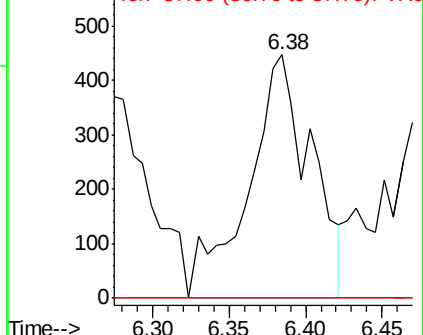
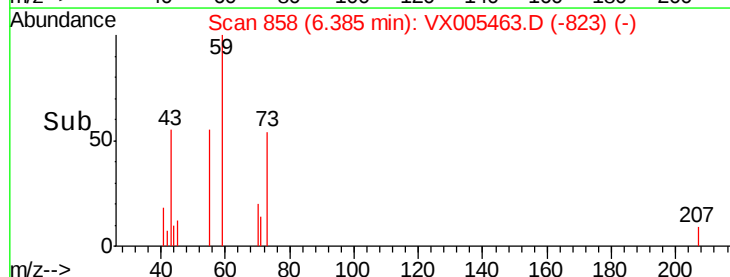
87 0.0 11.4 17.2#

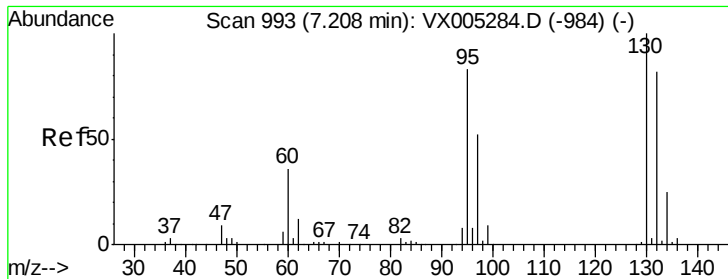


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

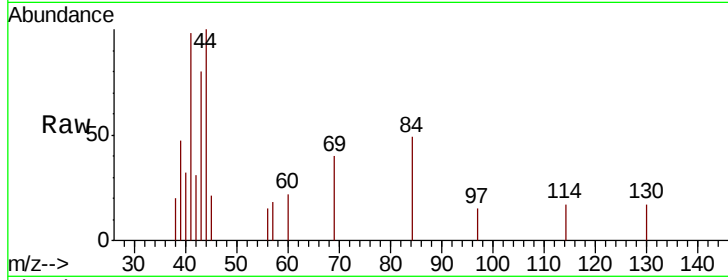




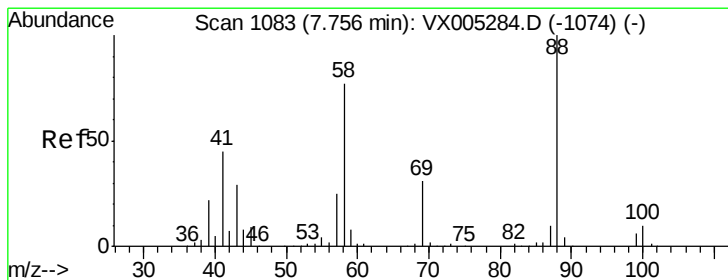
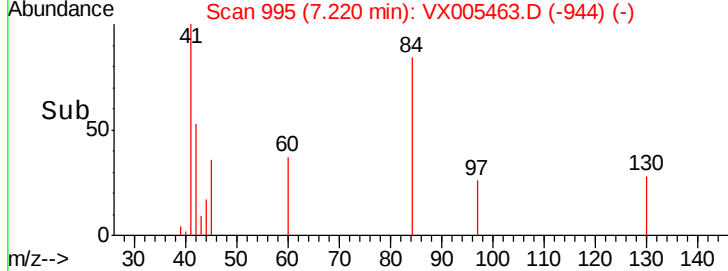
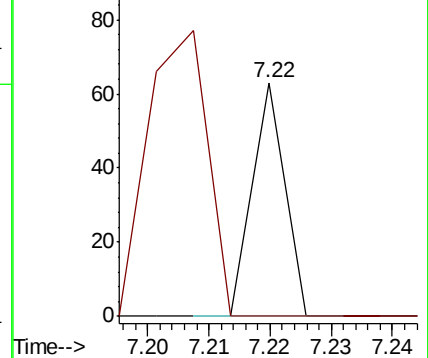
#44
 Trichloroethene
 Concen: Below Cal
 RT: 7.22 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: VX005463.D
 Acq: 19 Oct 2018 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 MS-VB-25868-BOX-1

Tot Ion:130 Resp: 23
 Ion Ratio Lower Upper
 130 100
 95 0.0 0.0 181.6

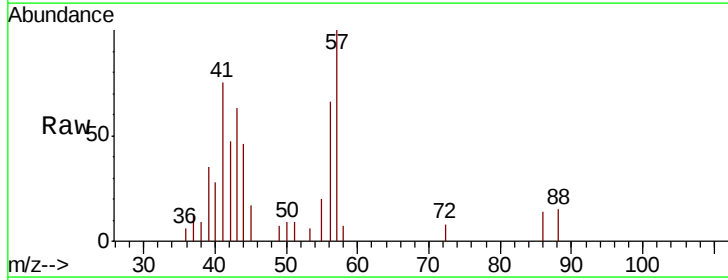


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

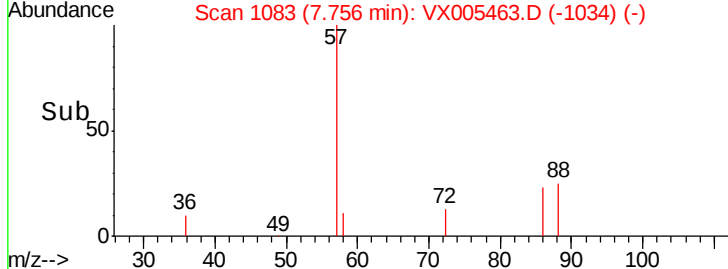
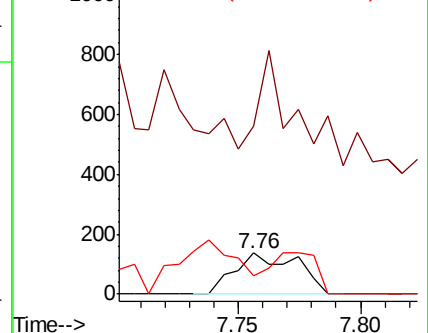


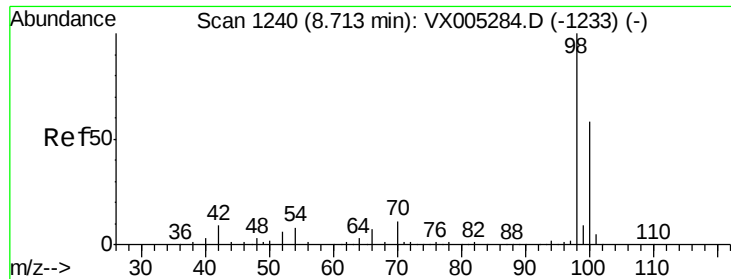
#49
 1,4-Dioxane
 Concen: 3.266 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX005463.D
 Acq: 19 Oct 2018 17:27

Tgt Ion: 88 Resp: 242
 Ion Ratio Lower Upper
 88 100
 43 0.0 24.7 37.1#
 58 75.2 55.3 82.9



Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 53.274 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

