

Data File : VX001942.D

Acq On : 24 May 2018 15:40

Operator : JC/MD

Sample : VX0524WBL01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0524WBL01

Quant Time: May 25 03:31:07 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M

Quant Title : SW846 8260

QLast Update : Thu May 24 13:09:03 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	381541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	543745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	490731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	264131	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	271021	39.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.48%	
35) Dibromofluoromethane	5.51	113	212070	39.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.00%	
50) Toluene-d8	8.72	98	774263	39.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.66%	
62) 4-Bromofluorobenzene	11.14	95	286523	37.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.40%	

Target Compounds

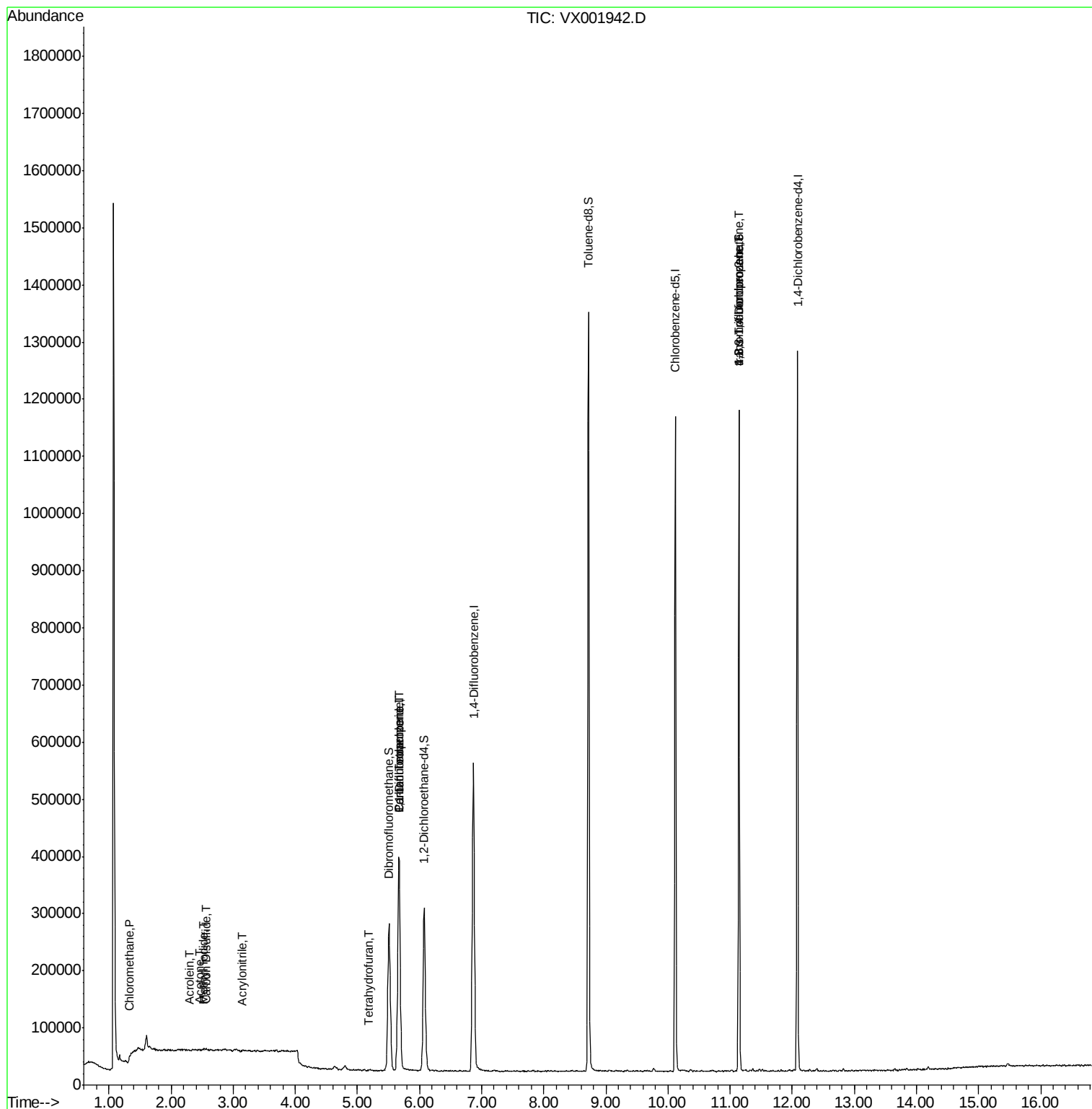
						Qvalue
2) Dichlorodifluoromethane	1.20	85	95	Below Cal	#	19
3) Chloromethane	1.32	50	1319	0.22	ug/l	98
5) Bromomethane	1.65	94	2283	Below Cal		95
10) Methyl Iodide	2.52	142	2299	0.36	ug/l	92
13) Acrolein	2.29	56	311	0.54	ug/l	# 45
15) Acrylonitrile	3.15	53	950	0.35	ug/l	# 58
16) Acetone	2.45	43	1755	0.67	ug/l	# 76
17) Carbon Disulfide	2.57	76	3416	0.27	ug/l	98
18) Methyl Acetate	2.79	43	433	Below Cal	#	23
20) Methylene Chloride	2.86	84	437	Below Cal	#	56
21) trans-1,2-Dichloroethene	3.15	96	211	Below Cal	#	20
28) Bromochloromethane	5.02	49	271	Below Cal	#	25
29) Tetrahydrofuran	5.18	42	1456	0.46	ug/l	# 52
36) 1,1-Dichloropropene	5.67	75	27458	3.63	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	35183	3.99	ug/l	# 14
41) Methacrylonitrile	5.13	41	368	Below Cal		90
74) N-amyl acetate	6.50	43	647	Below Cal	#	59
75) 1,1,2,2-Tetrachloroethane	11.27	83	203	Below Cal	#	28
76) 1,2,3-Trichloropropane	11.14	75	146552	23.10	ug/l	# 33
79) 2-Chlorotoluene	11.43	91	660	Below Cal		82
81) trans-1,4-Dichloro-2-buten	11.14	75	146552	55.52	ug/l	# 10

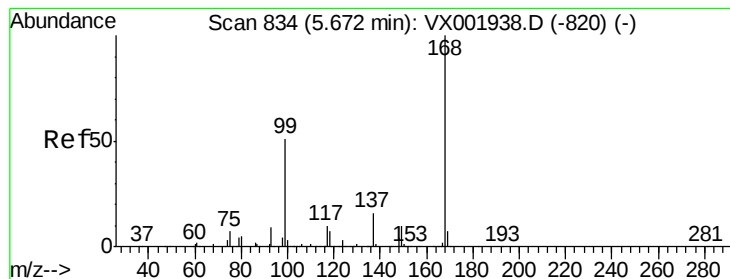
(#)=qualifier out of range (m)=manual integration (+)=signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001942.D

Acq: 24 May 2018 15:40

Instrument :

MSVOA_X

ClientSampled :

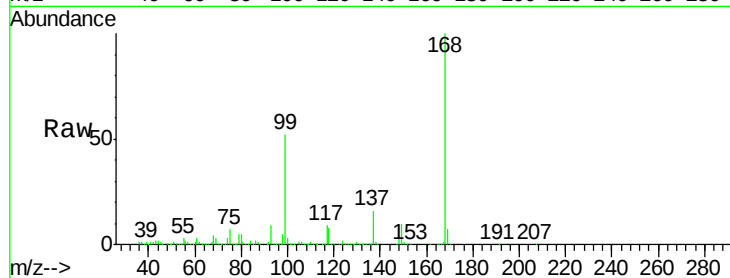
VX0524WBL01

Tgt Ion:168 Resp: 381541

Ion Ratio Lower Upper

168 100

99 52.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

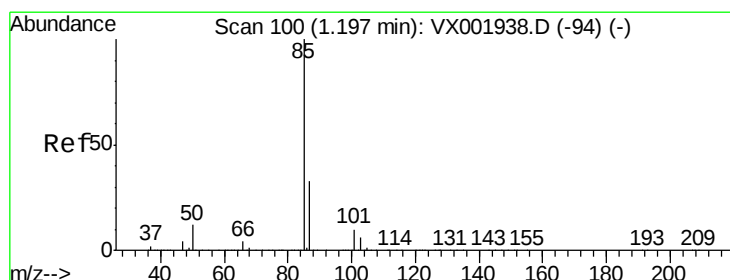
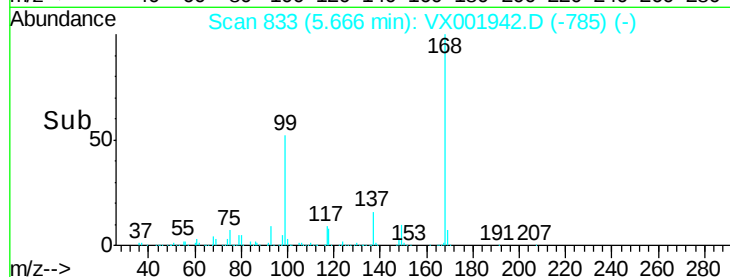
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001942.D

