

Data File : VX001581.D

Acq On : 10 May 2018 03:20

Operator : JC/MD

Sample : J2649-04

Misc : 4.85g/5mL/100ul/5mL/MSVOA_X/MEOH

ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-2

Quant Time: May 10 04:35:46 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	241818	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	334416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	163596	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
35) Dibromofluoromethane	5.51	113	120317	40.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.90%	
50) Toluene-d8	8.72	98	462995	42.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.28%	
62) 4-Bromofluorobenzene	11.15	95	158247	37.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.94%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	721	0.23	ug/l	96
5) Bromomethane	1.64	94	1539	Below	Cal	87
10) Methyl Iodide	2.48	142	2472	0.59	ug/l	97
11) Tert butyl alcohol	3.03	59	7122	9.72	ug/l #	82
13) Acrolein	2.30	56	124	Below	Cal #	1
18) Methyl Acetate	2.80	43	2034	0.49	ug/l	93
20) Methylene Chloride	2.84	84	2089	0.67	ug/l	96
29) Tetrahydrofuran	5.21	42	1539	1.05	ug/l #	71
31) Cyclohexane	5.66	56	4266	0.95	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	14819	3.48	ug/l #	50
38) Carbon Tetrachloride	5.66	117	21195	4.67	ug/l #	16
43) Isopropyl Acetate	6.51	43	1915	0.27	ug/l #	61
51) 4-Methyl-2-Pentanone	8.72	43	2224	0.47	ug/l #	1
54) cis-1,3-Dichloropropene	9.06	75	21	2.27	ug/l #	1
60) Dibromochloromethane	9.34	129	8002	2.39	ug/l #	11
64) Tetrachloroethene	9.34	164	9394	2.23	ug/l	90
74) N-amyl acetate	6.51	43	1915	0.34	ug/l #	58
76) 1,2,3-Trichloropropane	11.15	75	79873	22.30	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.15	75	79873	69.29	ug/l #	7

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

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Instrument :
MSVOA_X
ClientSampled :
SB-2

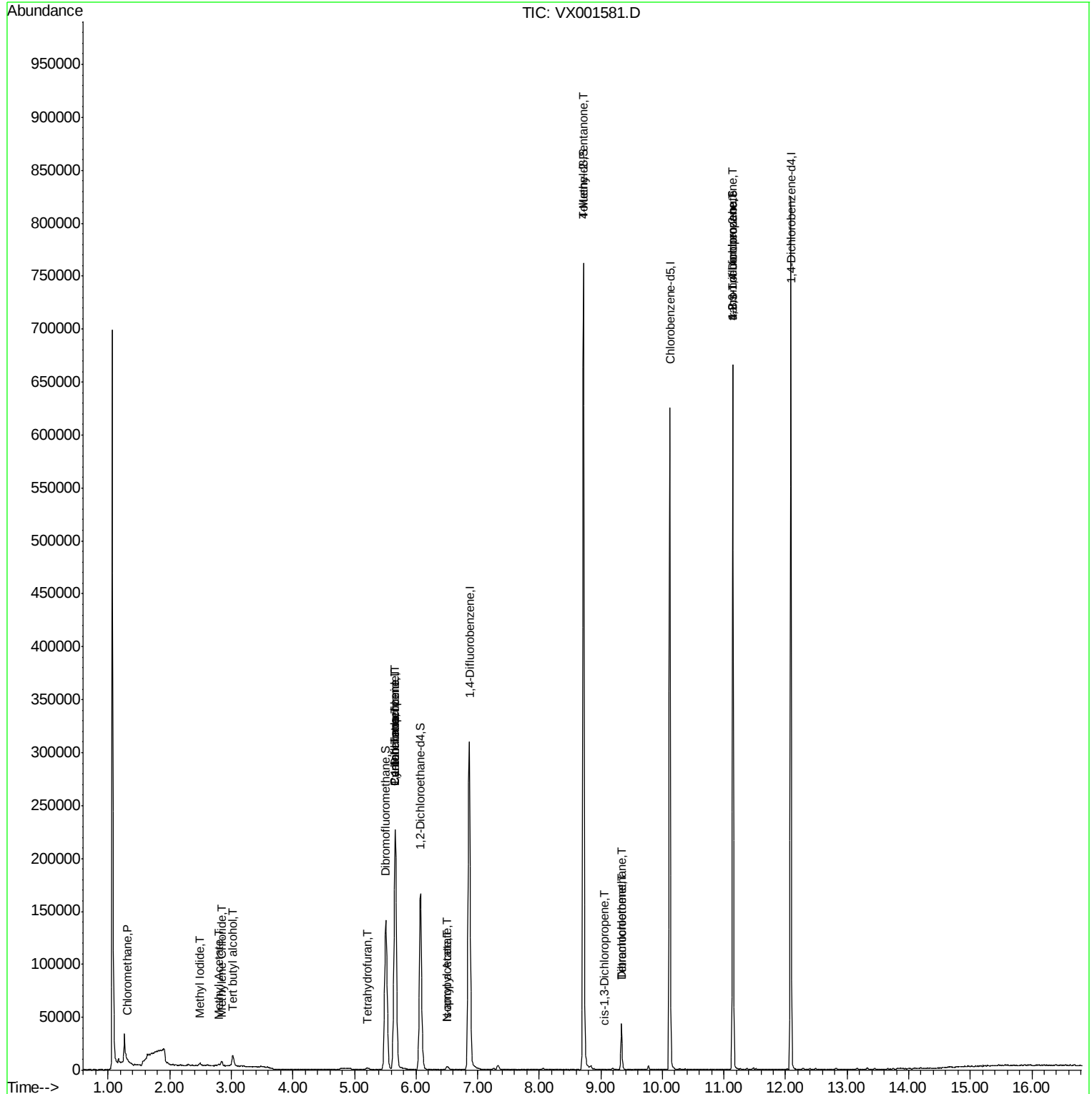
Quant Time: May 10 04:35:46 2018

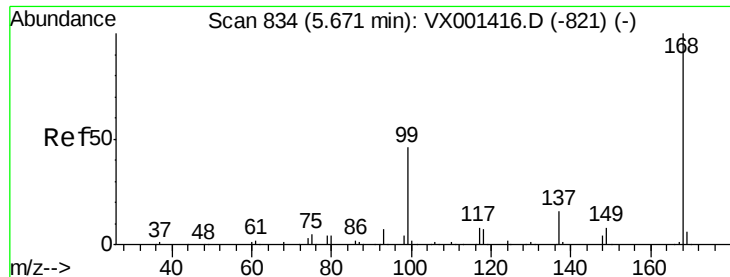
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX001581.D

Acq: 10 May 2018 03:20

Instrument :

MSVOA_X

ClientSampled :

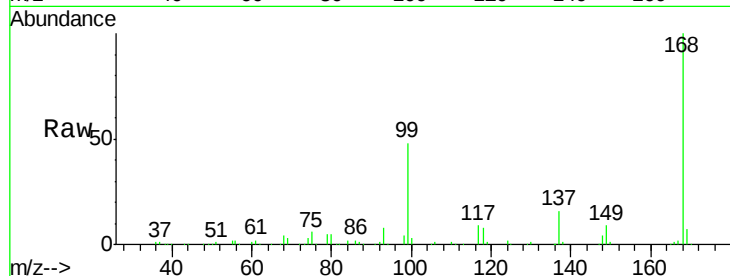
SB-2

Tgt Ion:168 Resp: 241818

Ion Ratio Lower Upper

168 100

99 47.9 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

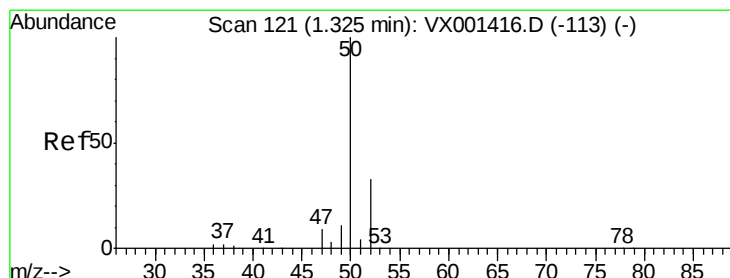
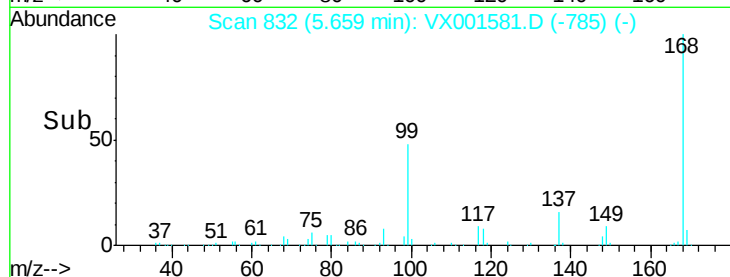
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.23 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX001581.D