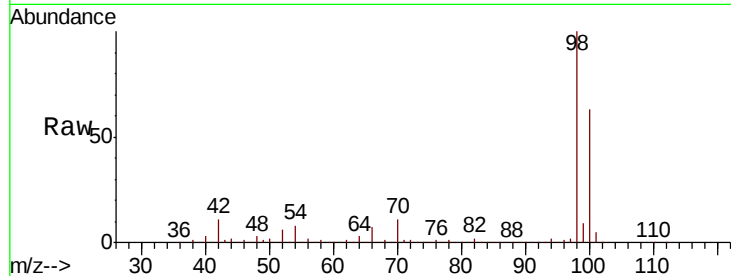
MS-VB-25868-BOX-1

Tot Ion: 98 Resp: 452265

Ion Ratio Lower Upper

98 100

100 63.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

250000

200000

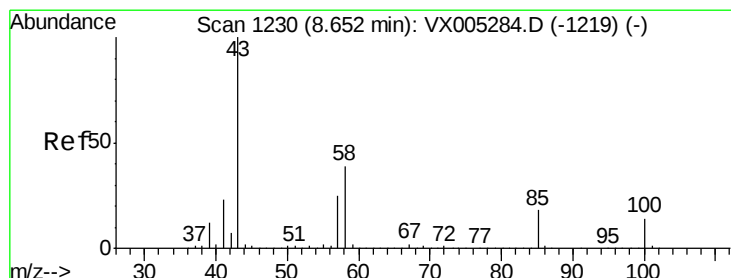
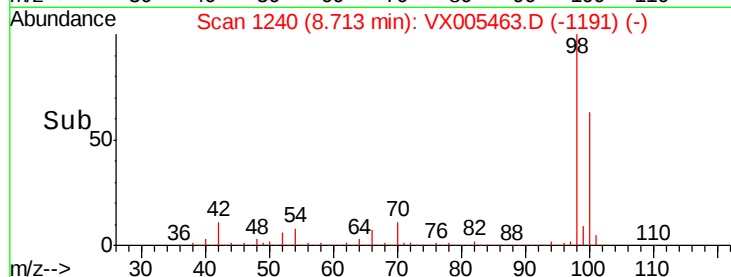
150000

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 3.608 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005463.D

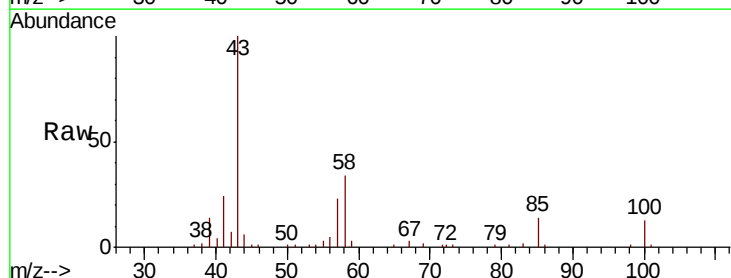
Acq: 19 Oct 2018 17:27

Tgt Ion: 43 Resp: 15474

Ion Ratio Lower Upper

43 100

58 38.8 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

10000

8000

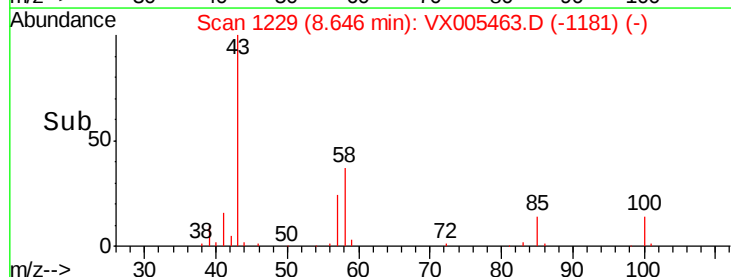
6000

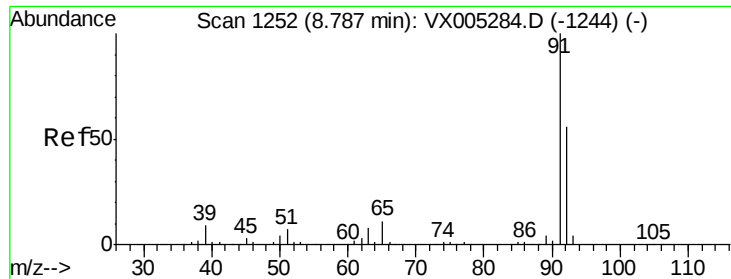
4000

2000

0

Time-->





#52

Toluene

Concen: 3.167 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

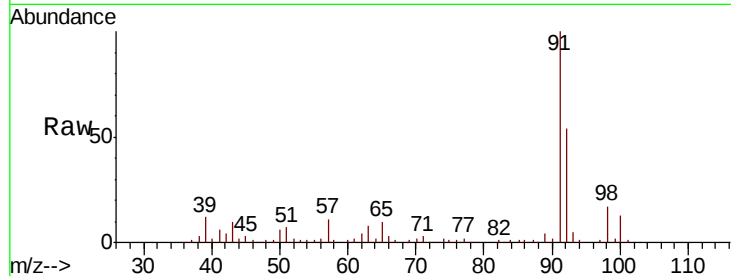
MS-VB-25868-BOX-1

Tot Ion: 92 Resp: 18794

Ion Ratio Lower Upper

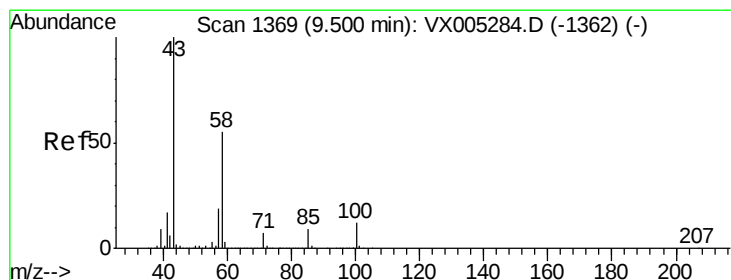
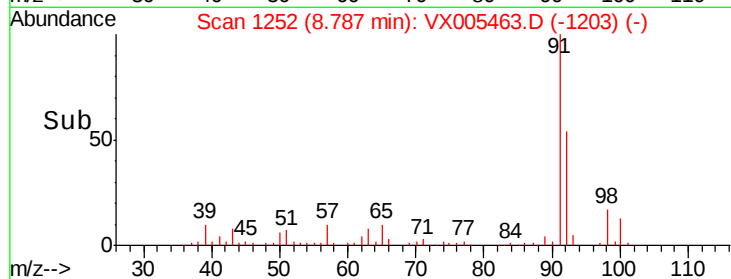
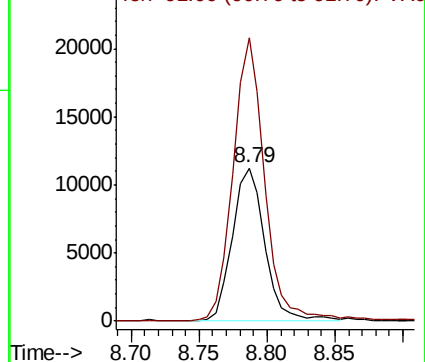
92 100