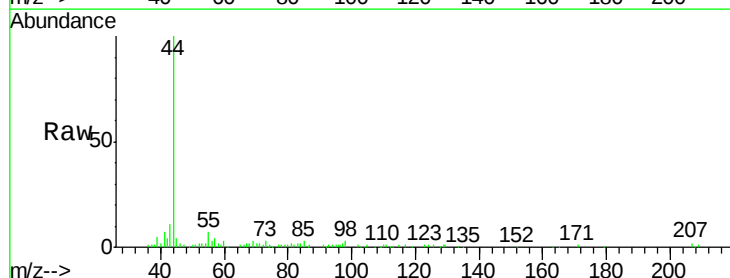
Acq: 24 May 2018 15:40

Tgt Ion: 85 Resp: 95

Ion Ratio Lower Upper

85 100

87 79.1 16.7 50.0#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

600

500

400

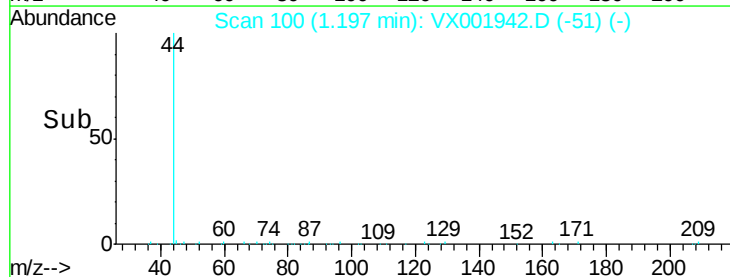
300

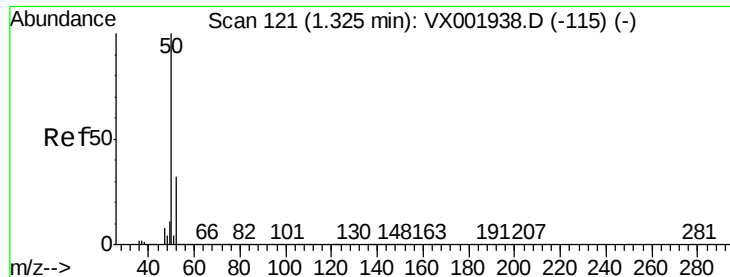
200

100

0

Time-->





#3

Chloromethane

Concen: 0.22 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001942.D

Acq: 24 May 2018 15:40

Instrument :

MSVOA_X

ClientSampleId :

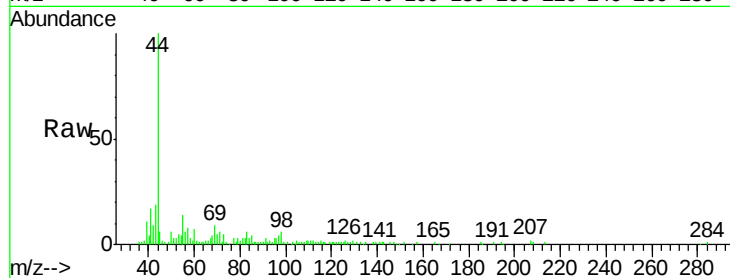
VX0524WBL01

Tgt Ion: 50 Resp: 1319

Ion Ratio Lower Upper

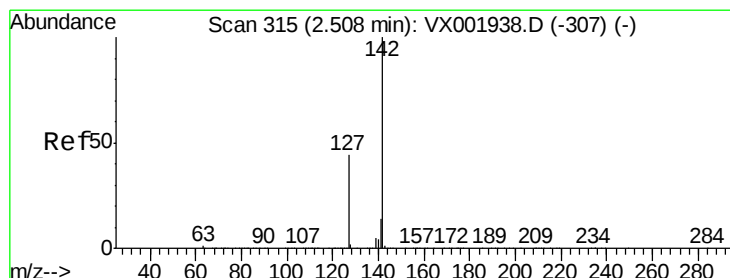
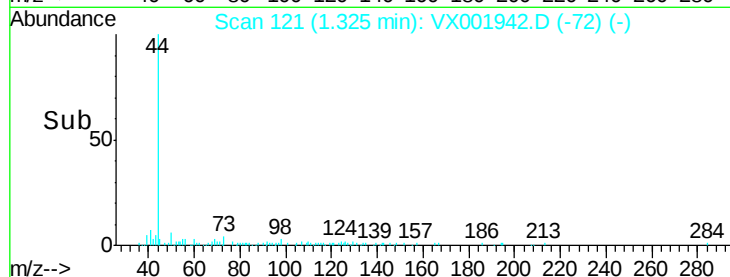
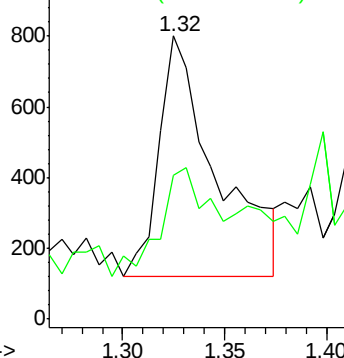
50 100

52 33.6 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#10

Methyl Iodide

Concen: 0.36 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001942.D

Acq: 24 May 2018 15:40

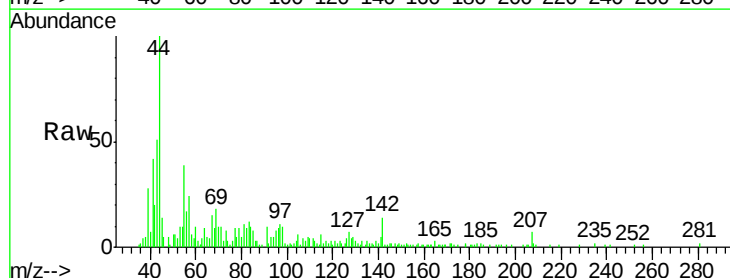
Tgt Ion: 142 Resp: 2299

Ion Ratio Lower Upper

142 100

127 39.1 35.5 53.3

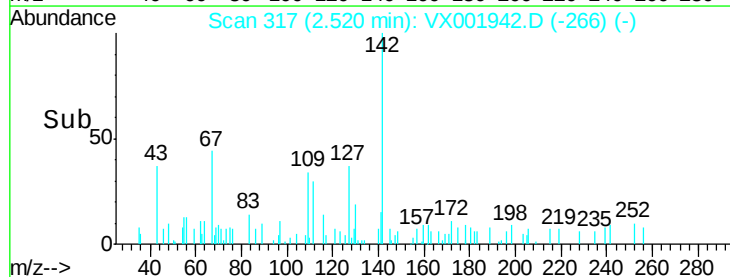
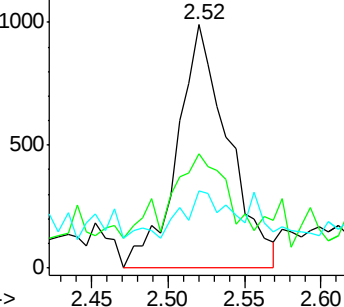
141 16.7 11.3 16.9

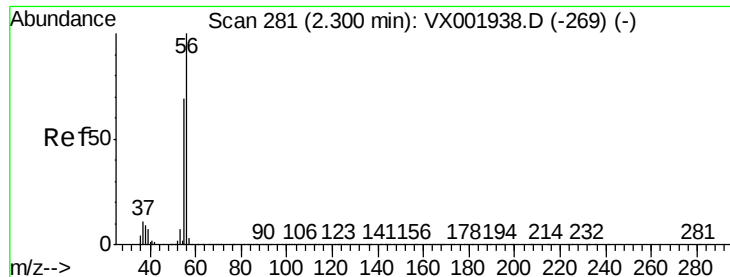


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#13

Acrolein

Concen: 0.54 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001942.D

Acq: 24 May 2018 15:40

Instrument :

MSVOA_X

ClientSampled :

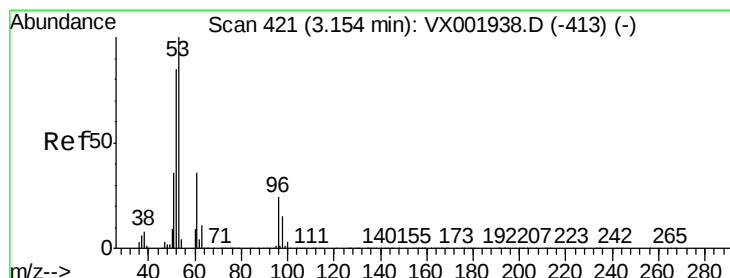
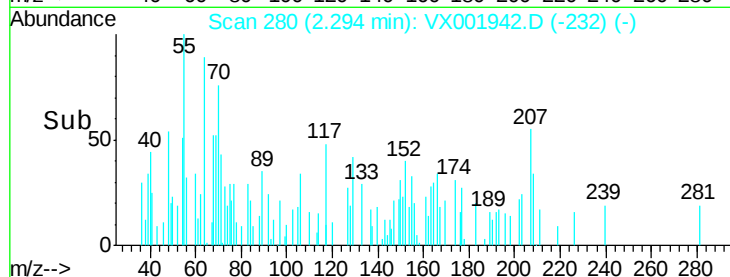
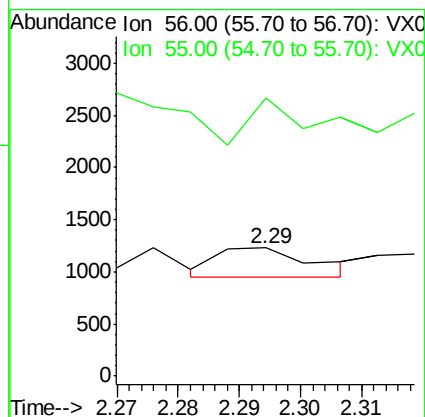
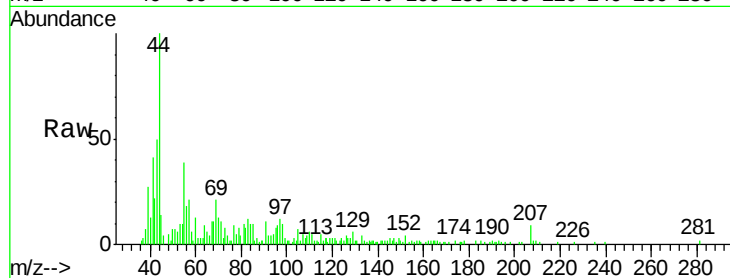
VX0524WBL01