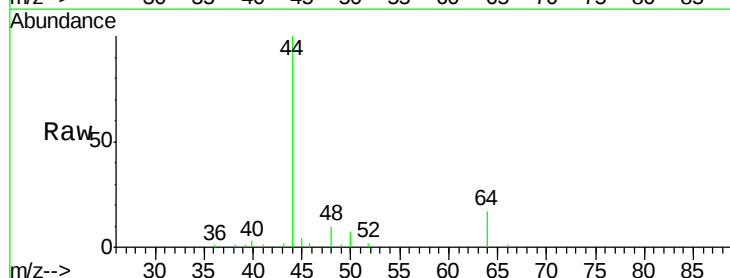
Acq: 10 May 2018 03:20

Tgt Ion: 50 Resp: 721

Ion Ratio Lower Upper

50 100

52 30.3 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

500

400

300

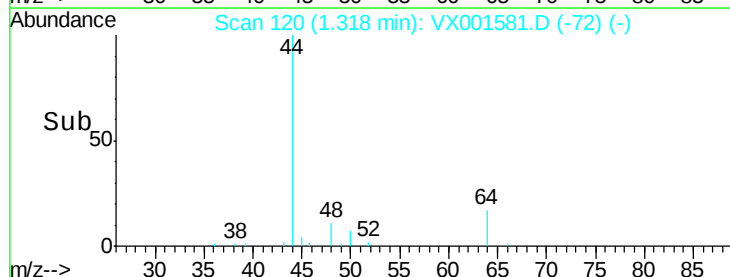
200

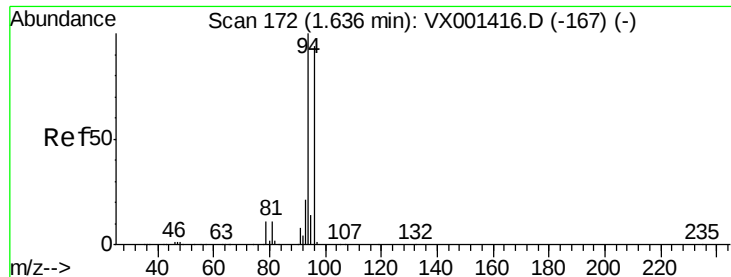
100

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001581.D

Acq: 10 May 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

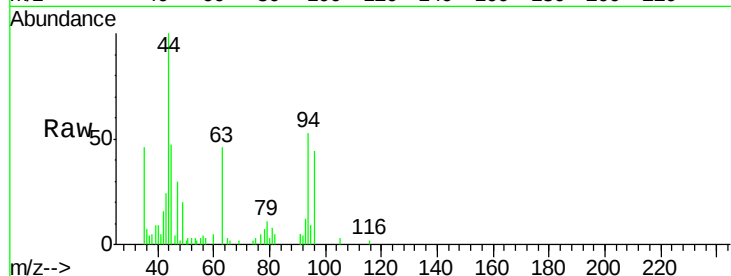
SB-2

Tgt Ion: 94 Resp: 1539

Ion Ratio Lower Upper

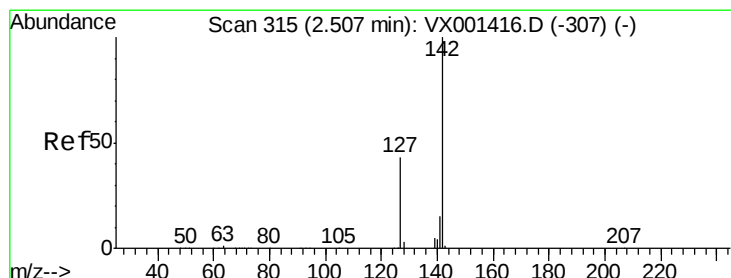
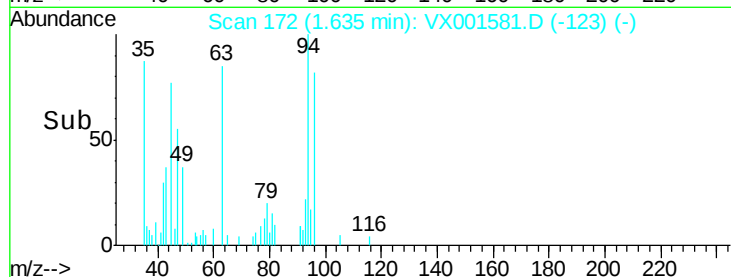
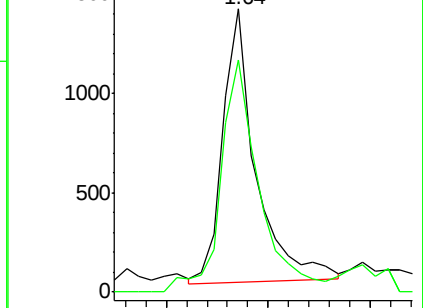
94 100

96 81.3 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX001416.D (-167) (-)

Ion 95.90 (95.60 to 96.60): VX001581.D (-123) (-)



#10

Methyl Iodide

Concen: 0.59 ug/l

RT: 2.48 min Scan# 311

Delta R.T. -0.02 min

Lab File: VX001581.D

Acq: 10 May 2018 03:20

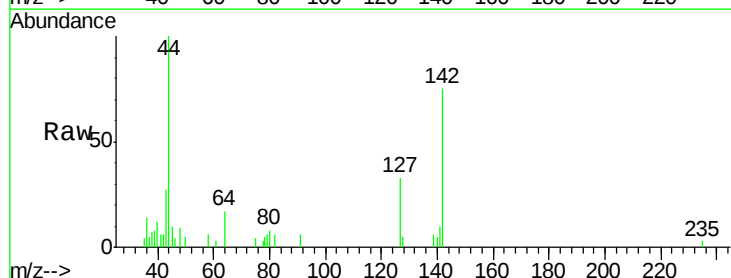
Tgt Ion: 142 Resp: 2472

Ion Ratio Lower Upper

142 100

127 43.7 33.6 50.4

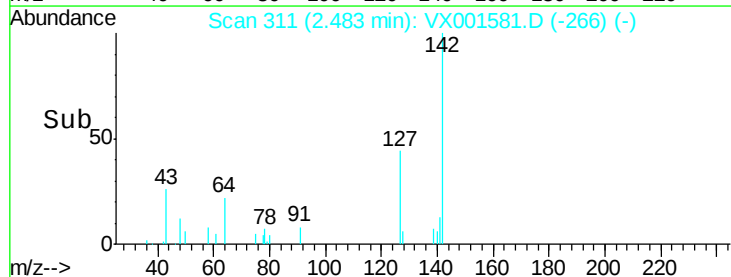
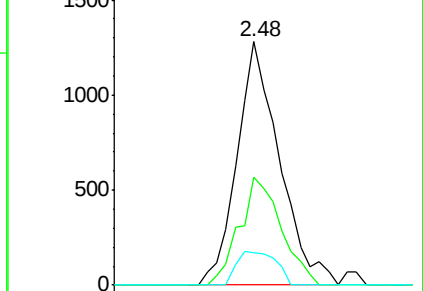
141 12.9 11.4 17.2

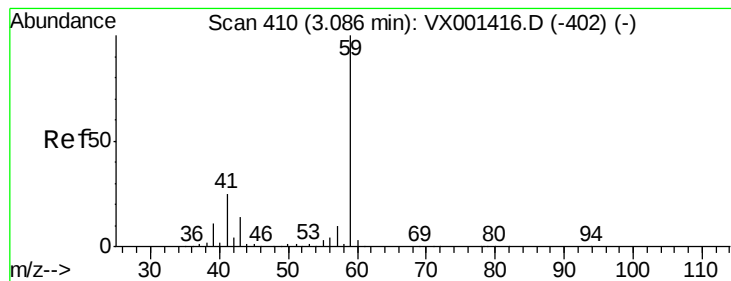


Abundance Ion 141.80 (141.50 to 142.50): VX001416.D (-307) (-)

Ion 126.80 (126.50 to 127.50): VX001581.D (-266) (-)

Ion 140.80 (140.50 to 141.50): VX001581.D (-266) (-)



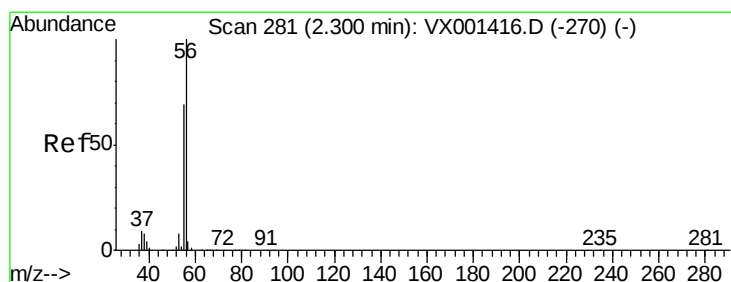
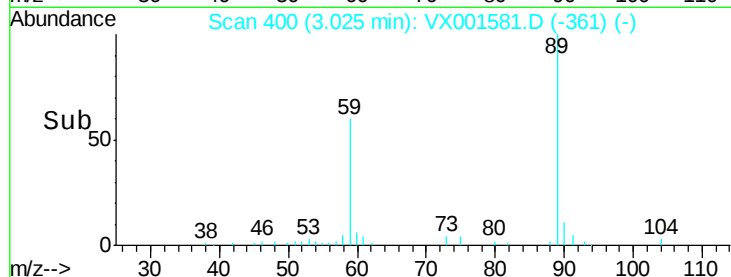
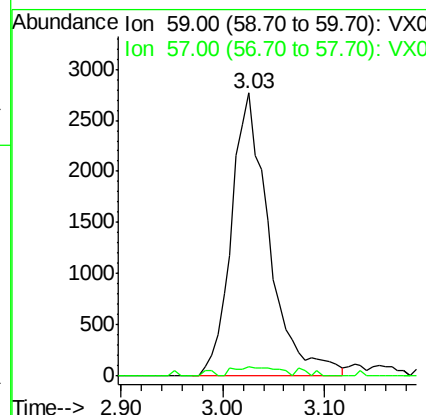
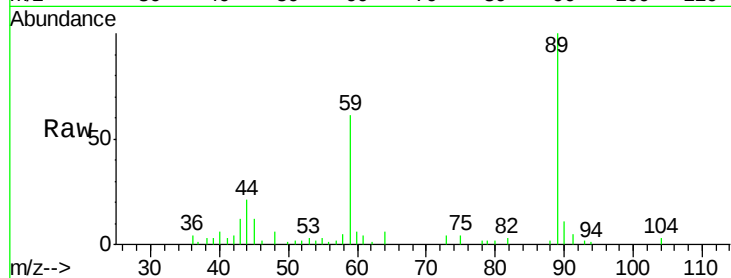


#11

Tert butyl alcohol
 Concen: 9.72 ug/l
 RT: 3.03 min Scan# 400
 Delta R.T. -0.06 min
 Lab File: VX001581.D
 Acq: 10 May 2018 03:20