91 180.4 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#59

2-Hexanone

Concen: 5.147 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VX005463.D

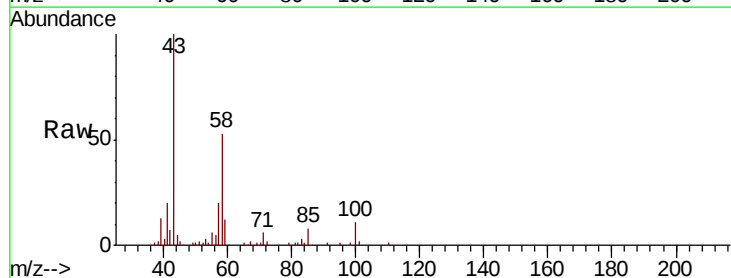
Acq: 19 Oct 2018 17:27

Tgt Ion: 43 Resp: 17757

Ion Ratio Lower Upper

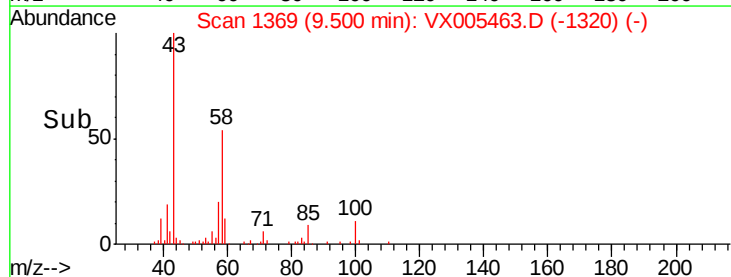
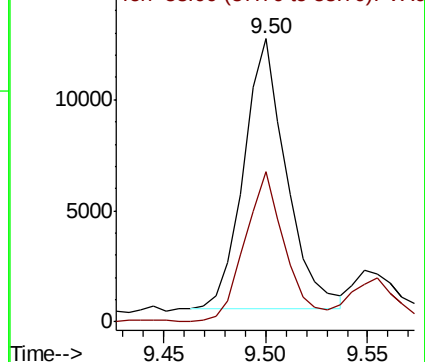
43 100

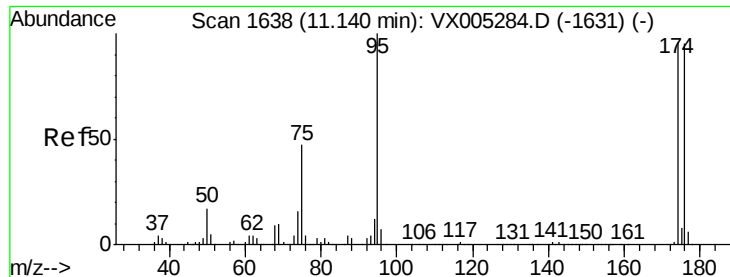
58 52.6 29.0 87.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 51.389 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

MS-VB-25868-BOX-1

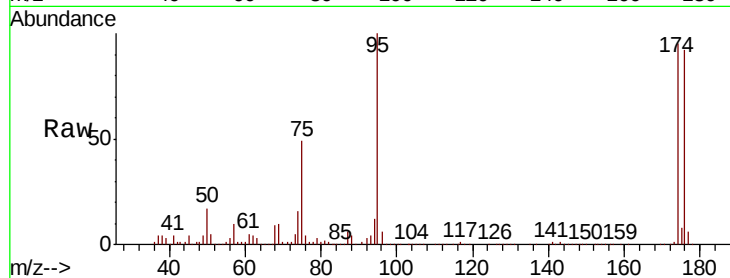
Tot Ion: 95 Resp: 163888

Ion Ratio Lower Upper

95 100

174 94.2 0.0 185.2

176 91.5 0.0 178.6

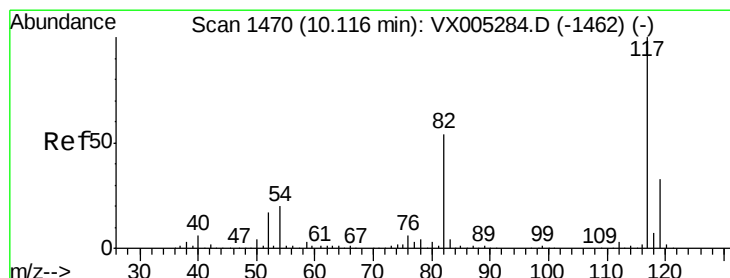
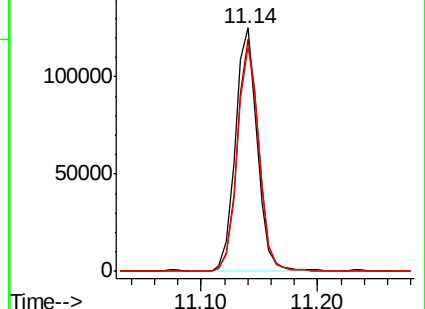
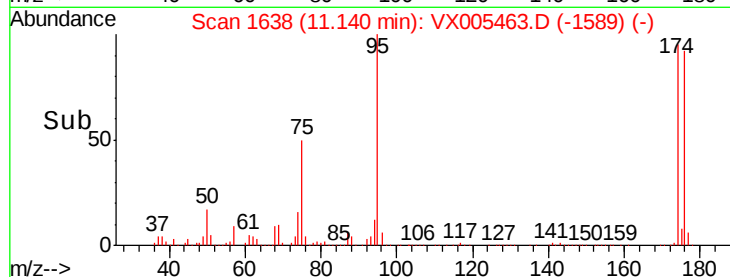


Abundance Ion 94.90 (94.60 to 95.60): VX005463.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005463.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005463.D (-1589) (-)

11.14



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

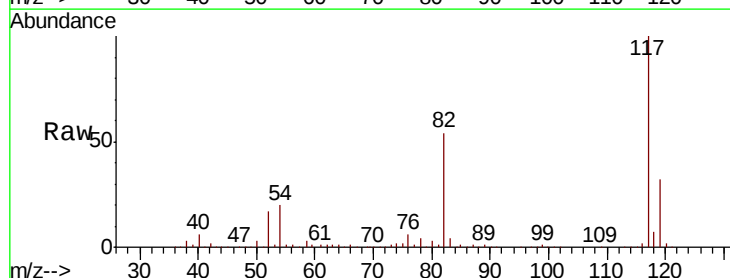
Tgt Ion: 117 Resp: 338667

Ion Ratio Lower Upper

117 100

82 53.9 47.8 71.6

119 32.3 29.3 43.9

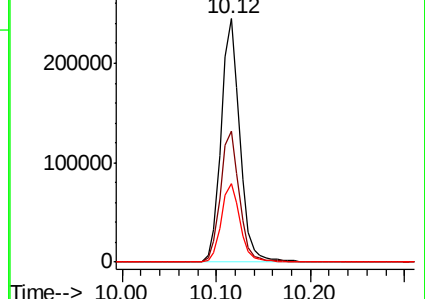
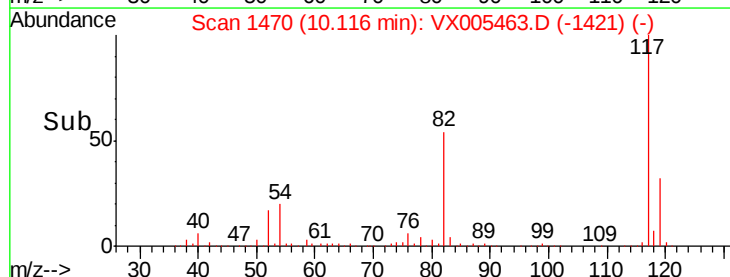


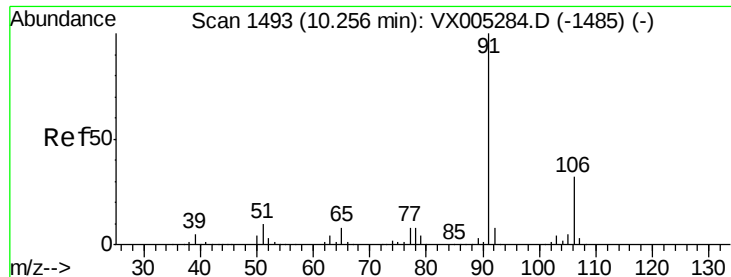
Abundance Ion 116.90 (116.60 to 117.60): VX005463.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005463.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005463.D (-1421) (-)