Tgt Ion: 56 Resp: 311

Ion Ratio Lower Upper

56 100

55 116.4 56.8 85.2#



#15

Acrylonitrile

Concen: 0.35 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001942.D

Acq: 24 May 2018 15:40

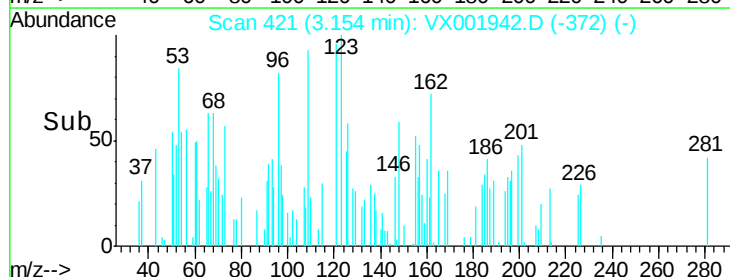
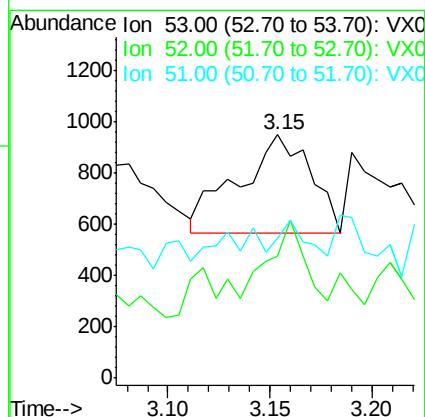
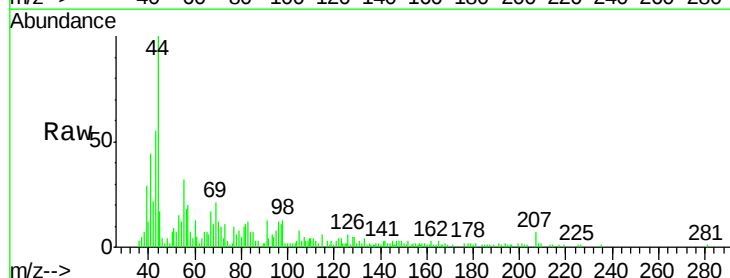
Tgt Ion: 53 Resp: 950

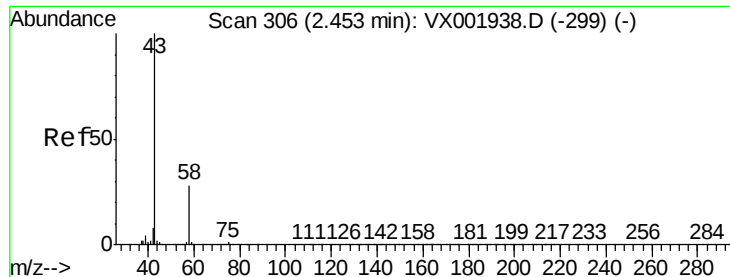
Ion Ratio Lower Upper

53 100

52 38.7 66.4 99.6#

51 20.6 29.3 43.9#





#16

Acetone

Concen: 0.67 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001942.D

Acq: 24 May 2018 15:40

Instrument :

MSVOA_X

ClientSampleId :

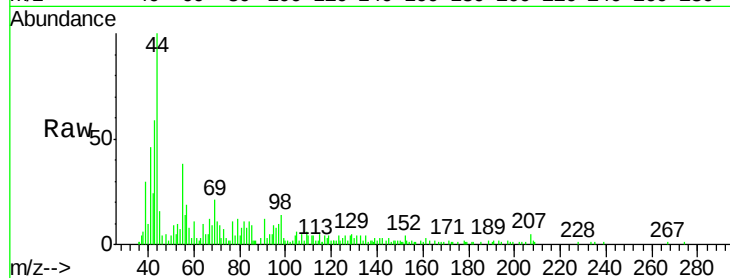
VX0524WBL01

Tgt Ion: 43 Resp: 1755

Ion Ratio Lower Upper

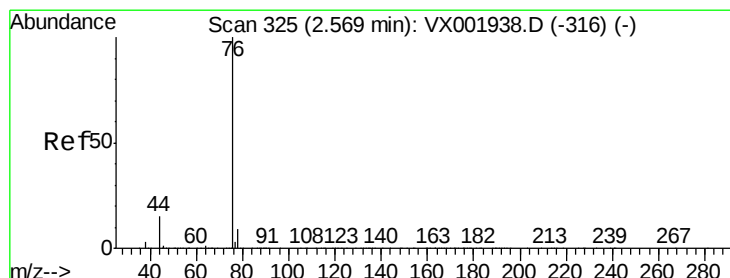
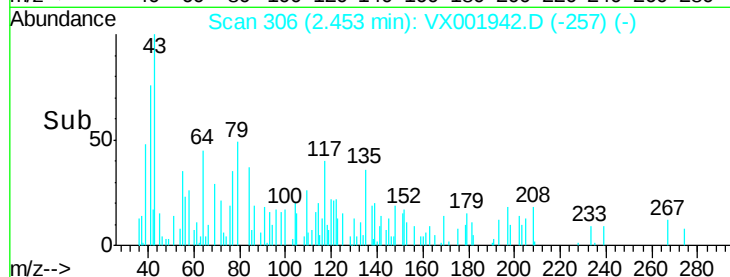
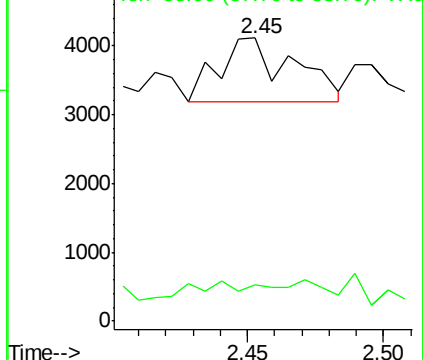
43 100

58 15.4 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.27 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001942.D

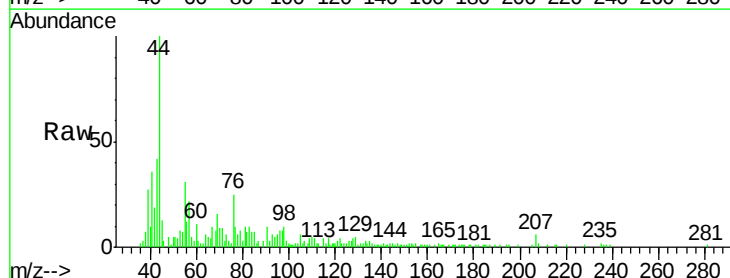
Acq: 24 May 2018 15:40

Tgt Ion: 76 Resp: 3416

Ion Ratio Lower Upper

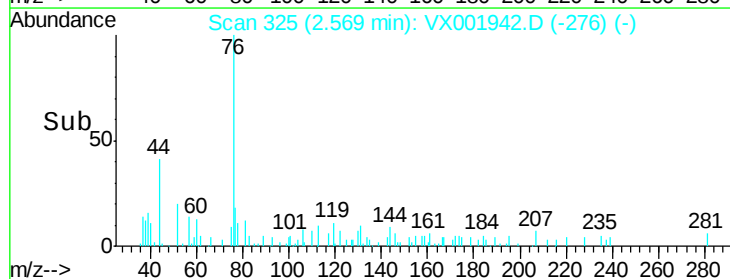
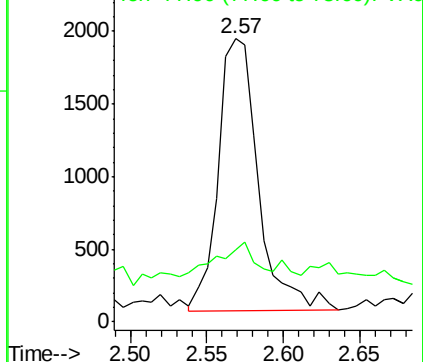
76 100

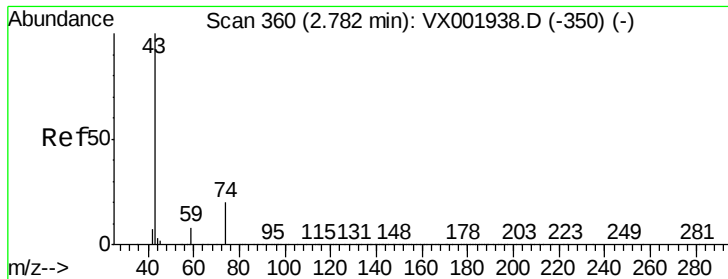
78 8.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

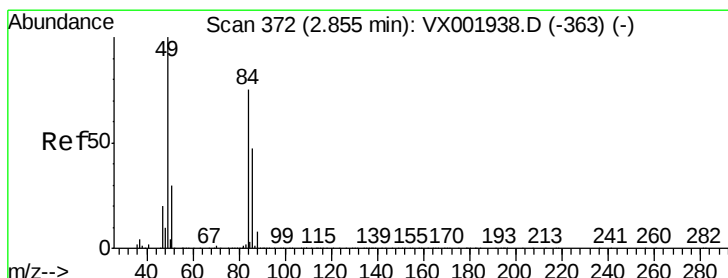
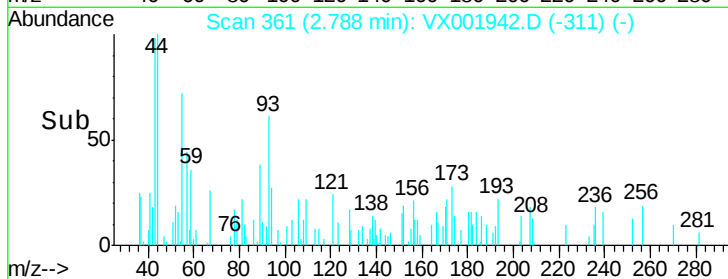
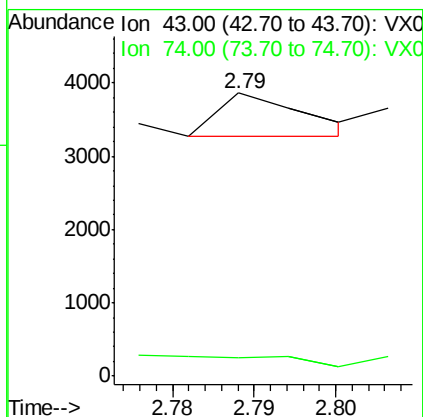
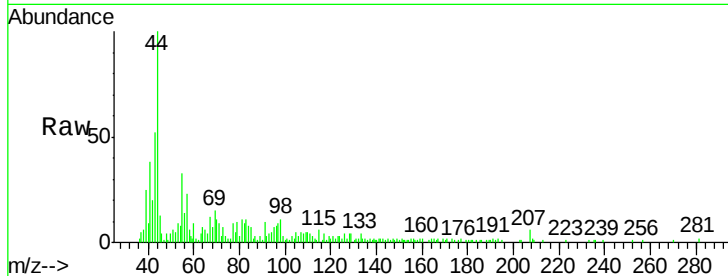