Instrument :
 MSVOA_X
 ClientSampled :
 SB-2

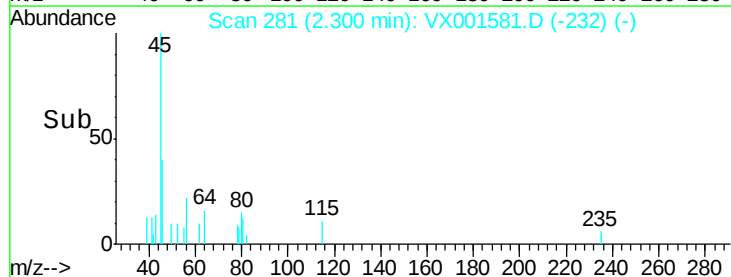
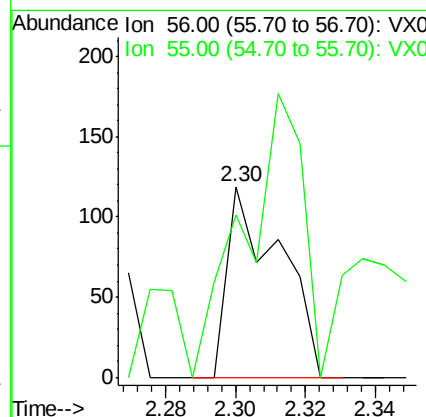
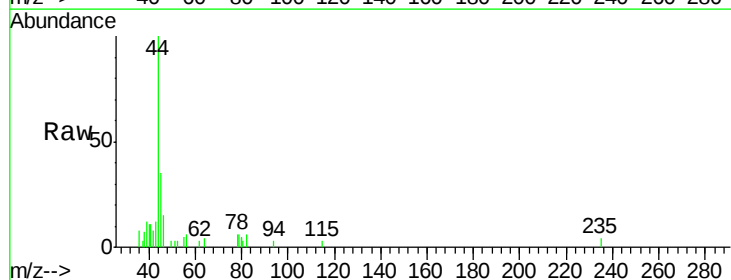
Tgt Ion: 59 Resp: 7122
 Ion Ratio Lower Upper
 59 100
 57 3.7 8.2 12.4#

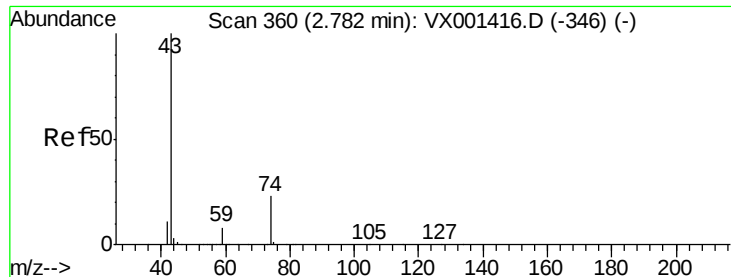


#13

Acrolein
 Concen: Below Cal
 RT: 2.30 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: VX001581.D
 Acq: 10 May 2018 03:20

Tgt Ion: 56 Resp: 124
 Ion Ratio Lower Upper
 56 100
 55 163.7 54.5 81.7#

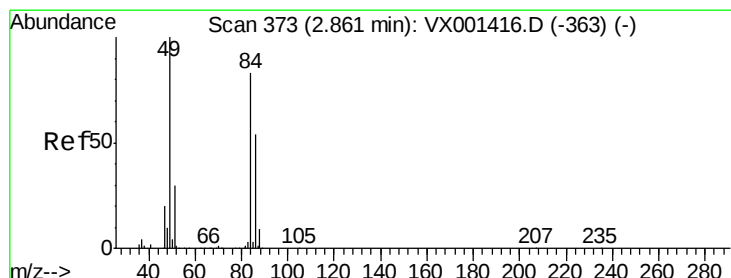
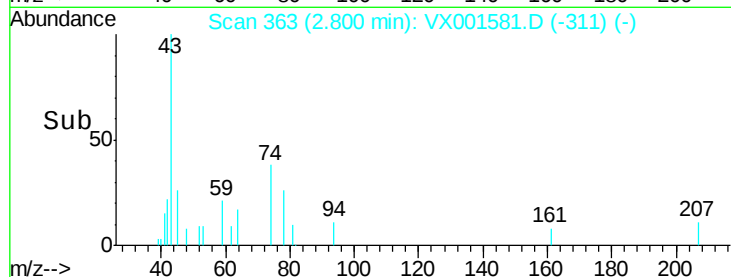
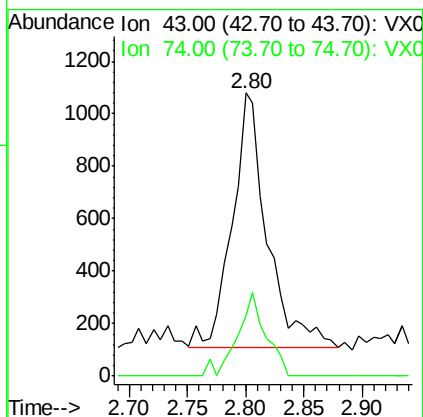
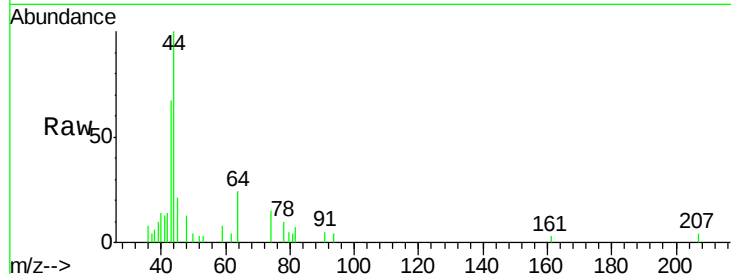




#18
Methyl Acetate
Concen: 0.49 ug/l
RT: 2.80 min Scan# 363
Delta R.T. 0.02 min
Lab File: VX001581.D
Acq: 10 May 2018 03:20

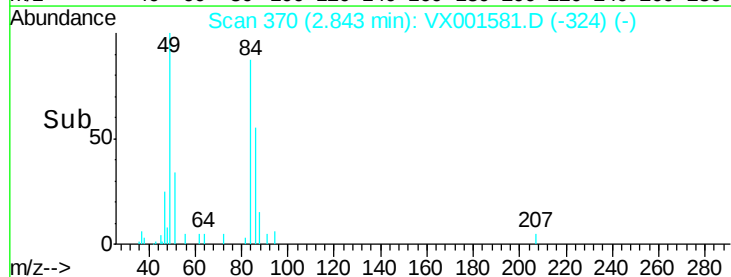
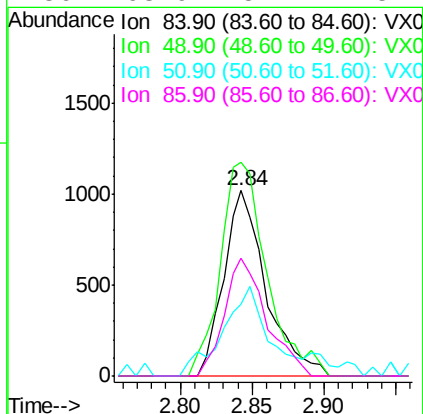
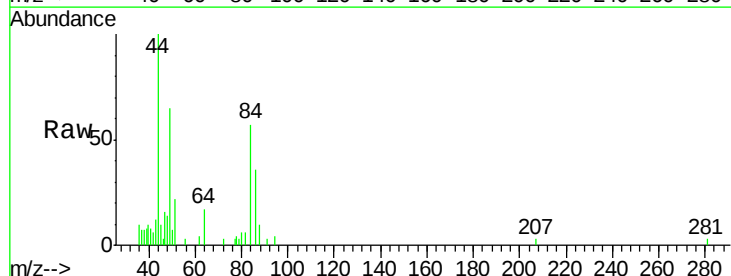
Instrument :
MSVOA_X
ClientSampled :
SB-2

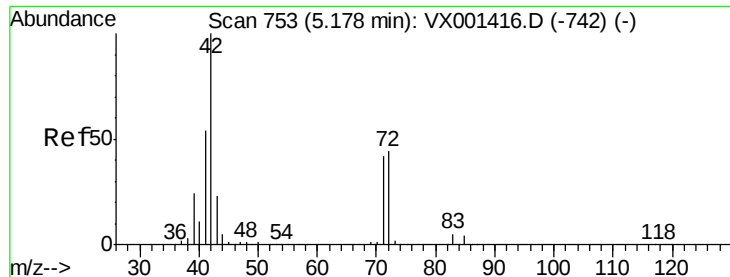
Tgt Ion: 43 Resp: 2034
Ion Ratio Lower Upper
43 100
74 26.8 18.6 27.8



#20
Methylene Chloride
Concen: 0.67 ug/l
RT: 2.84 min Scan# 370
Delta R.T. -0.02 min
Lab File: VX001581.D
Acq: 10 May 2018 03:20

Tgt Ion: 84 Resp: 2089
Ion Ratio Lower Upper
84 100
49 115.3 96.6 144.8
51 33.7 29.0 43.4
86 63.9 52.2 78.4





#29

Tetrahydrofuran

Concen: 1.05 ug/l

RT: 5.21 min Scan# 758

Delta R.T. 0.03 min

Lab File: VX001581.D

Acq: 10 May 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

SB-2

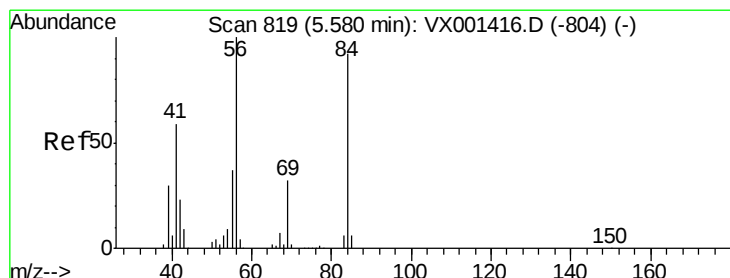
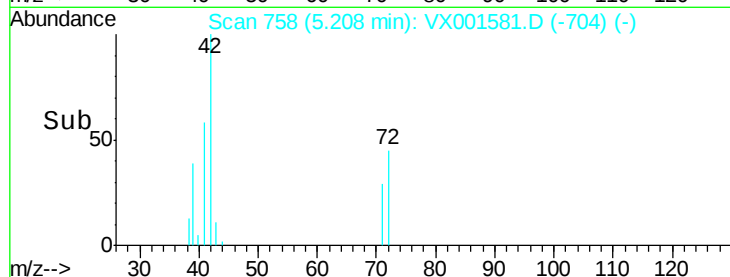
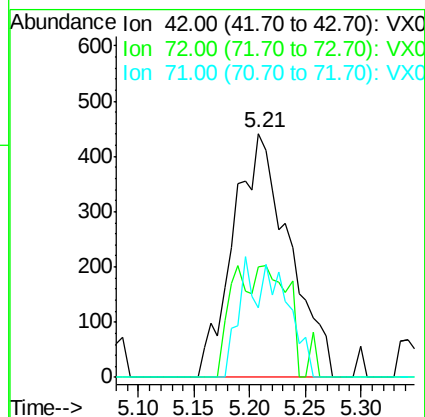
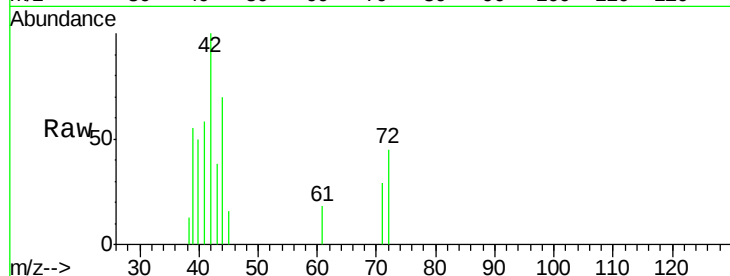
Tgt Ion: 42 Resp: 1539