10.12

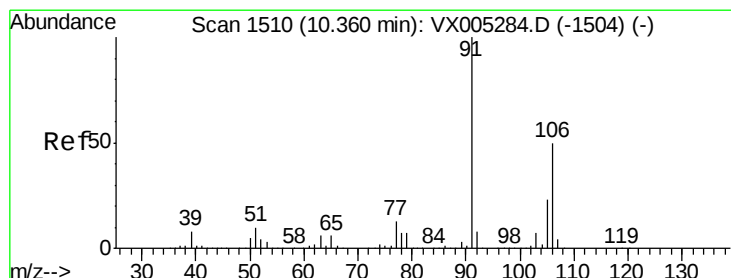
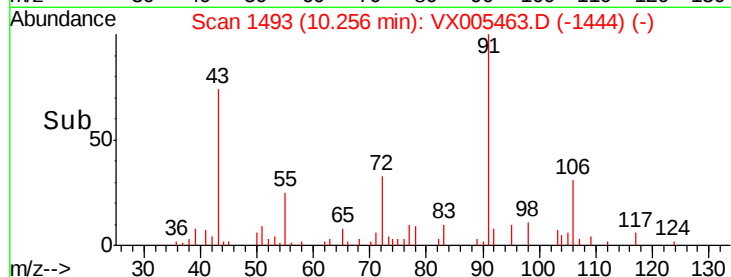
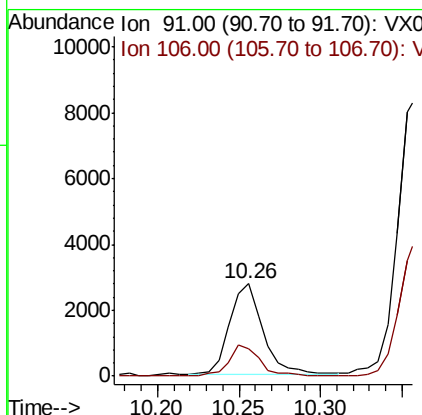
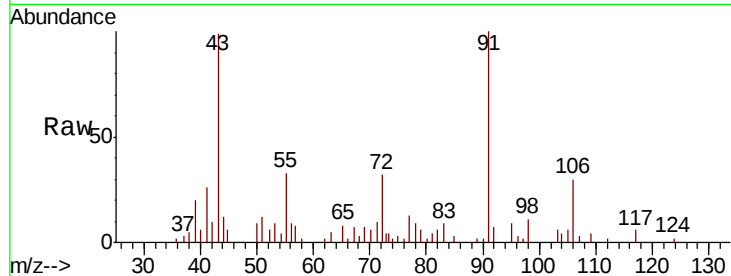




#67
Ethyl Benzene
Concen: 0.334 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005463.D
Acq: 19 Oct 2018 17:27

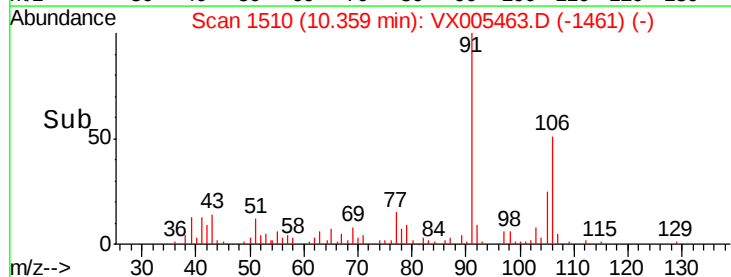
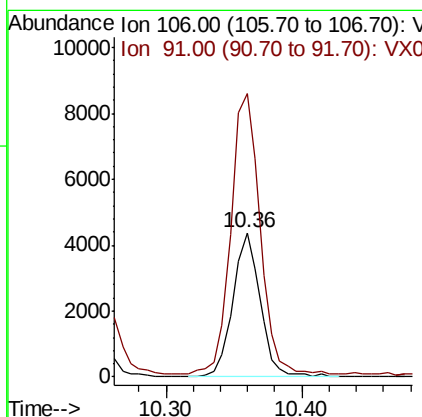
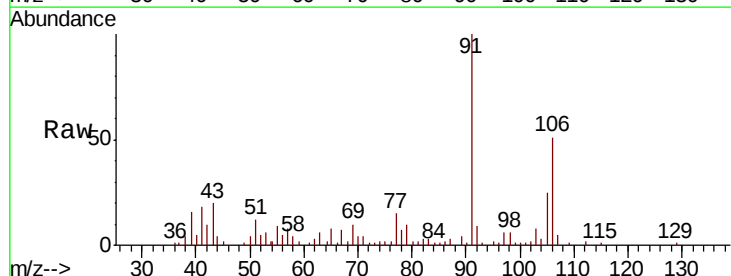
Instrument :
MSVOA_X
ClientSampleId :
MS-VB-25868-BOX-1

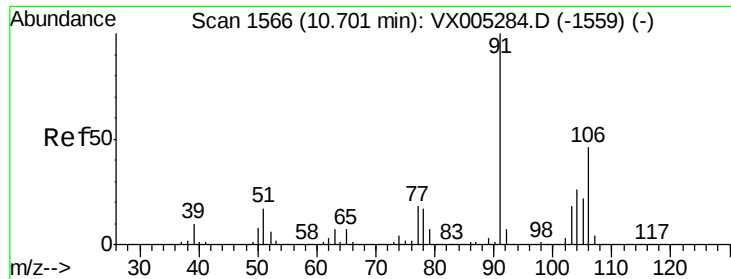
Tot Ion: 91 Resp: 3908
Ion Ratio Lower Upper
91 100
106 30.9 25.9 38.9



#68
m/p-Xylenes
Concen: 1.343 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005463.D
Acq: 19 Oct 2018 17:27

Tgt Ion: 106 Resp: 6104
Ion Ratio Lower Upper
106 100
91 207.9 157.1 235.7

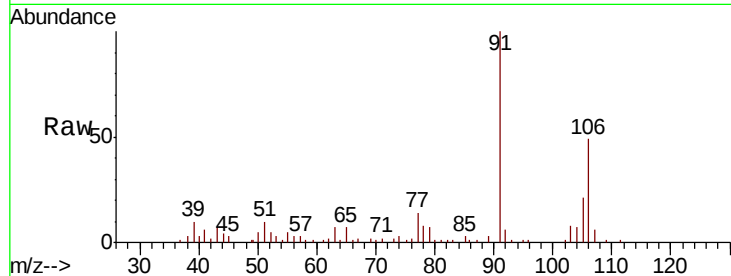




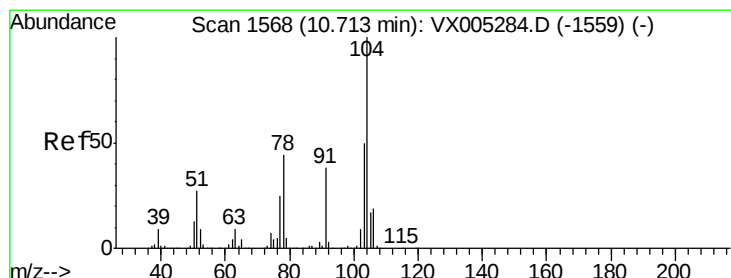
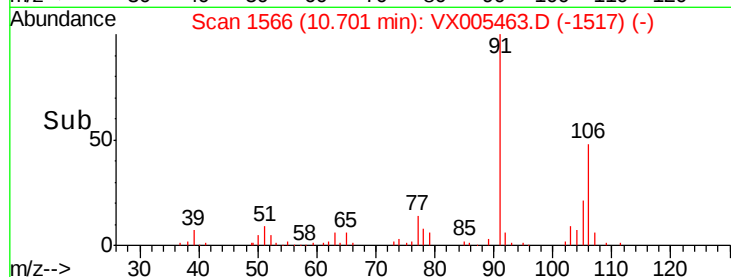
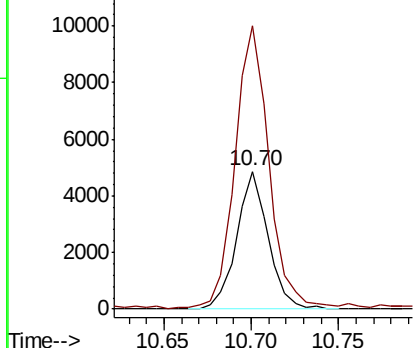
#69
o-Xylene
Concen: 1.390 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005463.D
Acq: 19 Oct 2018 17:27