#18
Methyl Acetate
Concen: Below Cal
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001942.D
Acq: 24 May 2018 15:40

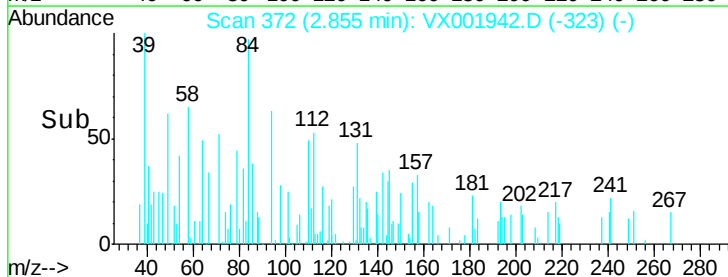
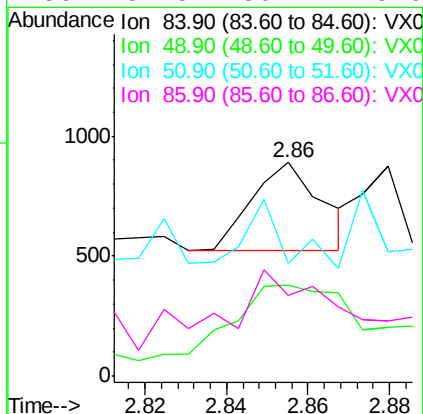
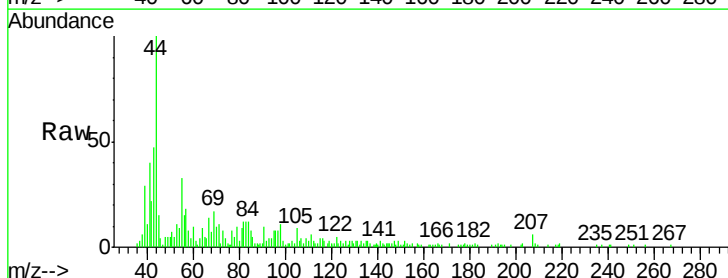
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBL01

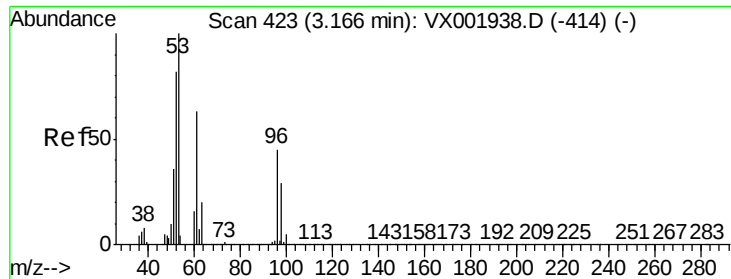
Tgt Ion: 43 Resp: 433
Ion Ratio Lower Upper
43 100
74 57.0 16.8 25.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX001942.D
Acq: 24 May 2018 15:40

Tgt Ion: 84 Resp: 437
Ion Ratio Lower Upper
84 100
49 79.1 107.2 160.8#
51 6.8 32.4 48.6#
86 37.5 50.4 75.6#





#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001942.D

Acq: 24 May 2018 15:40

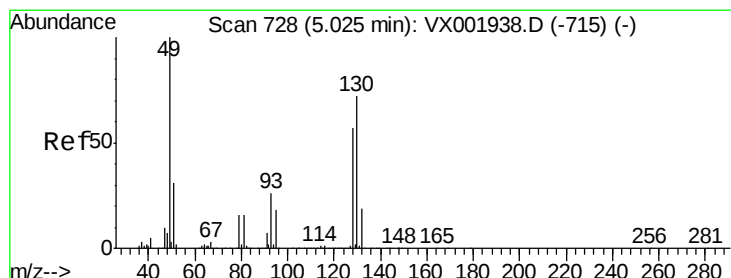
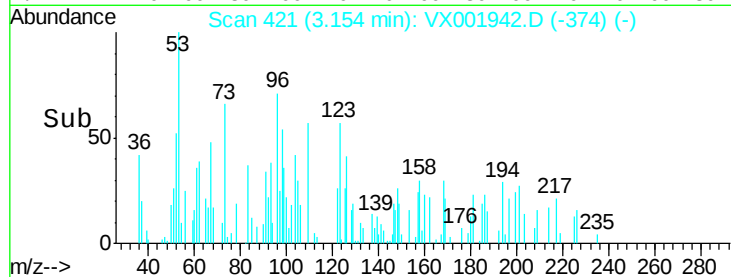
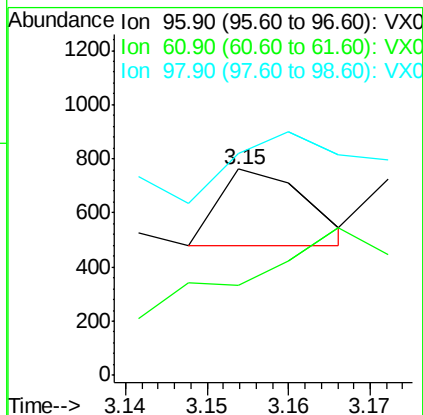
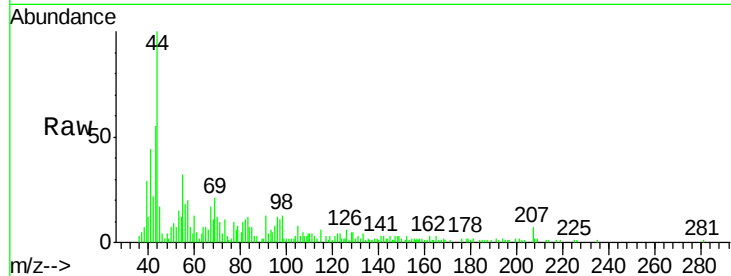
Instrument :

MSVOA_X

ClientSampleId :

VX0524WBL01

Tgt Ion:	96	Resp:	211
Ion	Ratio	Lower	Upper
96	100		
61	0.0	113.3	169.9#
98	66.5	51.7	77.5



#28

Bromochloromethane

Concen: Below Cal

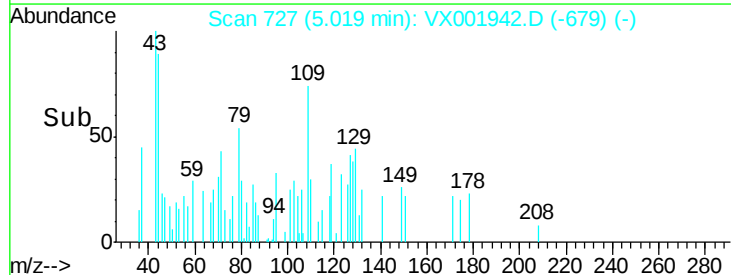
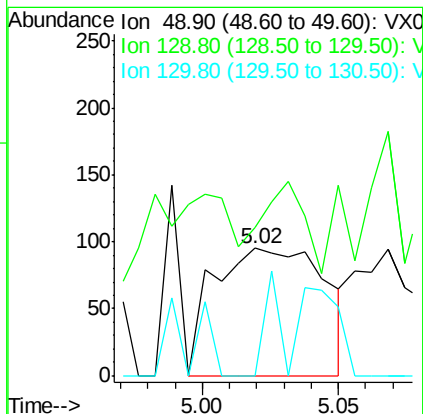
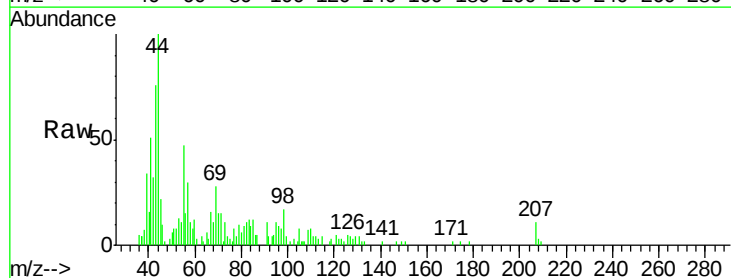
RT: 5.02 min Scan# 727

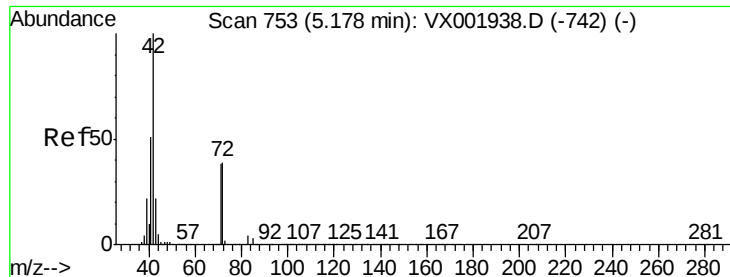
Delta R.T. -0.01 min

Lab File: VX001942.D

Acq: 24 May 2018 15:40

Tgt Ion:	49	Resp:	271
Ion	Ratio	Lower	Upper
49	100		
129	22.5	0.0	3.8#
130	10.7	59.4	89.2#