Ion Ratio Lower Upper

42 100

72 25.7 35.4 53.2#

71 22.3 33.0 49.4#



#31

Cyclohexane

Concen: 0.95 ug/l

RT: 5.66 min Scan# 832

Delta R.T. 0.08 min

Lab File: VX001581.D

Acq: 10 May 2018 03:20

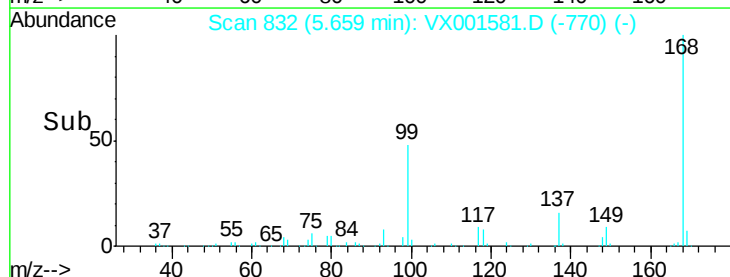
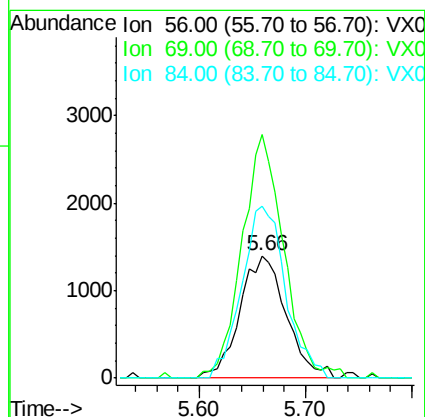
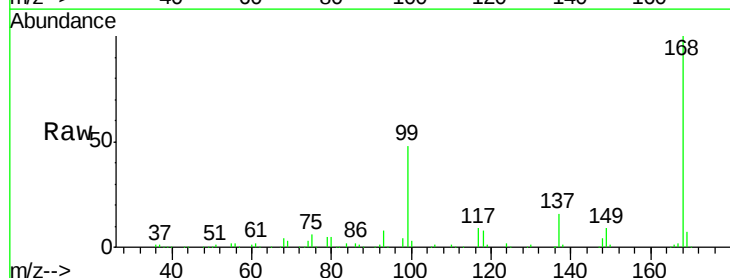
Tgt Ion: 56 Resp: 4266

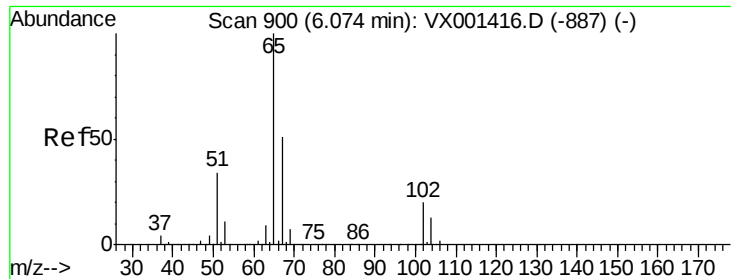
Ion Ratio Lower Upper

56 100

69 199.2 25.4 38.0#

84 140.9 73.8 110.8#

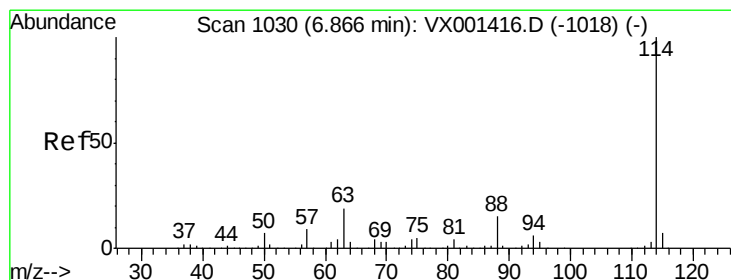
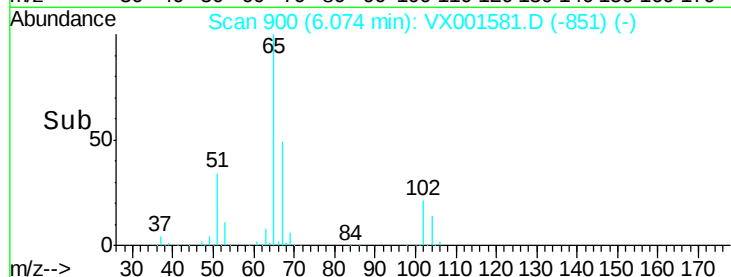
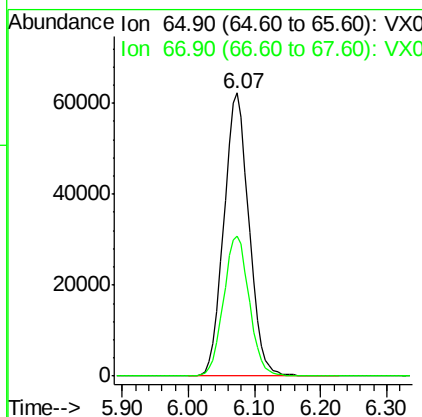
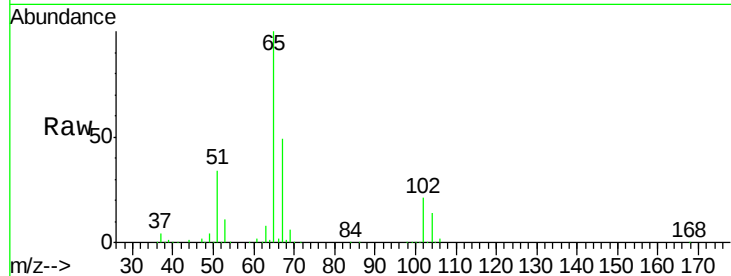




#33
 1,2-Dichloroethane-d4
 Concen: 47.07 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001581.D
 Acq: 10 May 2018 03:20

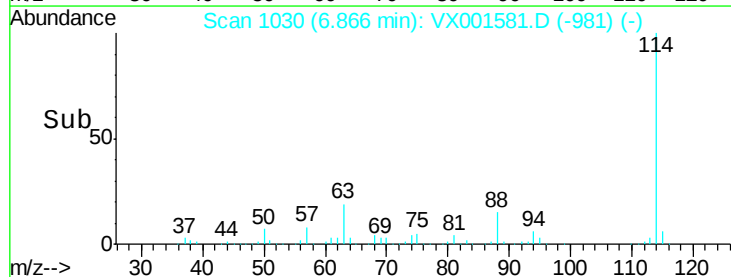
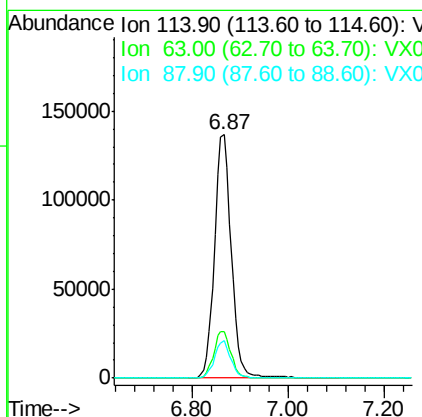
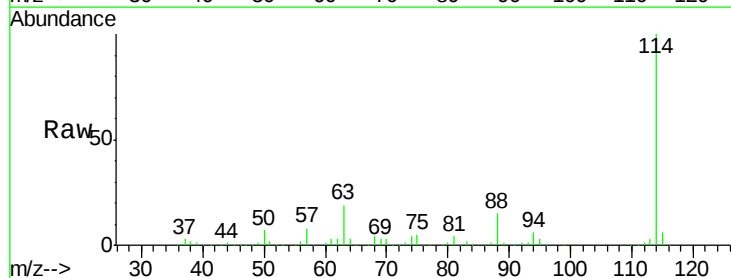
Instrument :
 MSVOA_X
 ClientSampled :
 SB-2

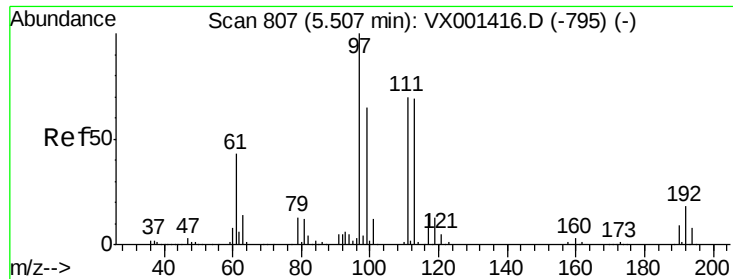
Tgt Ion: 65 Resp: 163596
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001581.D
 Acq: 10 May 2018 03:20

Tgt Ion: 114 Resp: 334416
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.3 0.0 30.8