Instrument :
MSVOA_X
ClientSampleId :
MS-VB-25868-BOX-1

Tot Ion:106 Resp: 6095
Ion Ratio Lower Upper
106 100
91 222.0 105.1 315.1

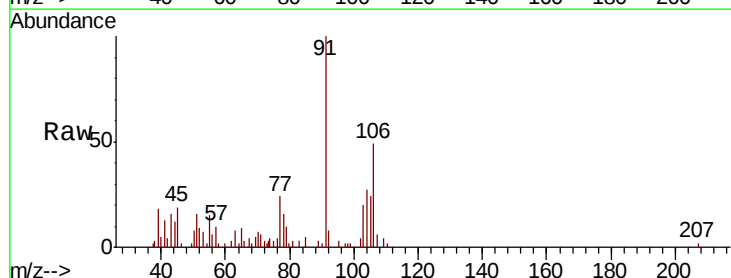


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

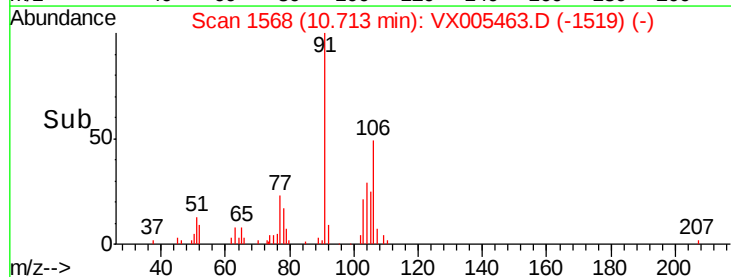
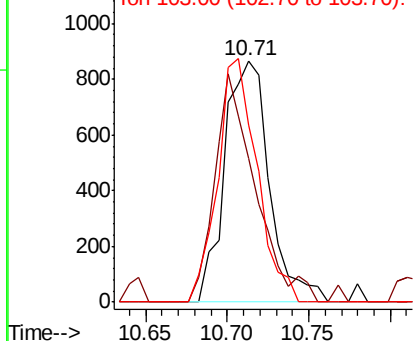


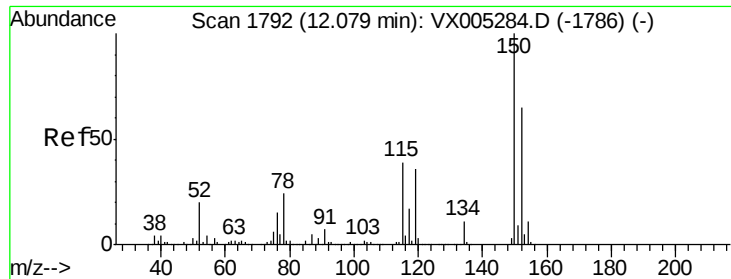
#70
Styrene
Concen: 0.230 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005463.D
Acq: 19 Oct 2018 17:27

Tgt Ion:104 Resp: 1660
Ion Ratio Lower Upper
104 100
78 86.0 37.4 56.0#
103 88.6 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: VX005463.D

Acq: 19 Oct 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

MS-VB-25868-BOX-1

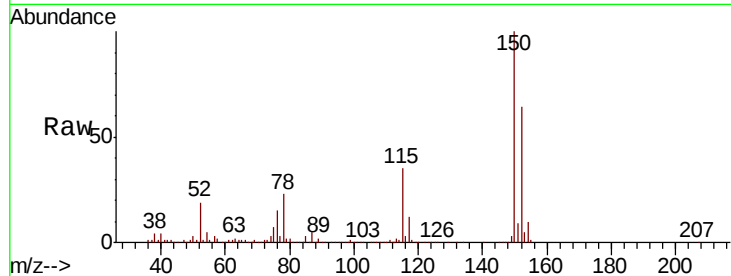
Tot Ion:152 Resp: 173680

Ion Ratio Lower Upper

152 100

115 55.2 39.0 117.0

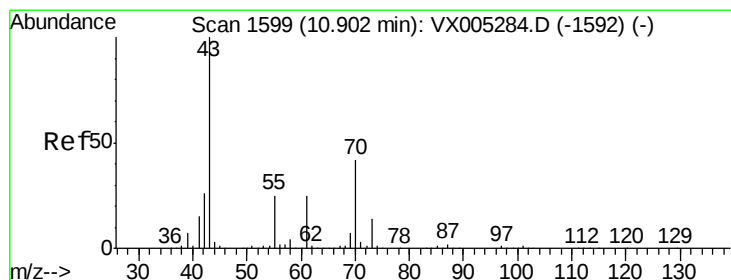
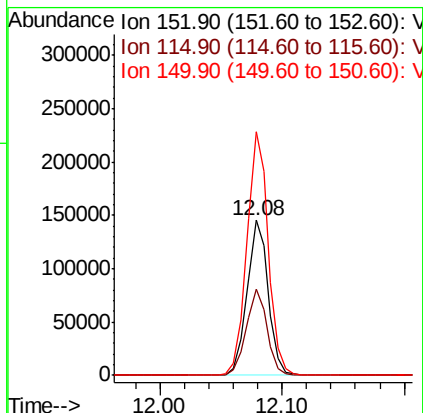
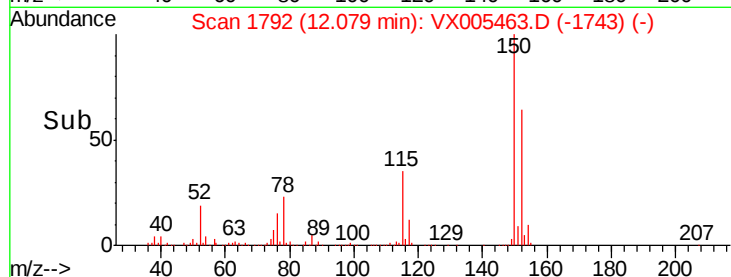
150 158.4 0.0 351.0