#29

Tetrahydrofuran

Concen: 0.46 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001942.D

Acq: 24 May 2018 15:40

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBL01

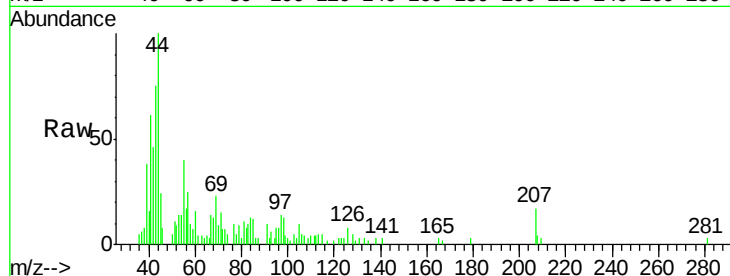
Tgt Ion: 42 Resp: 1456

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

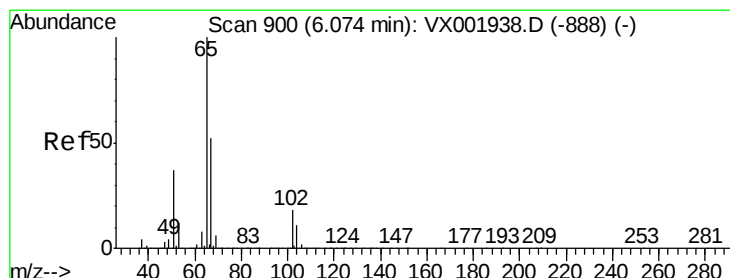
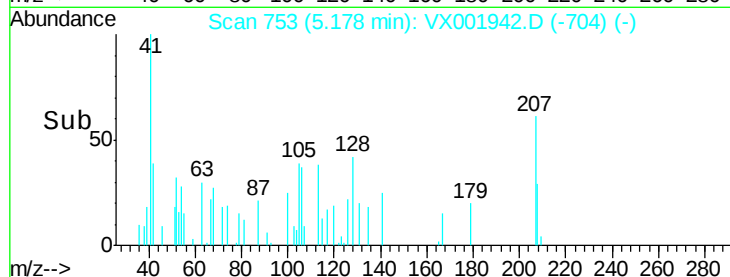
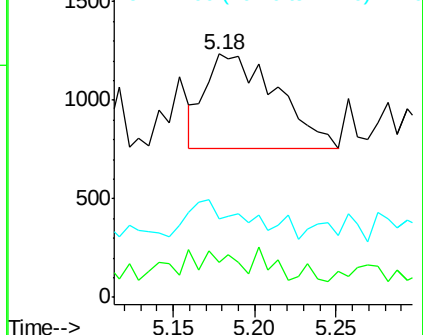
71 18.6 29.5 44.3#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 39.74 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001942.D

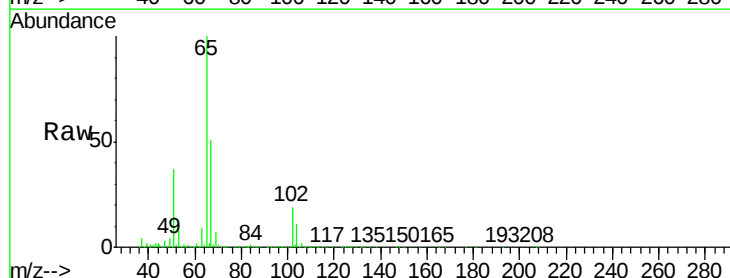
Acq: 24 May 2018 15:40

Tgt Ion: 65 Resp: 271021

Ion Ratio Lower Upper

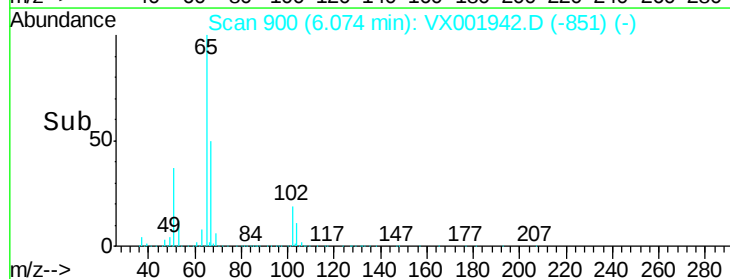
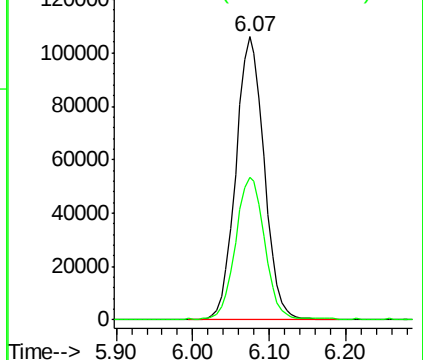
65 100

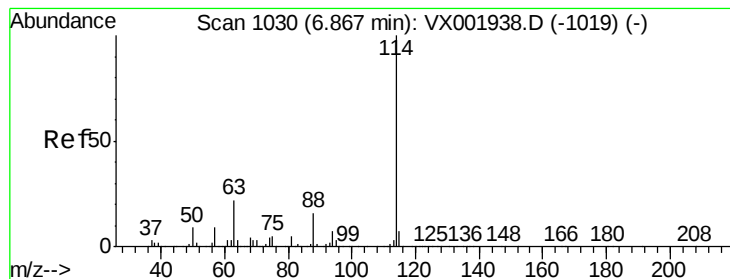
67 51.5 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001942.D

Acq: 24 May 2018 15:40

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBL01

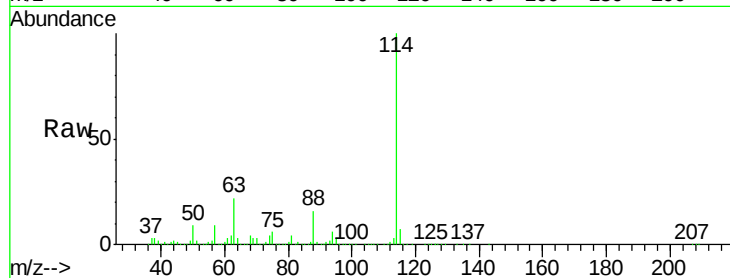
Tgt Ion:114 Resp: 543745

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

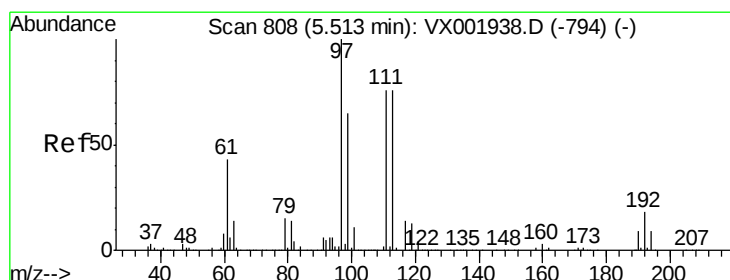
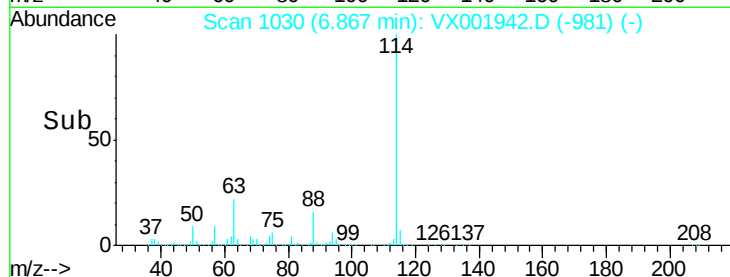
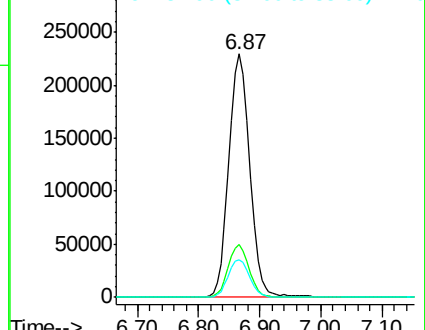
88 15.6 0.0 31.6



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: 39.00 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001942.D

Acq: 24 May 2018 15:40

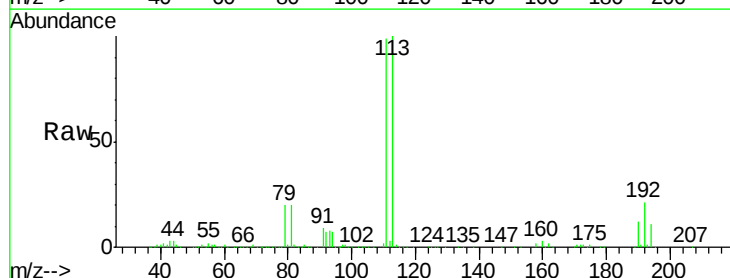
Tgt Ion:113 Resp: 212070

Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

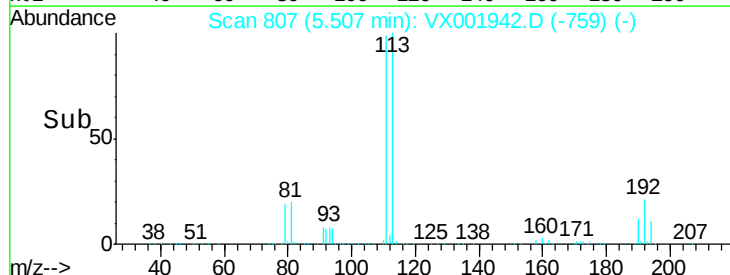
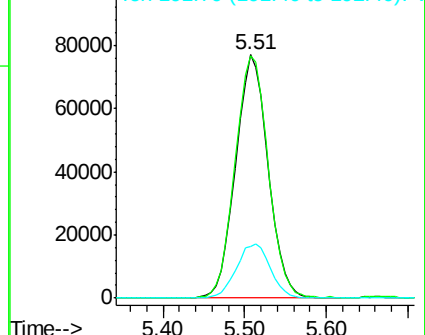
192 23.6 18.9 28.3

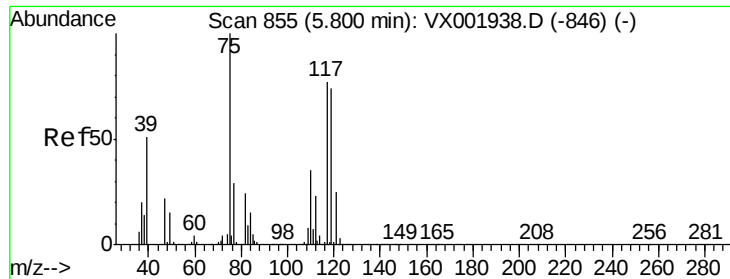


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.63 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX001942.D