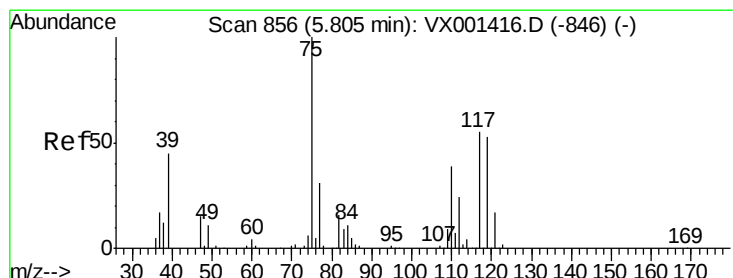
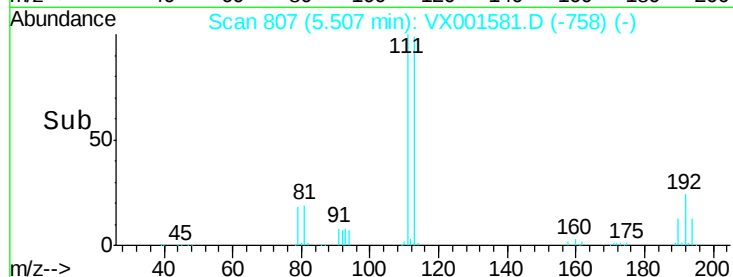
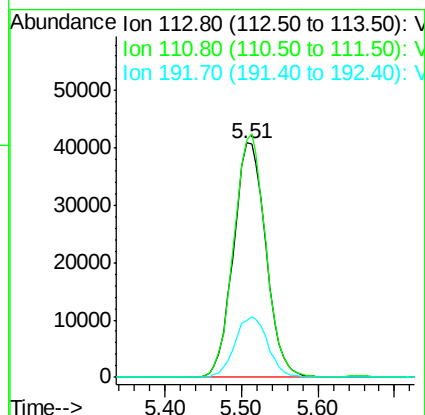
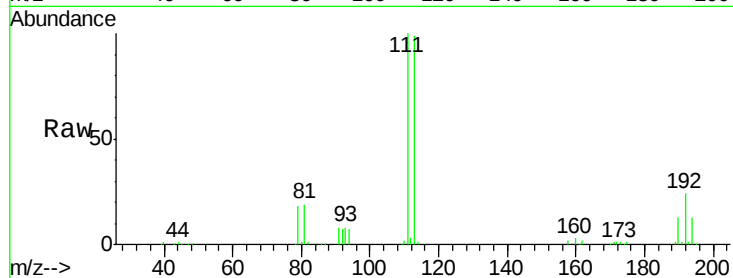




#35
 Dibromofluoromethane
 Concen: 40.45 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX001581.D
 Acq: 10 May 2018 03:20

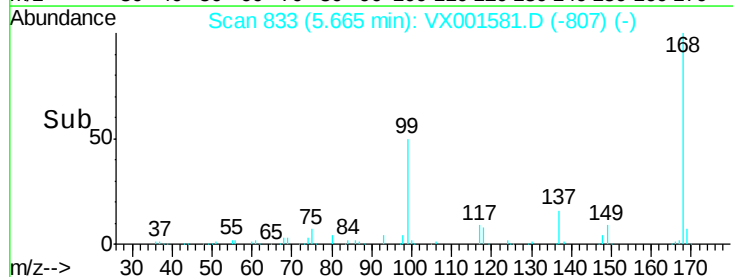
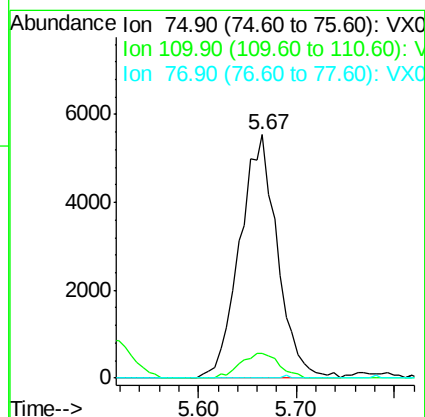
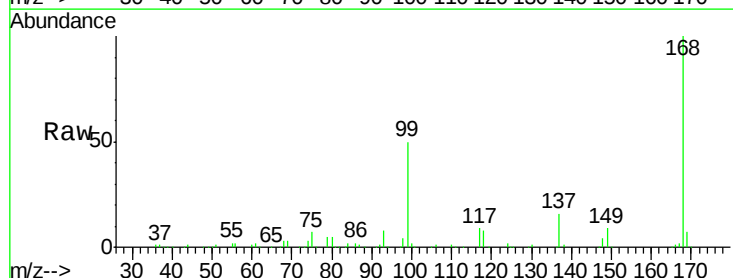
Instrument :
 MSVOA_X
 ClientSampled :
 SB-2

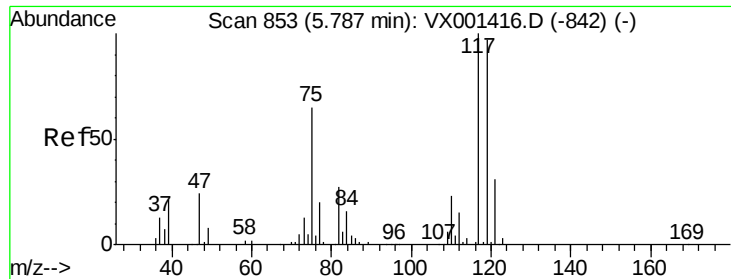
Tgt Ion:113 Resp: 120317
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 26.4 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 3.48 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001581.D
 Acq: 10 May 2018 03:20

Tgt Ion: 75 Resp: 14819
 Ion Ratio Lower Upper
 75 100
 110 10.6 18.9 56.7#
 77 0.0 24.9 37.3#

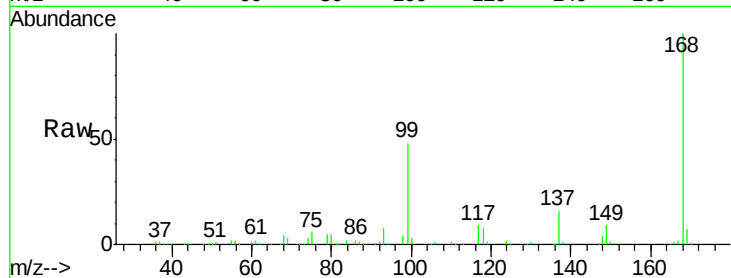




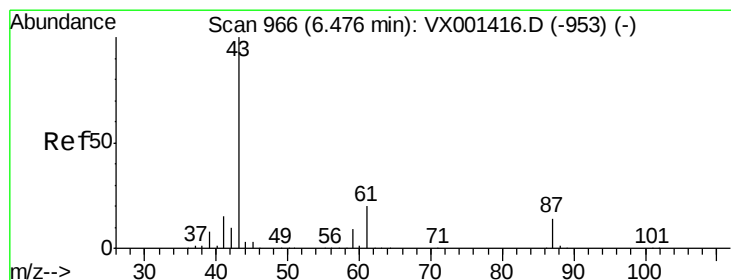
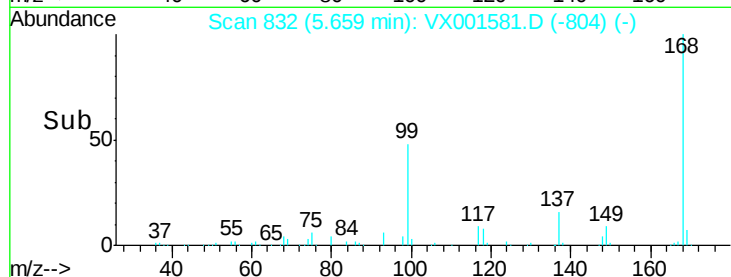
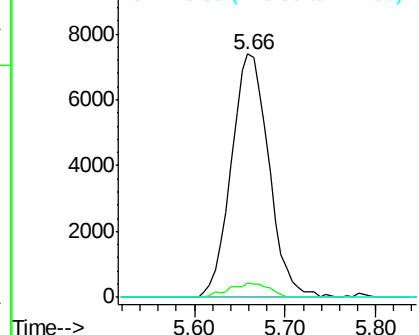
#38
Carbon Tetrachloride
Concen: 4.67 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.13 min
Lab File: VX001581.D
Acq: 10 May 2018 03:20

Instrument :
MSVOA_X
ClientSampled :
SB-2

Tgt Ion: 117 Resp: 21195
Ion Ratio Lower Upper
117 100
119 5.8 77.0 115.6#
121 0.0 25.1 37.7#

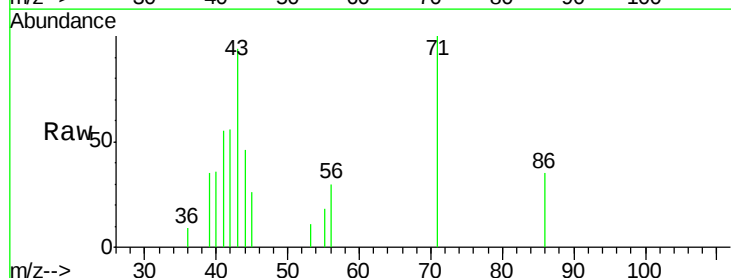


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

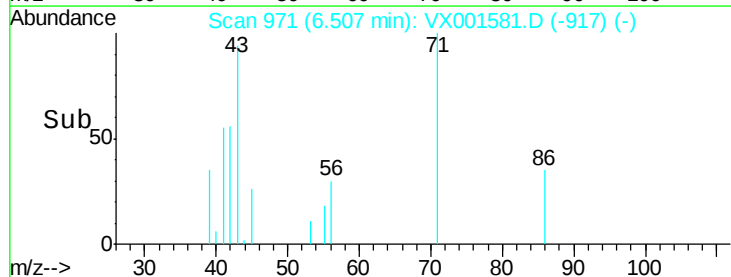
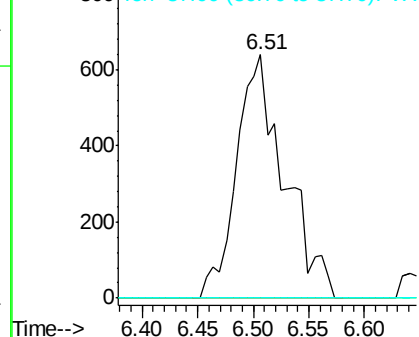


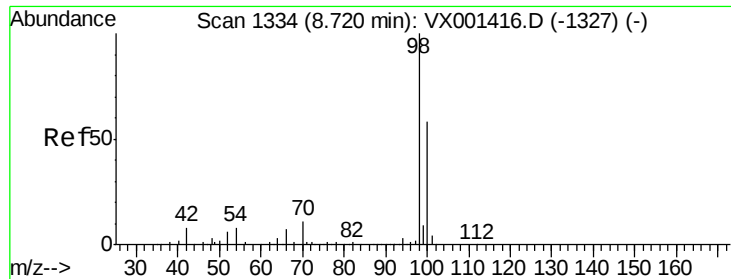
#43
Isopropyl Acetate
Concen: 0.27 ug/l
RT: 6.51 min Scan# 971
Delta R.T. 0.03 min
Lab File: VX001581.D
Acq: 10 May 2018 03:20