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



#74

N-ethyl acetate

Concen: 3.252 ug/l

RT: 10.94 min Scan# 1606

Delta R.T. 0.04 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

Tgt Ion: 43 Resp: 16194

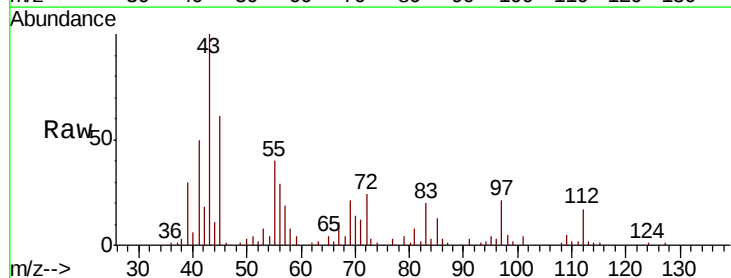
Ion Ratio Lower Upper

43 100

70 18.7 37.4 56.0#

55 48.1 21.8 32.8#

61 0.0 20.6 30.8#

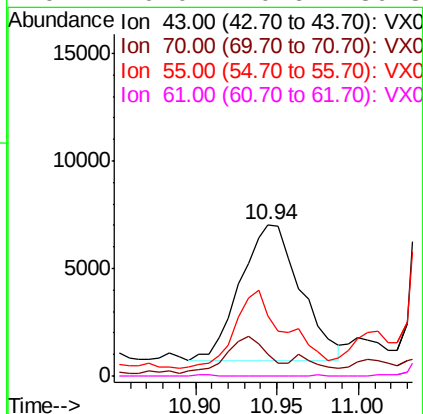
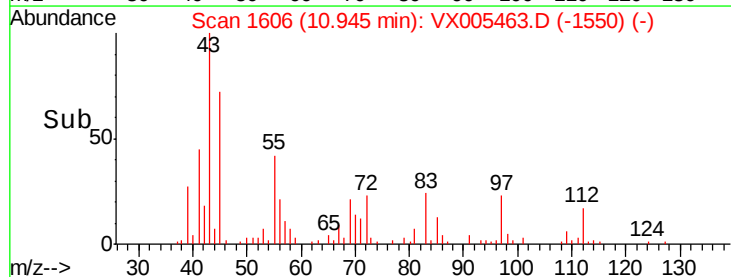


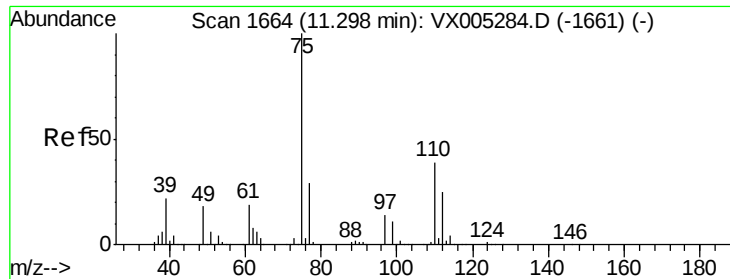
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

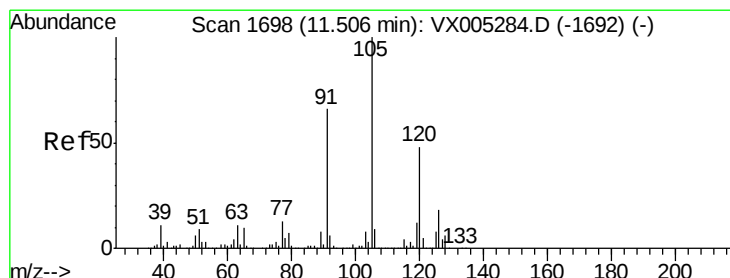
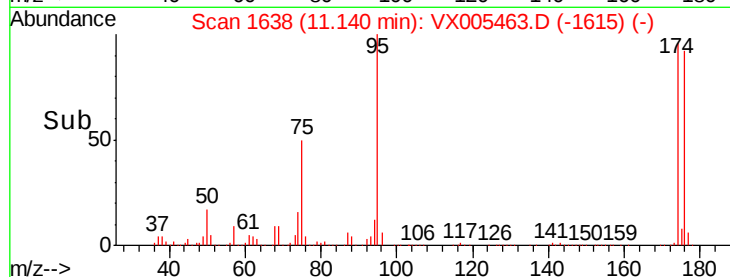
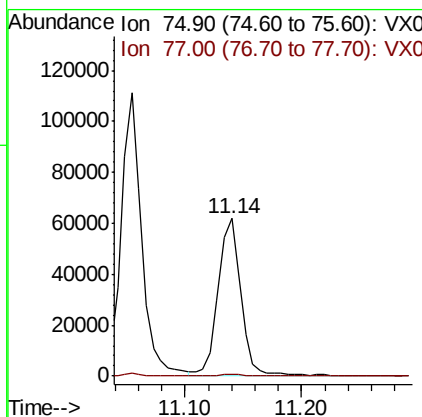
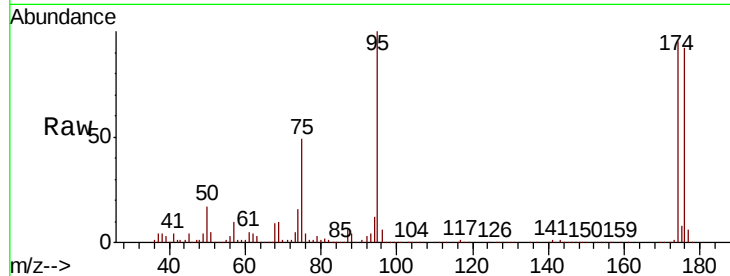




#76
 1,2,3-Trichloropropane
 Concen: 24.592 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX005463.D
 Acq: 19 Oct 2018 17:27

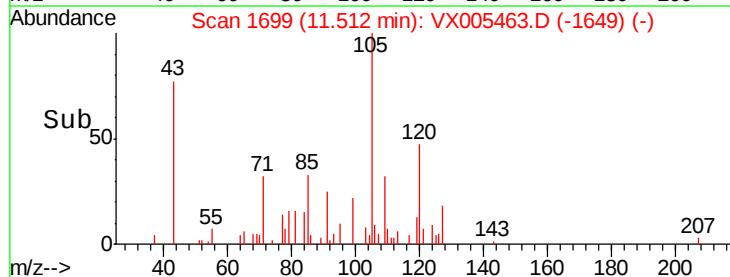
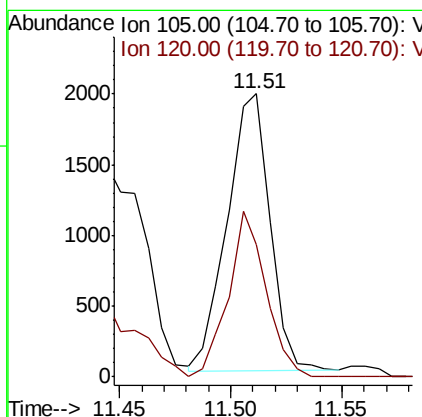
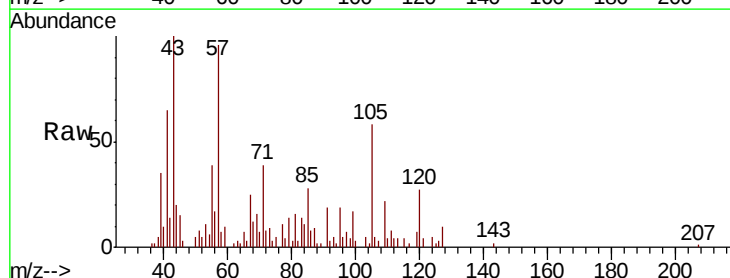
Instrument :
 MSVOA_X
 ClientSampleId :
 MS-VB-25868-BOX-1

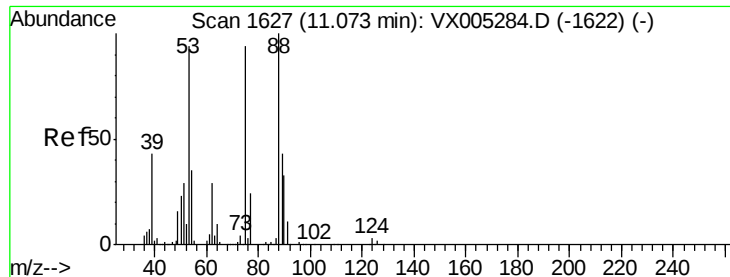
Tot Ion: 75 Resp: 82848
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.2 60.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.297 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX005463.D
 Acq: 19 Oct 2018 17:27

Tgt Ion: 105 Resp: 2623
 Ion Ratio Lower Upper
 105 100
 120 52.6 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 122.192 ug/l