Acq: 24 May 2018 15:40

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBL01

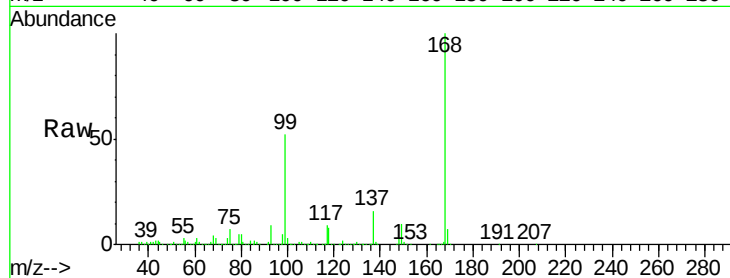
Tgt Ion: 75 Resp: 27458

Ion Ratio Lower Upper

75 100

110 9.1 17.4 52.2#

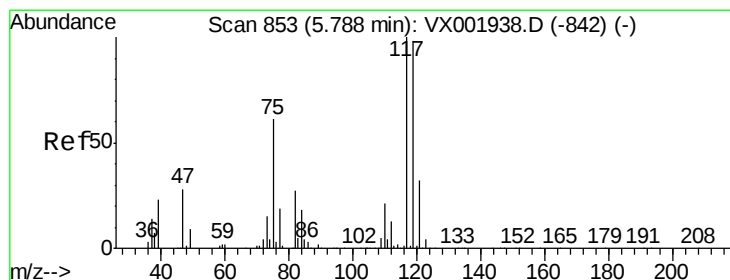
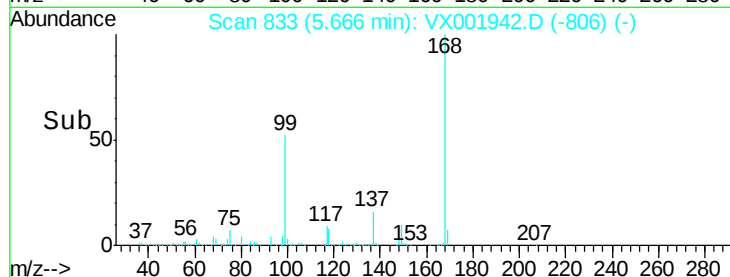
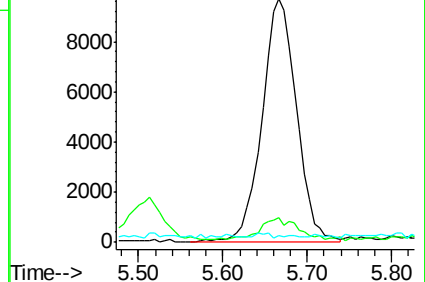
77 0.3 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 3.99 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001942.D

Acq: 24 May 2018 15:40

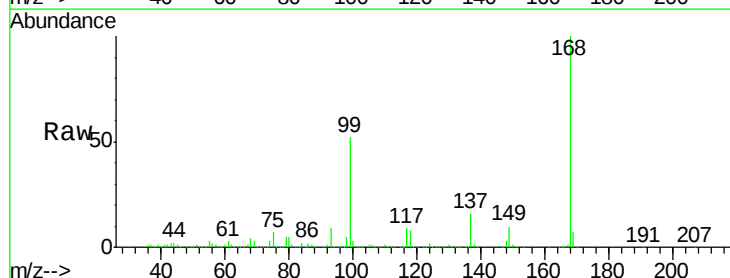
Tgt Ion: 117 Resp: 35183

Ion Ratio Lower Upper

117 100

119 4.4 78.5 117.7#

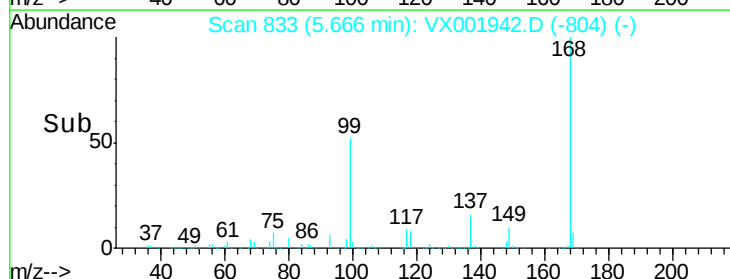
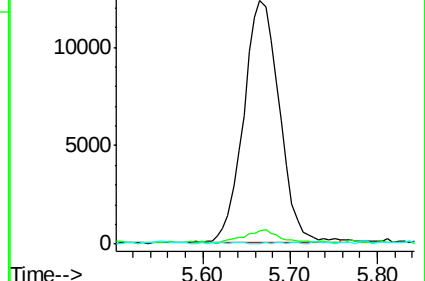
121 0.0 25.5 38.3#

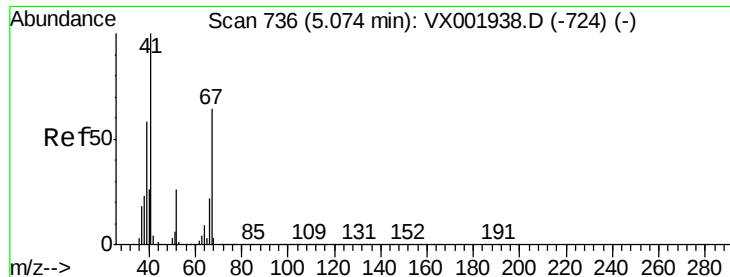


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

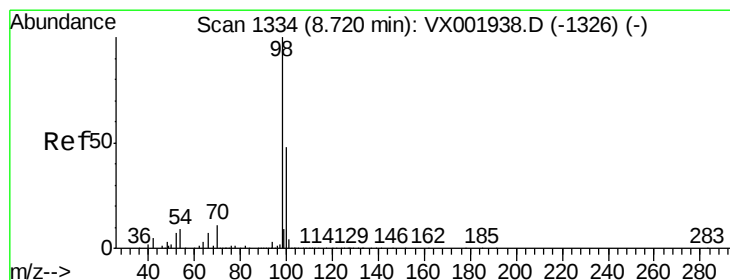
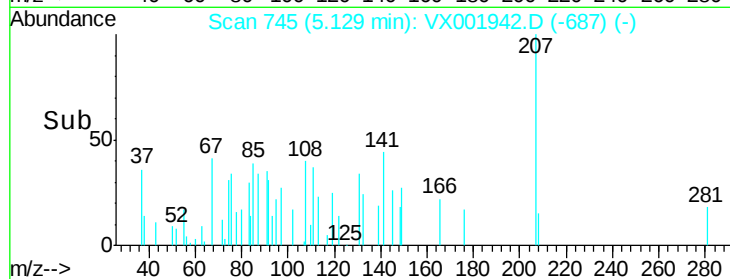
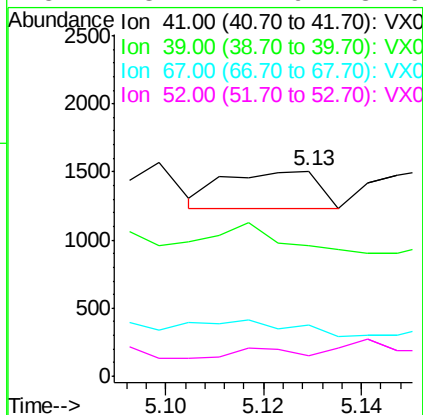
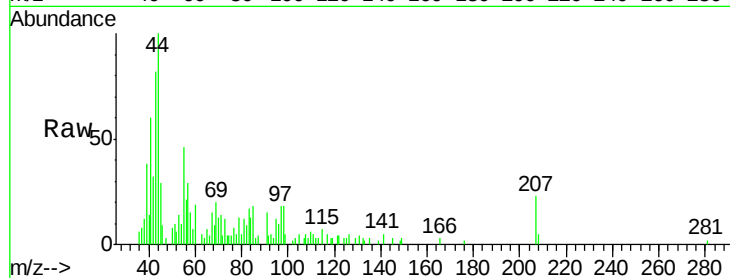




#41
Methacrylonitrile
Concen: Below Cal
RT: 5.13 min Scan# 745
Delta R.T. 0.06 min
Lab File: VX001942.D
Acq: 24 May 2018 15:40

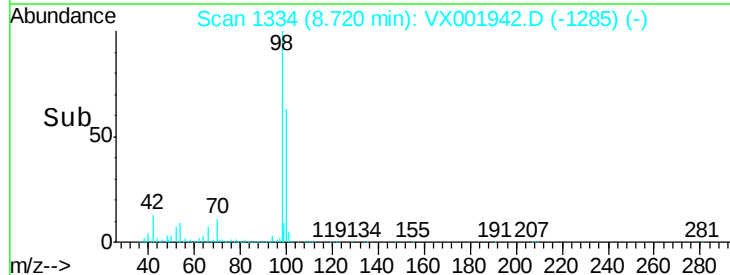
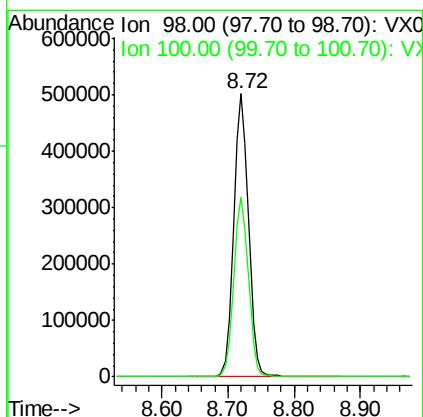
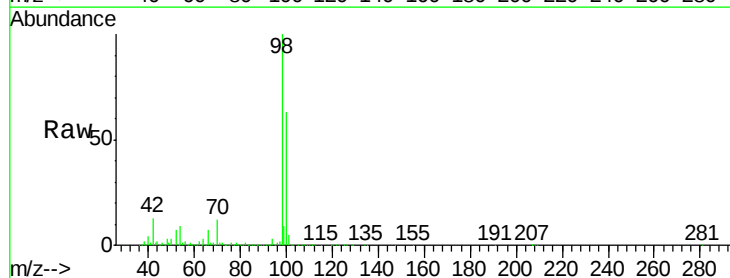
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBL01

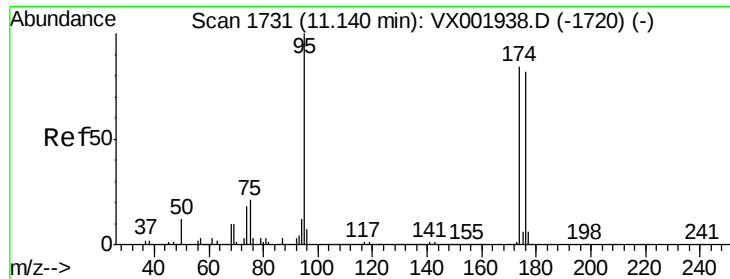
Tgt Ion:	41	Resp:	368
Ion	Ratio	Lower	Upper
41	100		
39	67.1	46.0	69.0
67	57.1	50.6	75.8
52	23.4	21.9	32.9