Tgt Ion: 43 Resp: 1915
Ion Ratio Lower Upper
43 100
61 0.0 15.4 23.0#
87 0.0 10.8 16.2#



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

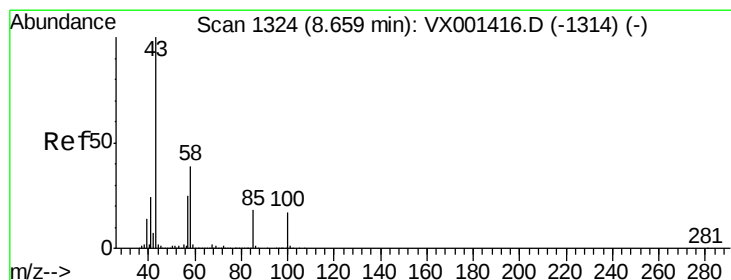
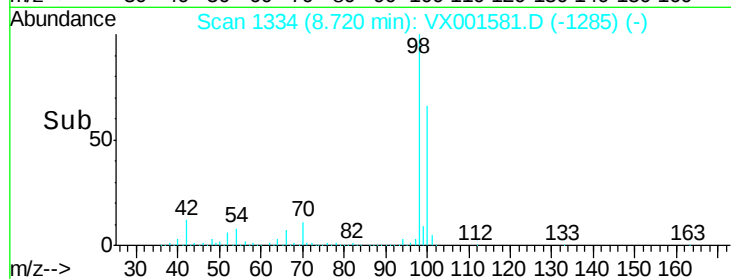
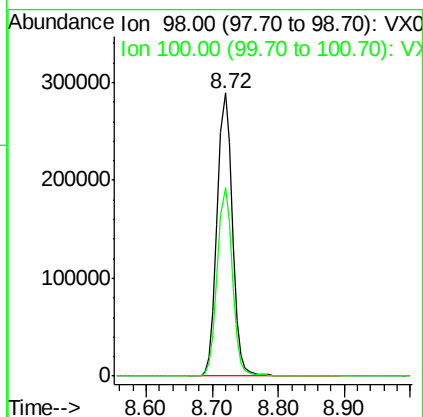
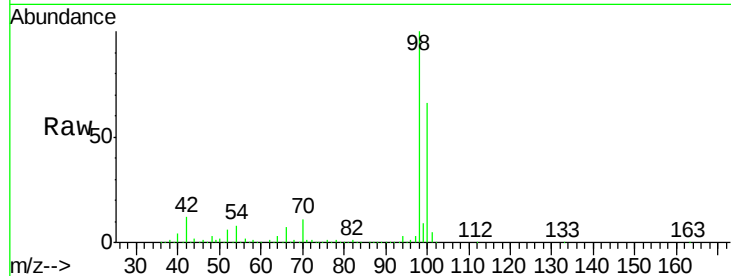




#50
Toluene-d8
Concen: 42.64 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001581.D
Acq: 10 May 2018 03:20

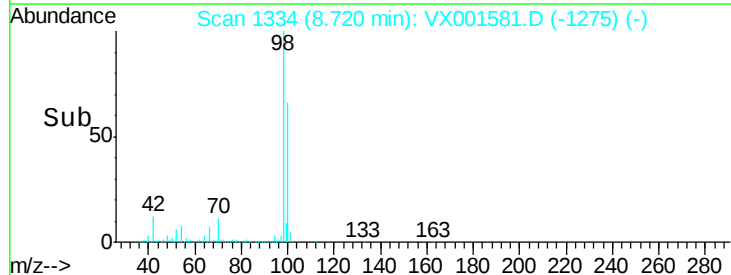
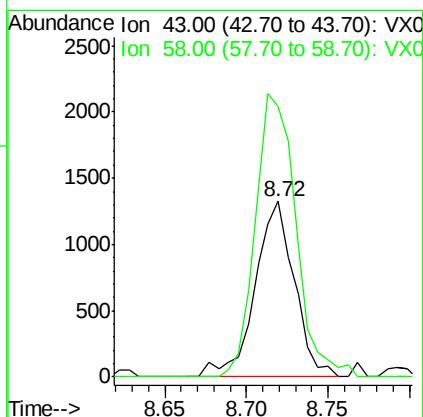
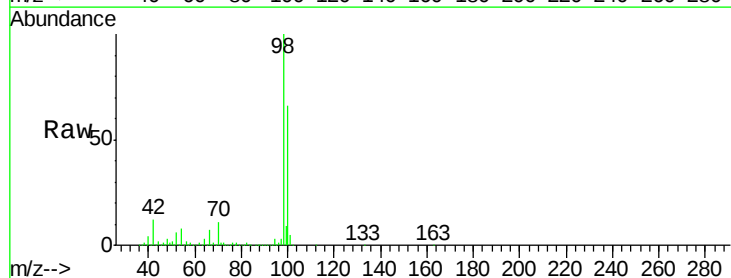
Instrument :
MSVOA_X
ClientSampleId :
SB-2

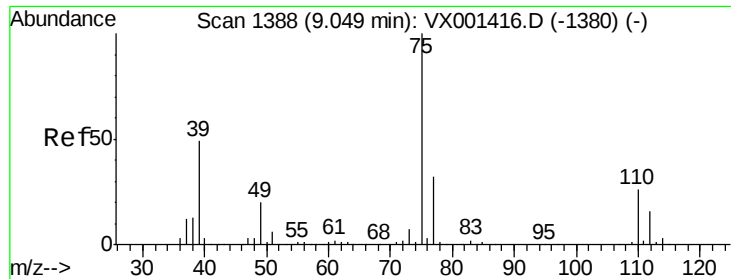
Tgt Ion: 98 Resp: 462995
Ion Ratio Lower Upper
98 100
100 65.7 54.0 81.0



#51
4-Methyl-2-Pentanone
Concen: 0.47 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.06 min
Lab File: VX001581.D
Acq: 10 May 2018 03:20

Tgt Ion: 43 Resp: 2224
Ion Ratio Lower Upper
43 100
58 166.5 30.8 46.2#

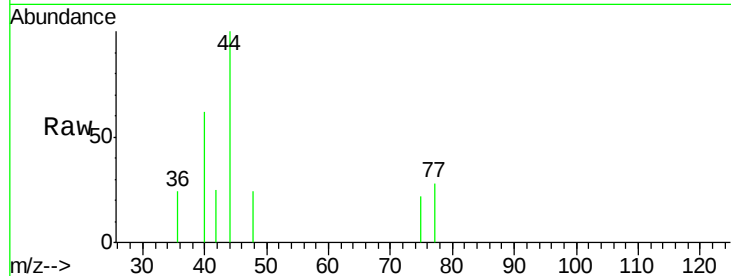




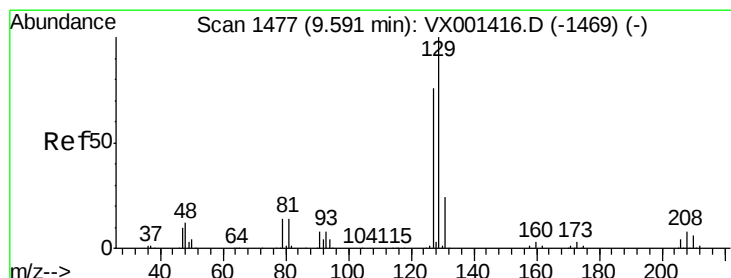
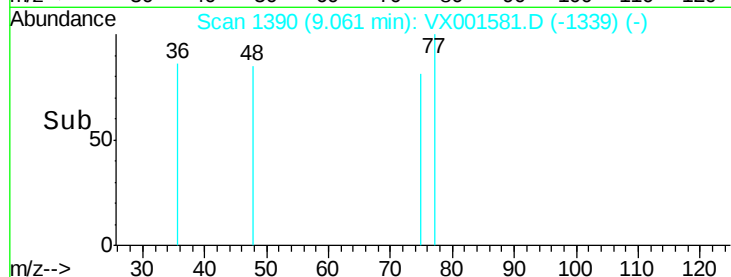
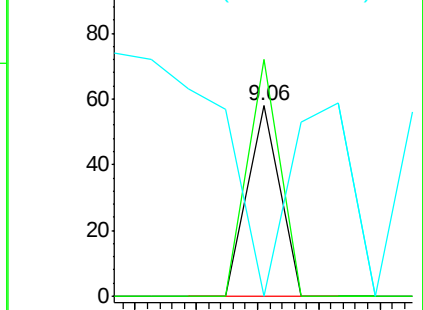
#54
 cis-1,3-Dichloropropene
 Concen: 2.27 ug/l
 RT: 9.06 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: VX001581.D
 Acq: 10 May 2018 03:20

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-2

Tgt Ion: 75 Resp: 21
 Ion Ratio Lower Upper
 75 100
 77 124.1 25.5 38.3#
 39 0.0 38.9 58.3#

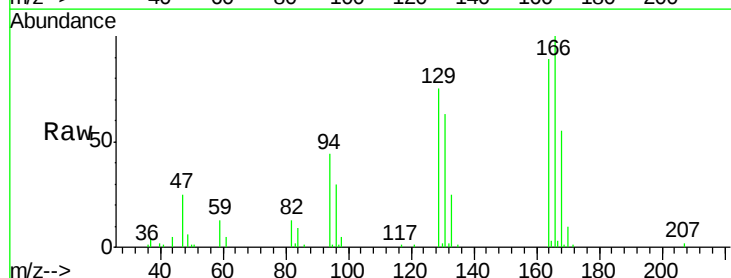


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0

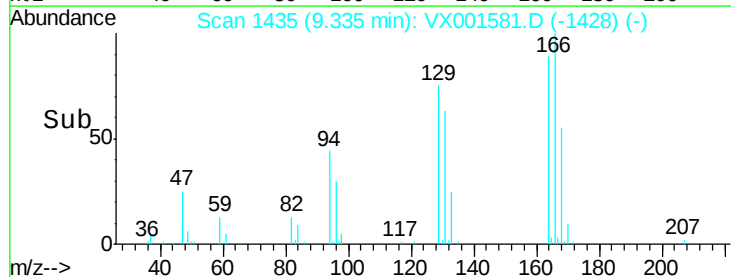
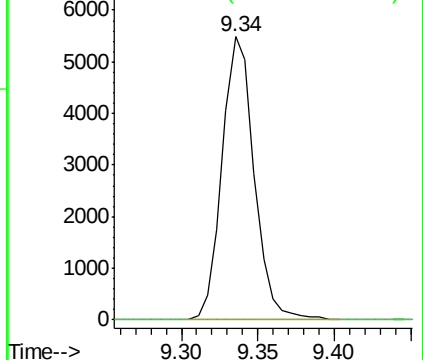