RT: 11.05 min Scan# 1624

Delta R.T. -0.02 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

MS-VB-25868-BOX-1

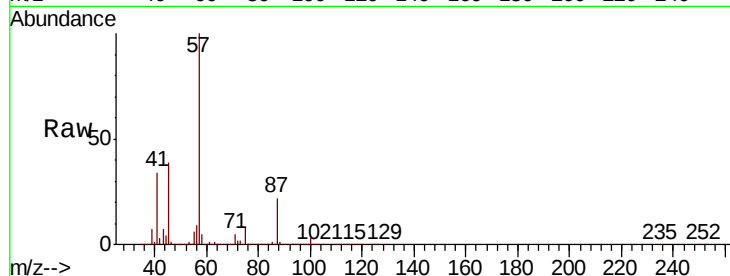
Tot Ion: 75 Resp: 135480

Ion Ratio Lower Upper

75 100

53 12.8 80.1 120.1#

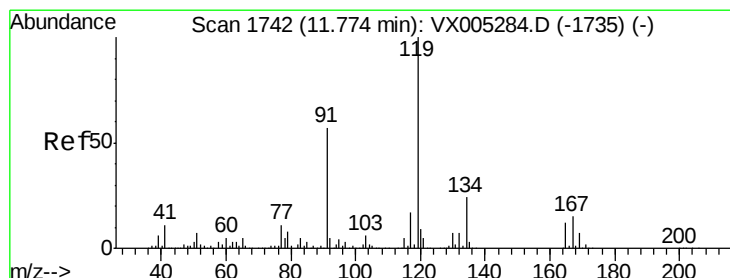
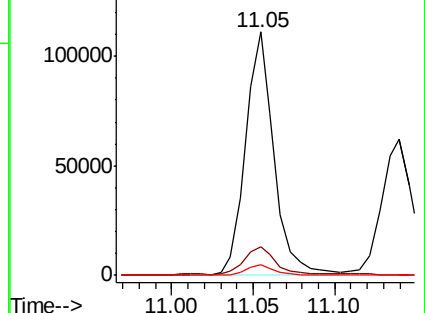
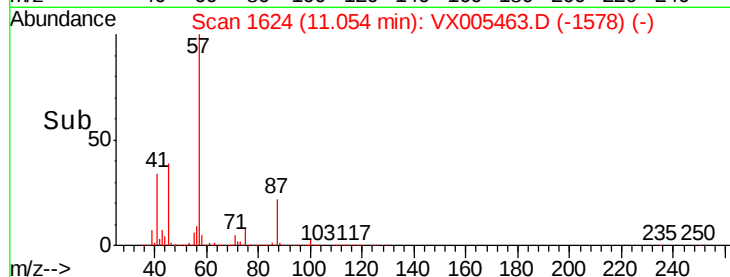
89 4.6 37.2 55.8#



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



#83

tert-Butylbenzene

Concen: 1.042 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

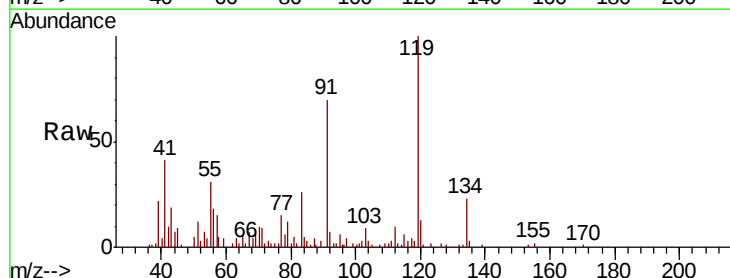
Tgt Ion: 119 Resp: 9325

Ion Ratio Lower Upper

119 100

91 64.2 27.0 81.0

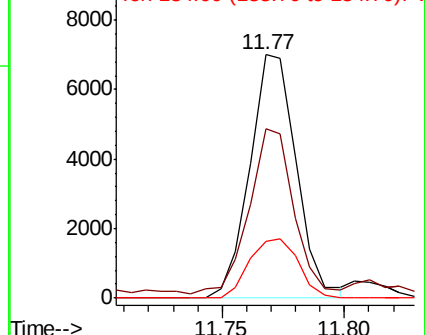
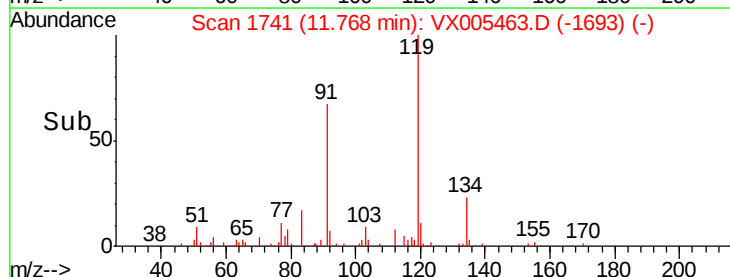
134 25.3 11.7 35.1

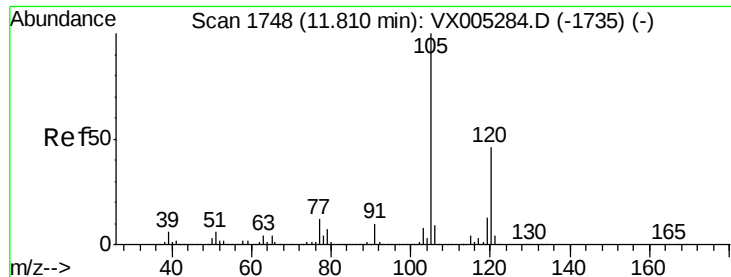


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

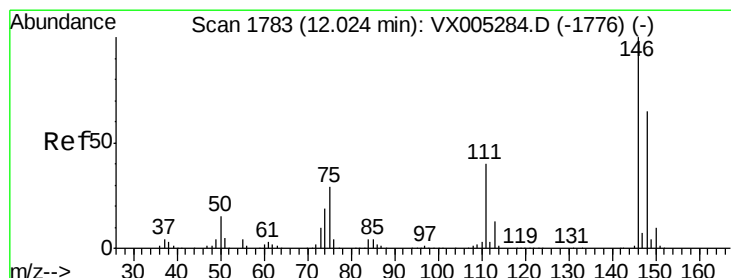
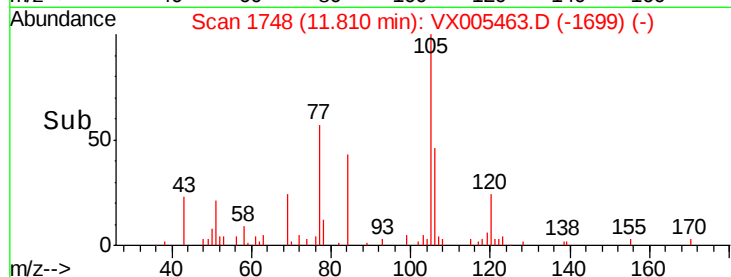
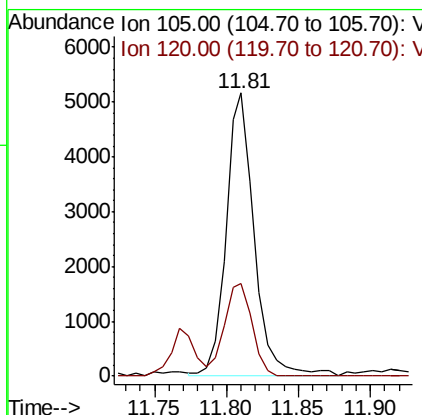
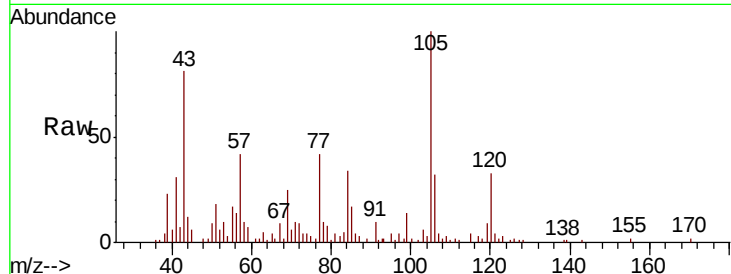