#50
Toluene-d8
Concen: 39.33 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001942.D
Acq: 24 May 2018 15:40

Tgt Ion:	98	Resp:	774263
Ion	Ratio	Lower	Upper
98	100		
100	63.1	51.5	77.3

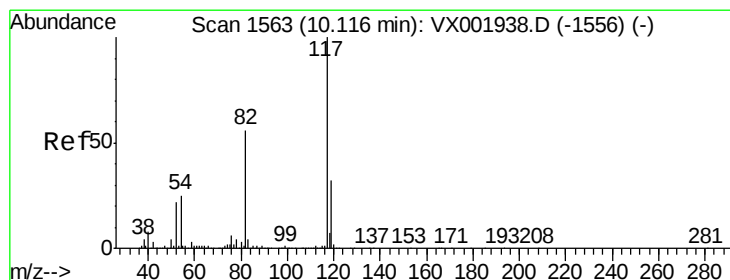
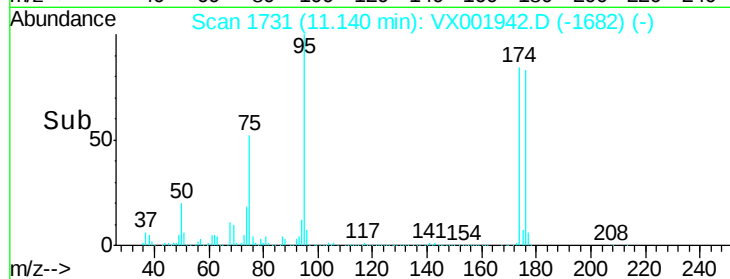
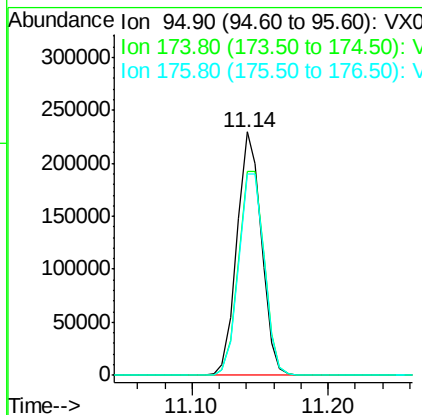
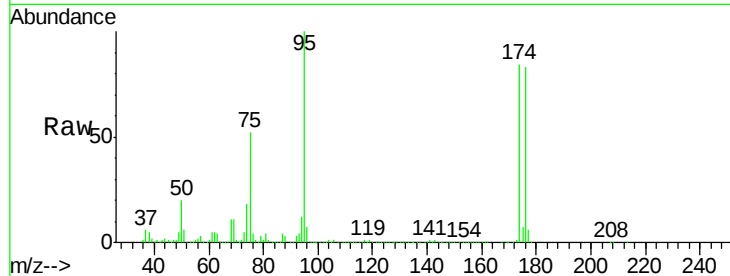




#62
4-Bromofluorobenzene
Concen: 37.20 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001942.D
Acq: 24 May 2018 15:40

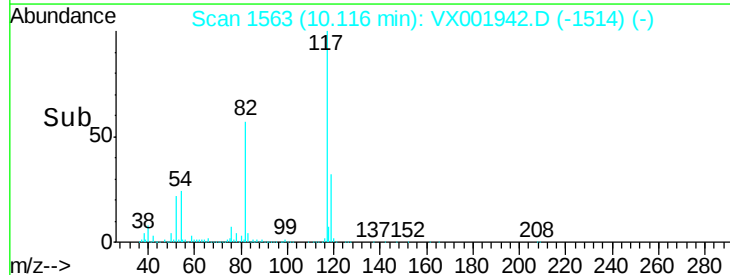
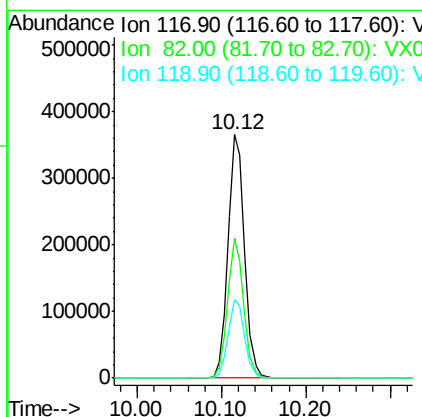
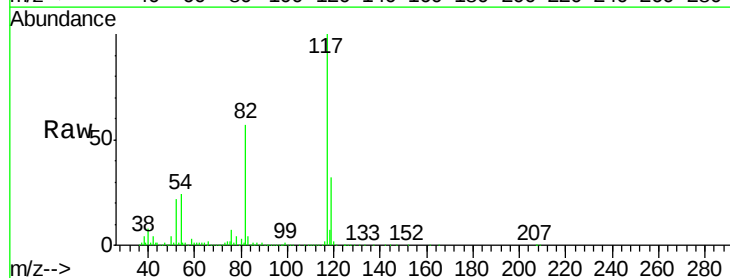
Instrument :
MSVOA_X
ClientSampleId :
VX0524WBL01

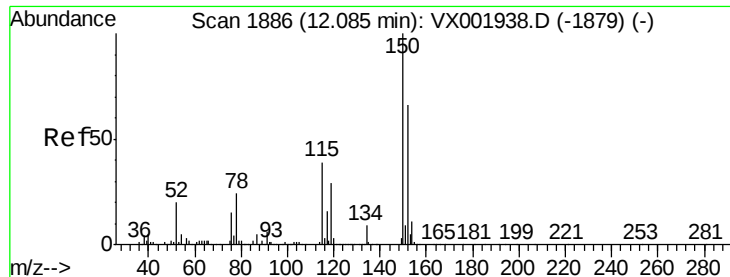
Tgt Ion: 95 Resp: 286523
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.8
176 87.3 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001942.D
Acq: 24 May 2018 15:40

Tgt Ion: 117 Resp: 490731
Ion Ratio Lower Upper
117 100
82 57.2 44.8 67.2
119 32.5 25.5 38.3

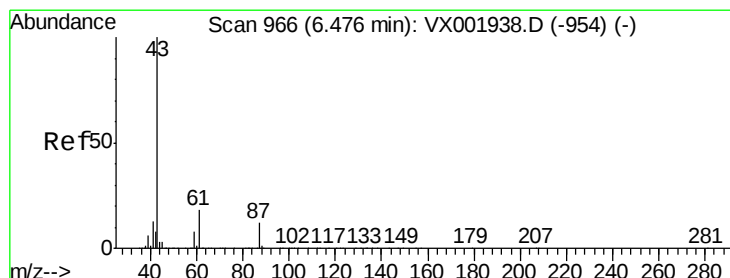
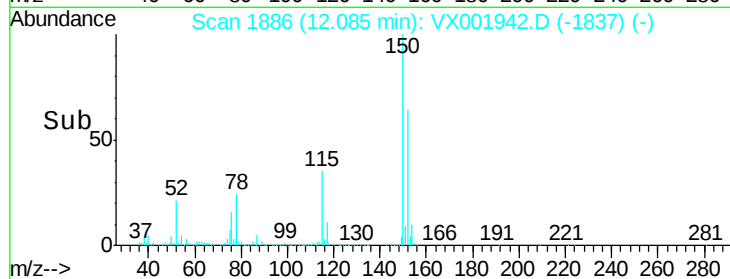
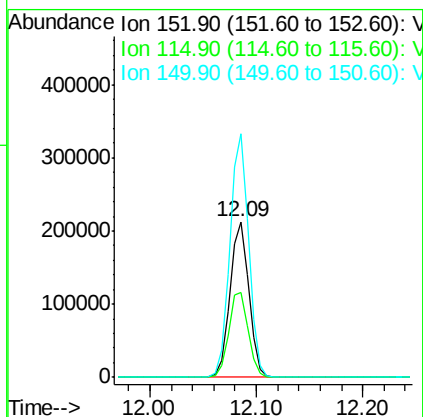
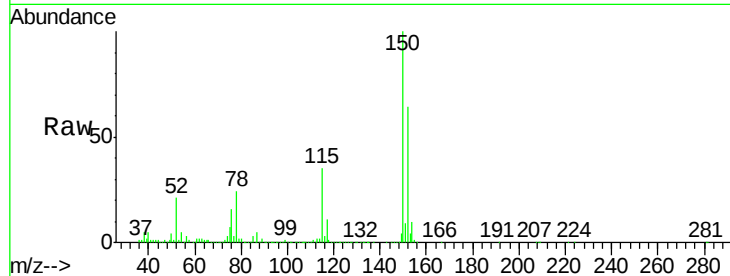




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001942.D
 Acq: 24 May 2018 15:40

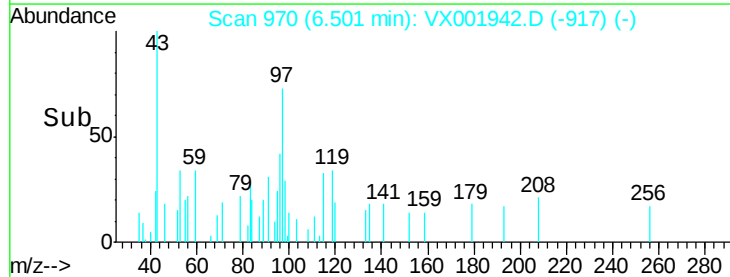
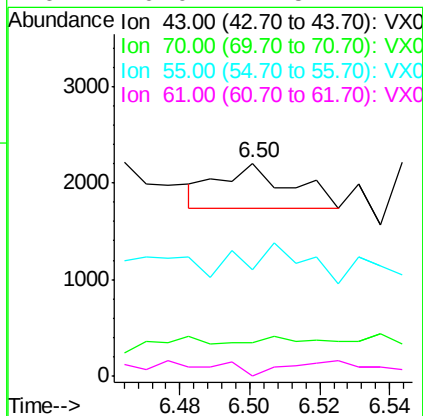
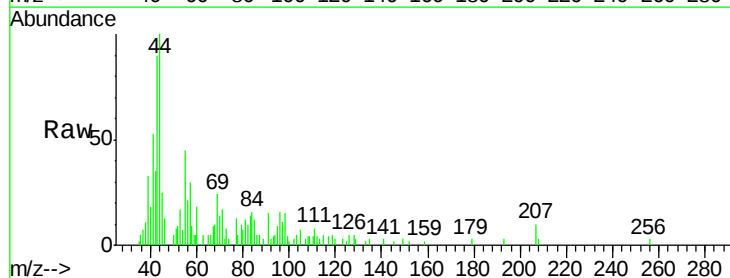
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBL01