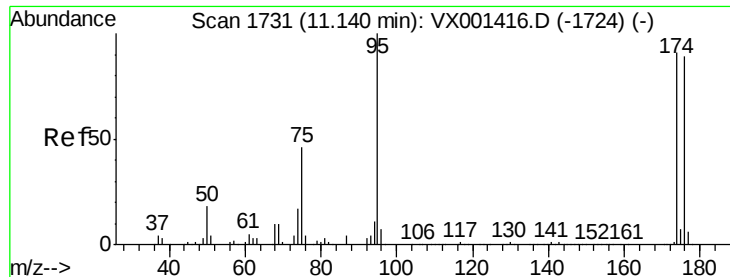
#60
 Dibromochloromethane
 Concen: 2.39 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.26 min
 Lab File: VX001581.D
 Acq: 10 May 2018 03:20

Tgt Ion: 129 Resp: 8002
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.1 114.5#



Abundance Ion 128.80 (128.50 to 129.50): V
 Ion 126.80 (126.50 to 127.50): V

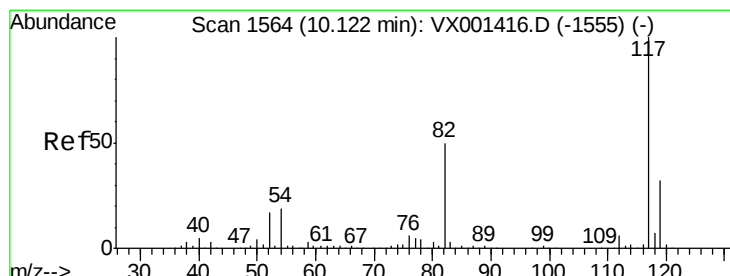
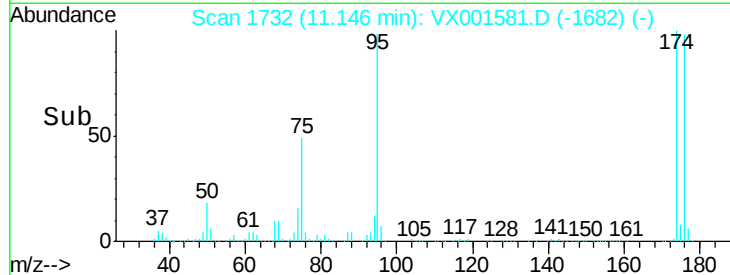
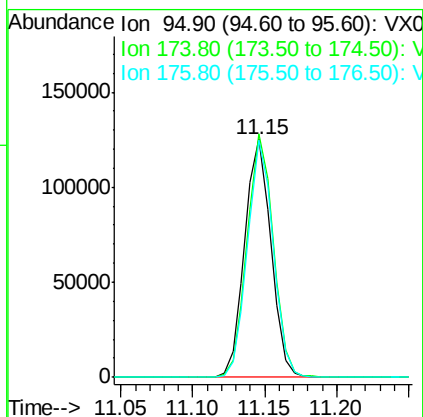
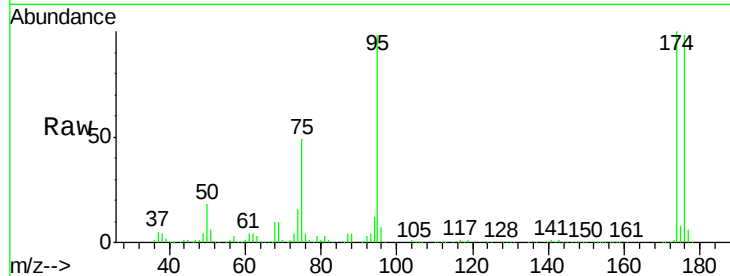




#62
4-Bromofluorobenzene
Concen: 37.97 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001581.D
Acq: 10 May 2018 03:20

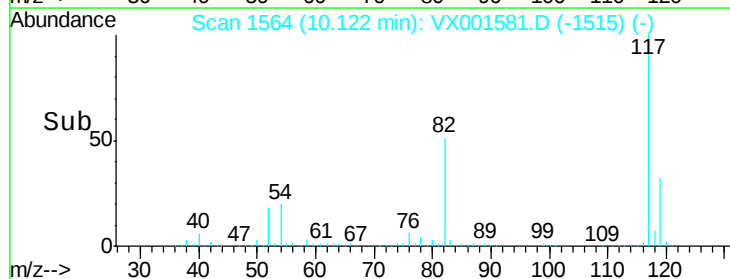
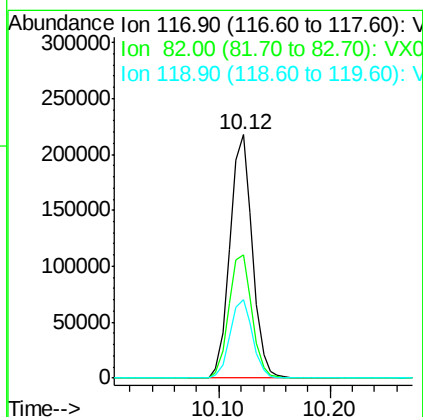
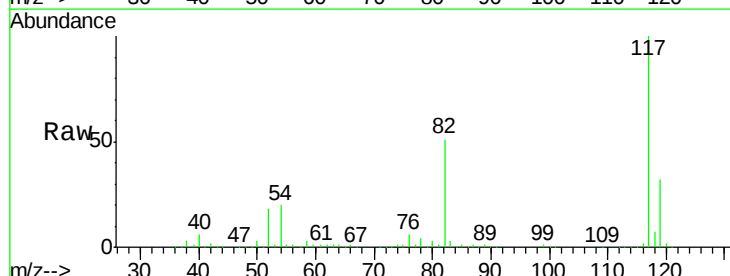
Instrument :
MSVOA_X
ClientSampleId :
SB-2

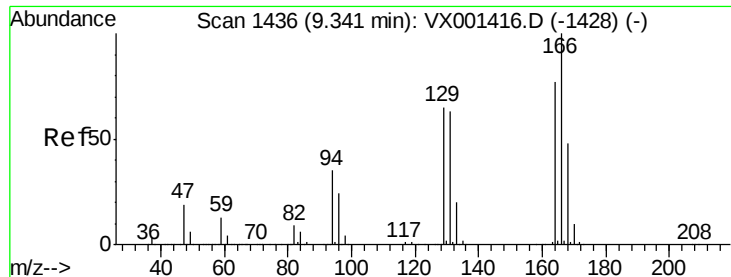
Tgt Ion: 95 Resp: 158247
Ion Ratio Lower Upper
95 100
174 101.8 0.0 202.0
176 97.3 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001581.D
Acq: 10 May 2018 03:20

Tgt Ion: 117 Resp: 301861
Ion Ratio Lower Upper
117 100
82 50.7 40.0 60.0
119 32.1 25.8 38.8

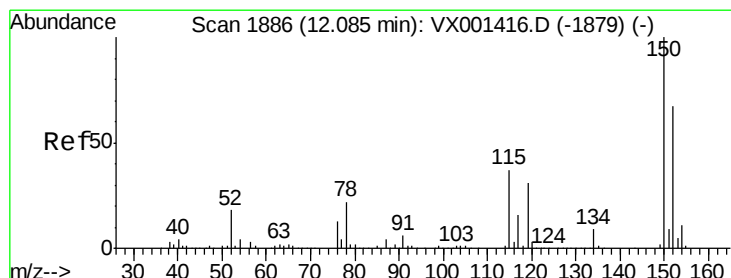
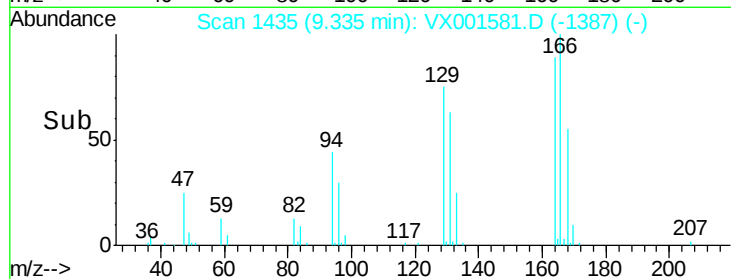
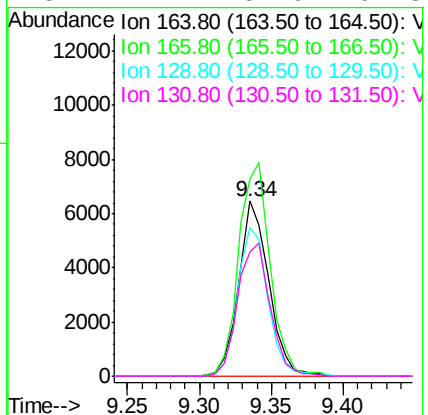
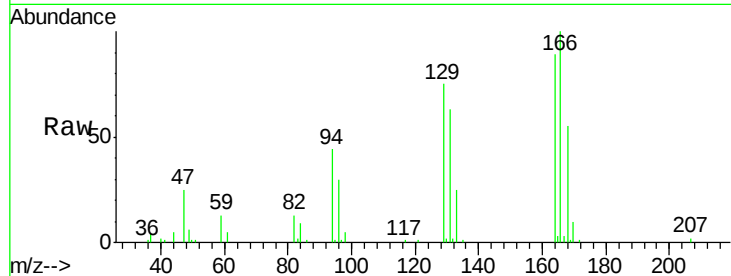




#64
Tetrachloroethene
Concen: 2.23 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001581.D
Acq: 10 May 2018 03:20