#84
 1,2,4-Trimethylbenzene
 Concen: 0.782 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005463.D
 Acq: 19 Oct 2018 17:27

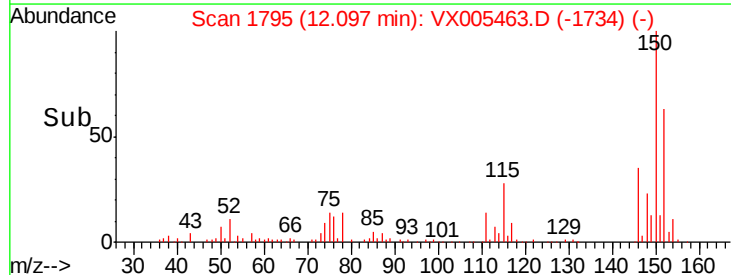
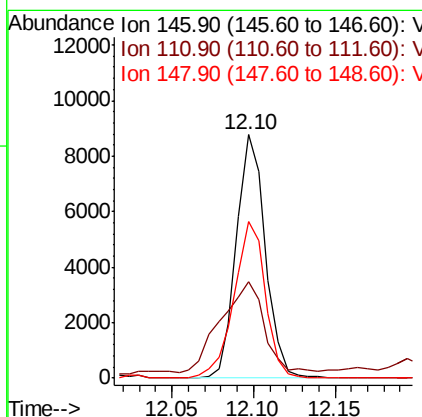
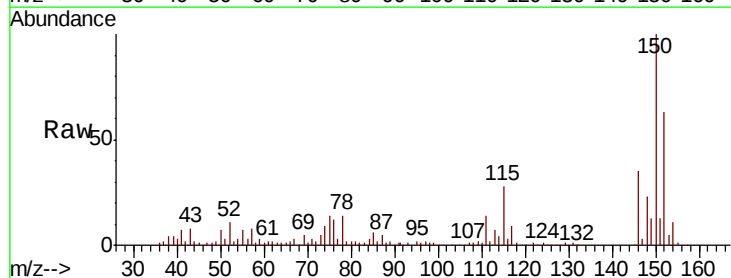
Instrument :
 MSVOA_X
 ClientSampleId :
 MS-VB-25868-BOX-1

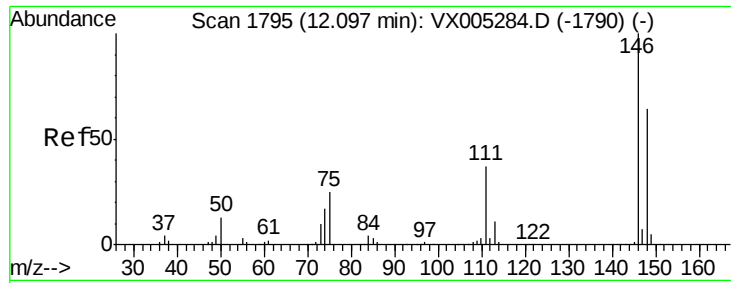
Tot Ion:105 Resp: 7112
 Ion Ratio Lower Upper
 105 100
 120 32.1 23.2 69.6



#87
 1,3-Dichlorobenzene
 Concen: 1.970 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.07 min
 Lab File: VX005463.D
 Acq: 19 Oct 2018 17:27

Tgt Ion:146 Resp: 10869
 Ion Ratio Lower Upper
 146 100
 111 58.5 18.7 56.1#
 148 69.3 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 1.926 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

Instrument :

MSVOA_X

ClientSampleId :

MS-VB-25868-BOX-1

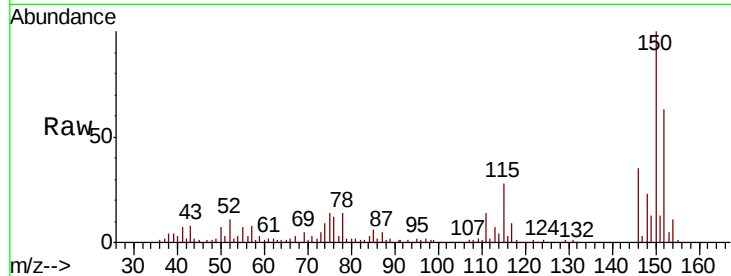
Tot Ion:146 Resp: 10869

Ion Ratio Lower Upper

146 100

111 58.5 18.1 54.1#

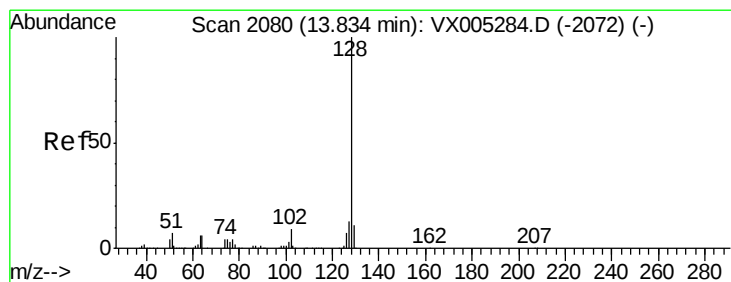
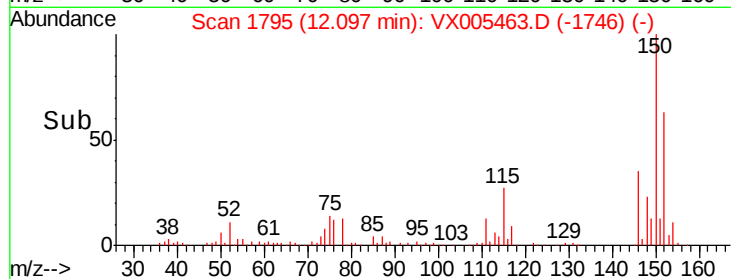
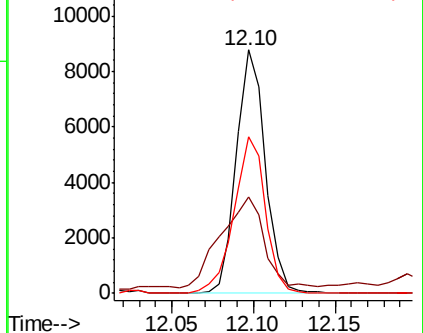
148 69.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#95

Naphthalene

Concen: 1.750 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005463.D

Acq: 19 Oct 2018 17:27

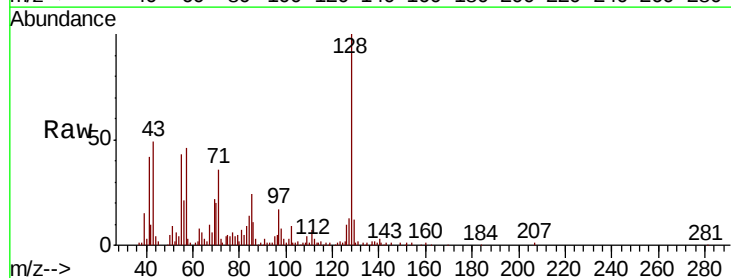
Tgt Ion:128 Resp: 20962

Ion Ratio Lower Upper

128 100

127 17.4 10.2 15.2#

129 14.5 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