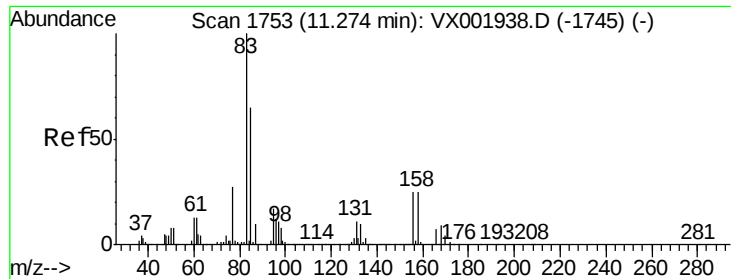
Tgt Ion: 152 Resp: 264131
 Ion Ratio Lower Upper
 152 100
 115 56.0 42.3 126.8
 150 155.6 0.0 351.0



#74
 N-ethyl acetate
 Concen: Below Cal
 RT: 6.50 min Scan# 970
 Delta R.T. 0.02 min
 Lab File: VX001942.D
 Acq: 24 May 2018 15:40

Tgt Ion: 43 Resp: 647
 Ion Ratio Lower Upper
 43 100
 70 19.9 0.1 0.1#
 55 78.5 0.1 0.1#
 61 0.0 14.5 21.7#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX001942.D

Acq: 24 May 2018 15:40

Instrument :

MSVOA_X

ClientSampleId :

VX0524WBL01

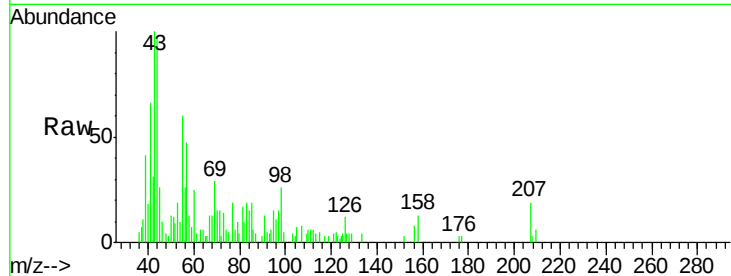
Tgt Ion: 83 Resp: 203

Ion Ratio Lower Upper

83 100

131 14.8 5.7 17.0

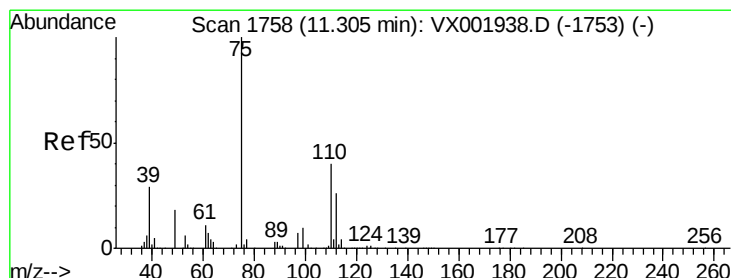
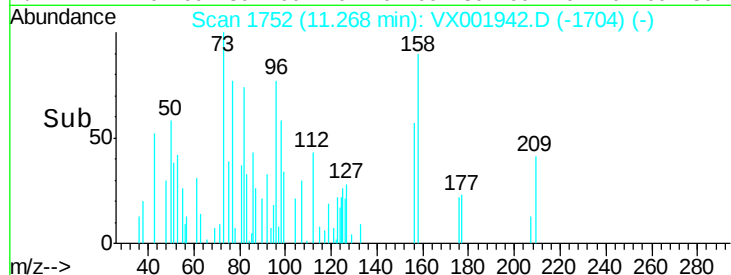
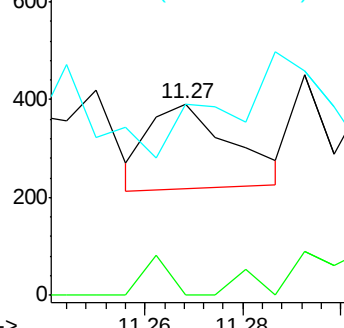
85 0.0 32.6 97.7#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001942.D

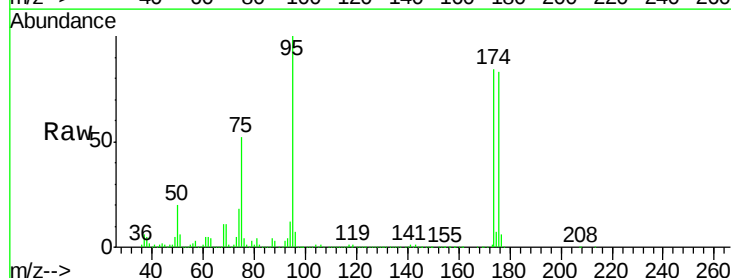
Acq: 24 May 2018 15:40

Tgt Ion: 75 Resp: 146552

Ion Ratio Lower Upper

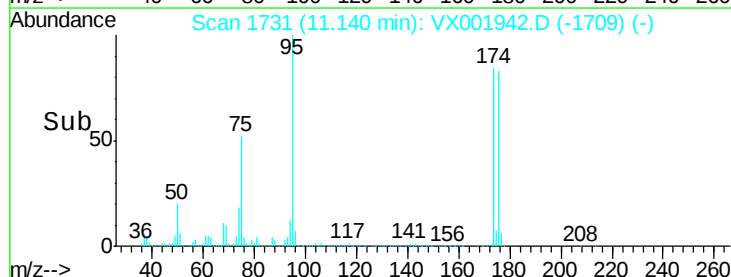
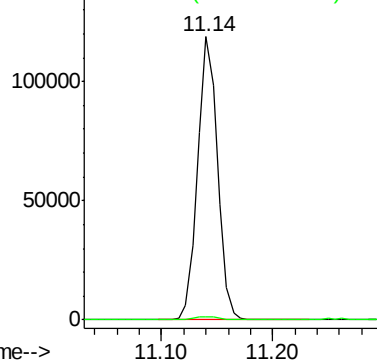
75 100

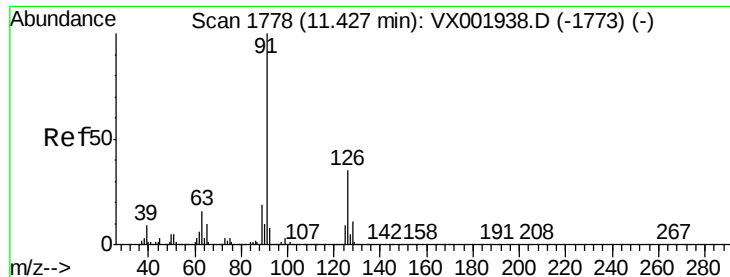
77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

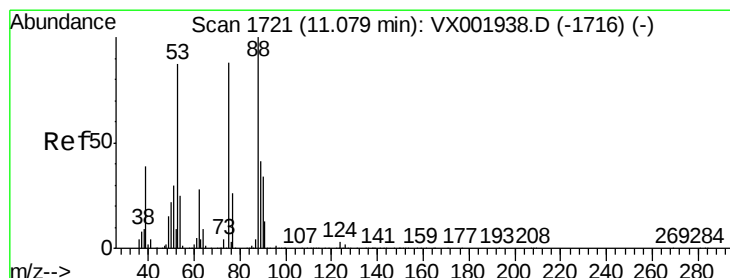
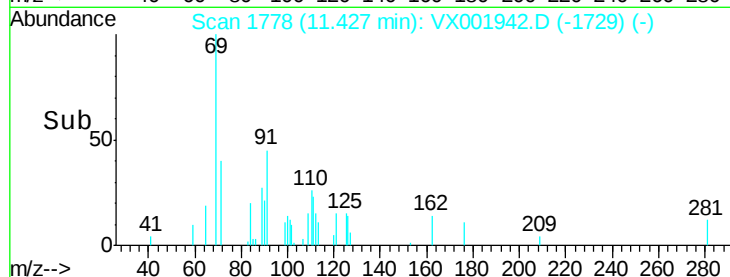
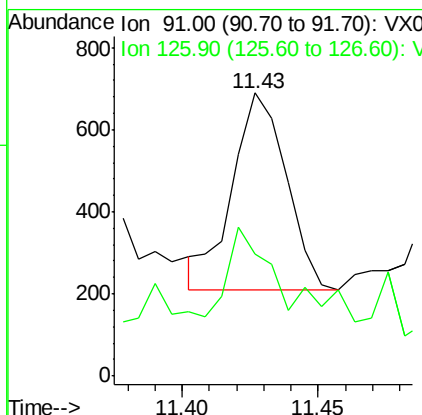
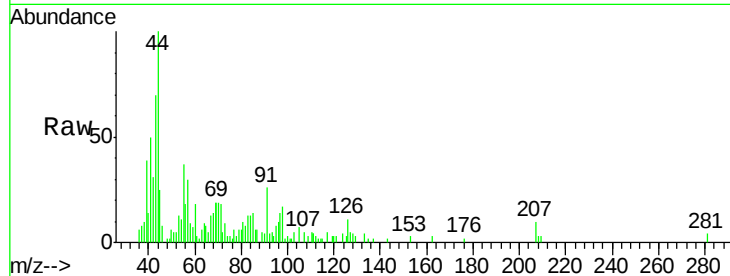




#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001942.D
 Acq: 24 May 2018 15:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524WBL01

Tgt Ion: 91 Resp: 660
 Ion Ratio Lower Upper
 91 100
 126 45.5 17.4 52.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.52 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001942.D
 Acq: 24 May 2018 15:40

Tgt Ion: 75 Resp: 146552
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 39.4 59.2#