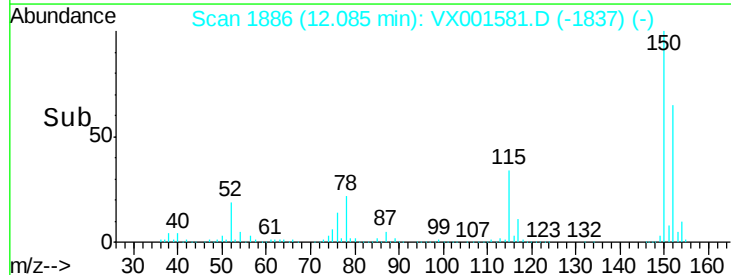
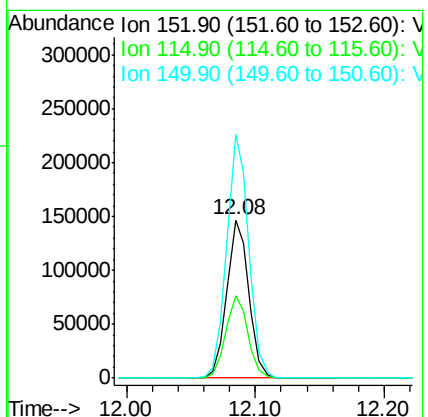
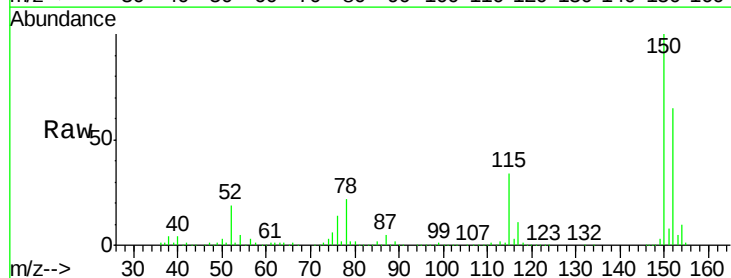
Instrument :
MSVOA_X
ClientSampleId :
SB-2

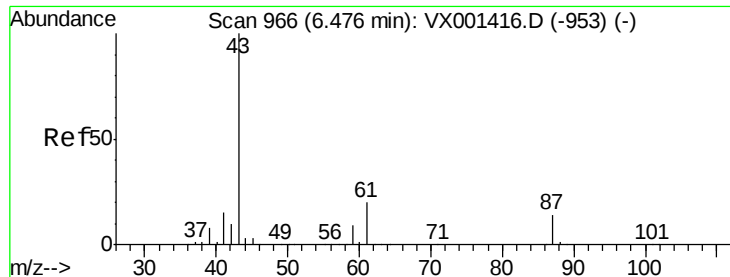
Tgt Ion:164 Resp: 9394
Ion Ratio Lower Upper
164 100
166 112.6 103.5 155.3
129 85.0 66.7 100.1
131 71.1 64.9 97.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001581.D
Acq: 10 May 2018 03:20

Tgt Ion:152 Resp: 176597
Ion Ratio Lower Upper
152 100
115 52.3 37.7 113.1
150 154.0 0.0 349.4





#74

N-ethyl acetate

Concen: 0.34 ug/l

RT: 6.51 min Scan# 971

Delta R.T. 0.03 min

Lab File: VX001581.D

Acq: 10 May 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

SB-2

Tgt Ion: 43 Resp: 1915

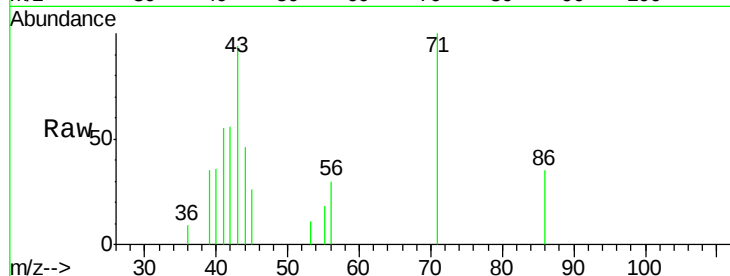
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 9.7 0.1 0.1#

61 0.0 15.4 23.0#

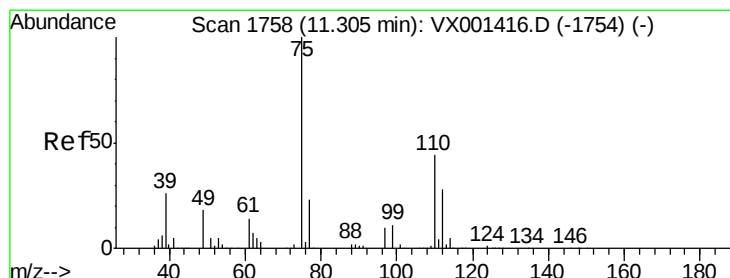
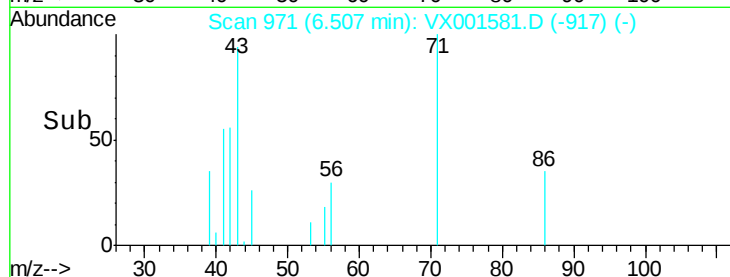
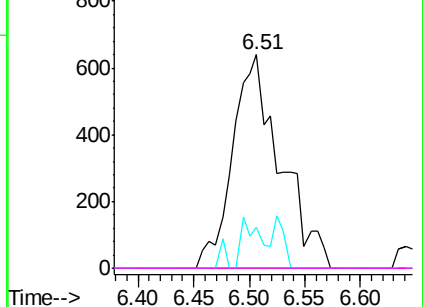


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.30 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX001581.D

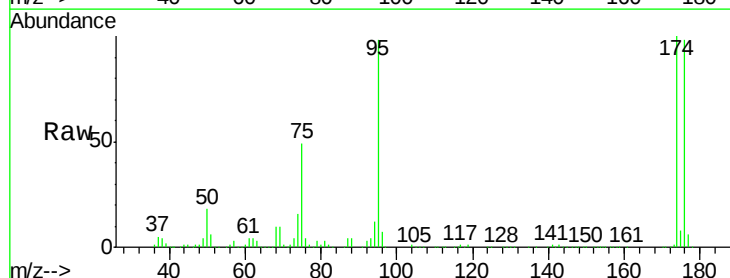
Acq: 10 May 2018 03:20

Tgt Ion: 75 Resp: 79873

Ion Ratio Lower Upper

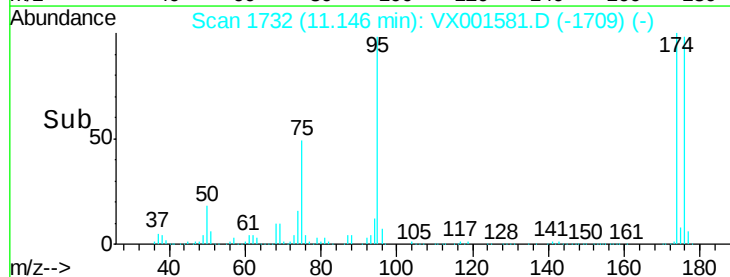
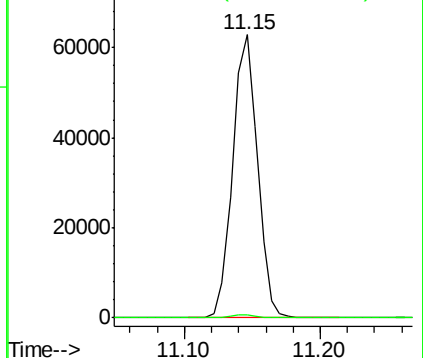
75 100

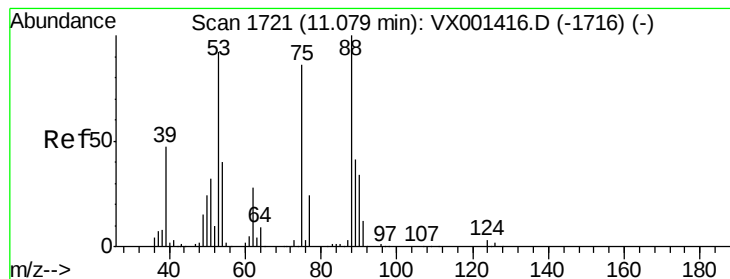
77 1.2 19.6 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 69.29 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.07 min

Lab File: VX001581.D

Acq: 10 May 2018 03:20

Instrument :

MSVOA_X

ClientSampleId :

SB-2

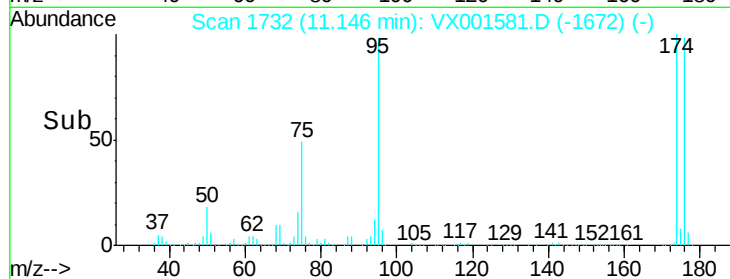
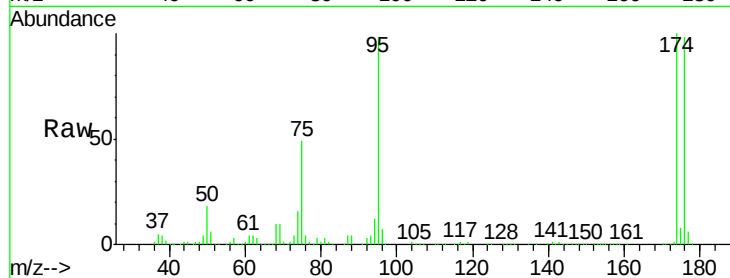
Tgt Ion: 75 Resp: 79873

Ion Ratio Lower Upper

75 100

53 0.1 84.5 126.7#

89 0.0 39.5 59.3#



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

