

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040818\
 Data File : VX000735.D
 Acq On : 08 Apr 2018 16:55
 Operator : JC/MD
 Sample : J2190-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CONDENSATE-EFF-040218

Quant Time: Apr 09 06:42:31 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	449464	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	418840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	250178	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	165713	44.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.62%	
35) Dibromofluoromethane	5.51	113	138171	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
50) Toluene-d8	8.72	98	519006	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
62) 4-Bromofluorobenzene	11.14	95	213122	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	

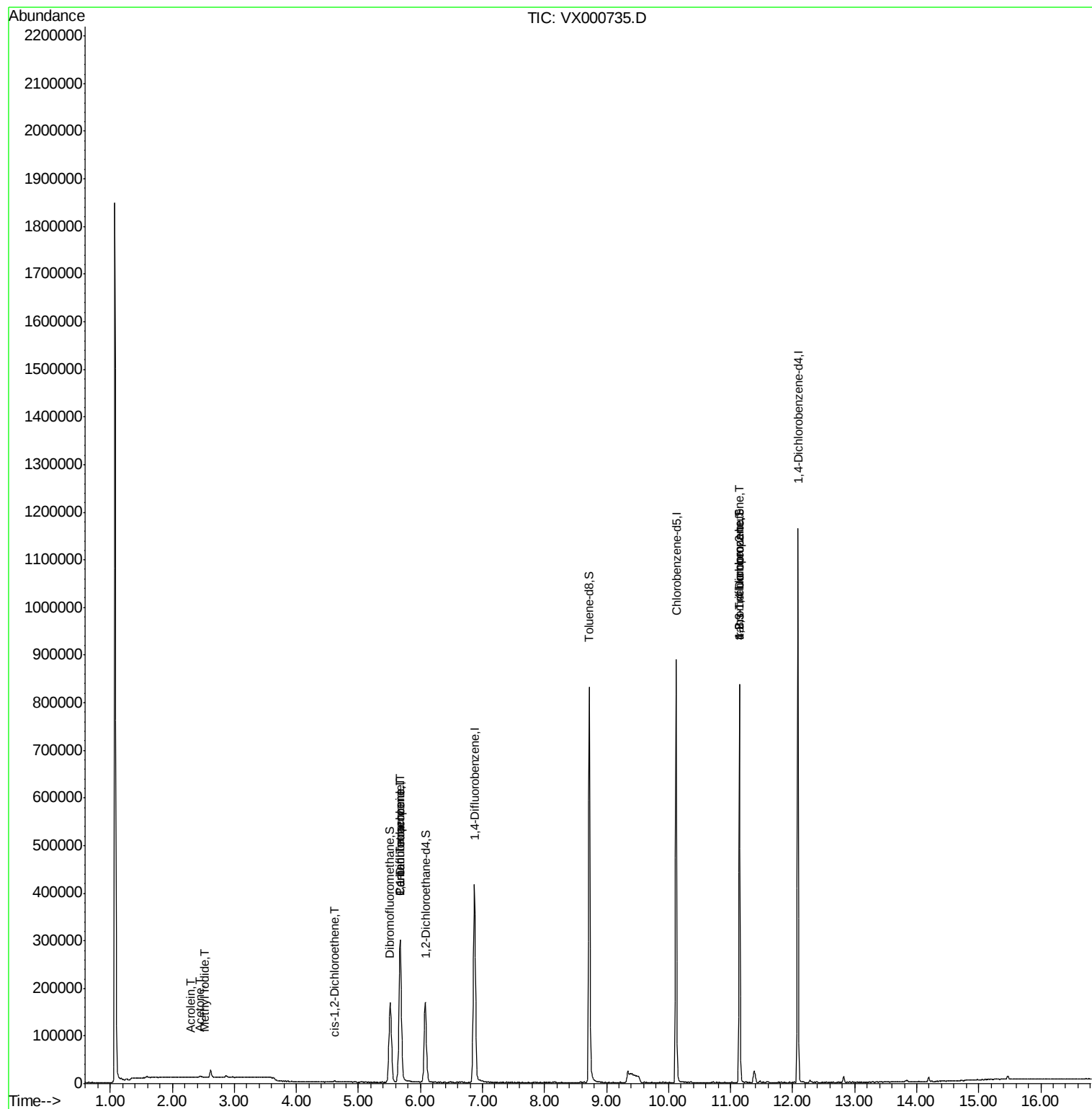
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	451	Below Cal	#	79
5) Bromomethane	1.66	94	189	Below Cal	#	77
8) Diethyl Ether	2.19	74	197	Below Cal		53
10) Methyl Iodide	2.52	142	120	5.40	ug/l #	34
13) Acrolein	2.29	56	59	0.21	ug/l #	1
16) Acetone	2.45	43	3237	2.79	ug/l	90
17) Carbon Disulfide	2.57	76	462	Below Cal	#	36
20) Methylene Chloride	2.87	84	1504	Below Cal		95
27) cis-1,2-Dichloroethene	4.61	96	1446	0.47	ug/l	71
31) Cyclohexane	5.58	56	173	Below Cal	#	47
36) 1,1-Dichloropropene	5.67	75	19308	5.02	ug/l #	51
38) Carbon Tetrachloride	5.67	117	27050	6.00	ug/l #	15
39) Methylcyclohexane	7.46	83	214	Below Cal	#	17
76) 1,2,3-Trichloropropane	11.14	75	104406	24.53	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.14	75	104406	63.86	ug/l #	10

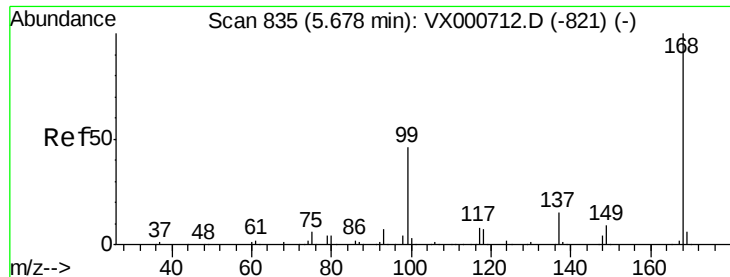
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000735.D

Acq: 08 Apr 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

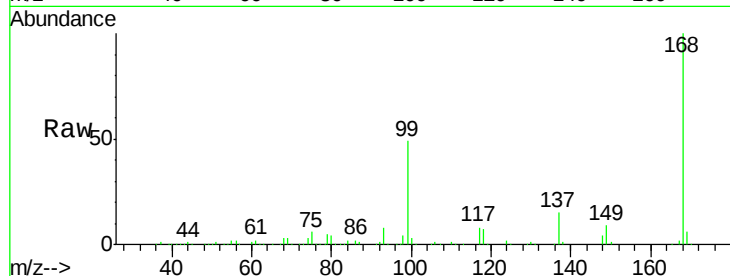
CONDENSATE-EFF-040218

Tgt Ion:168 Resp: 323415

Ion Ratio Lower Upper

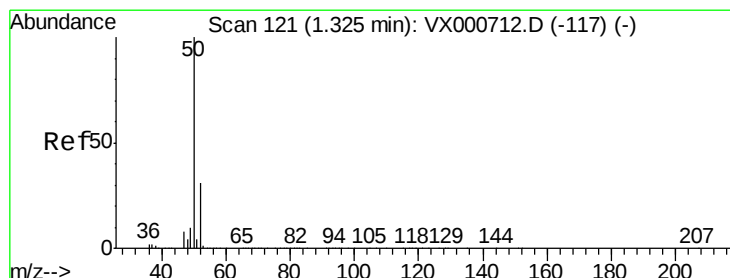
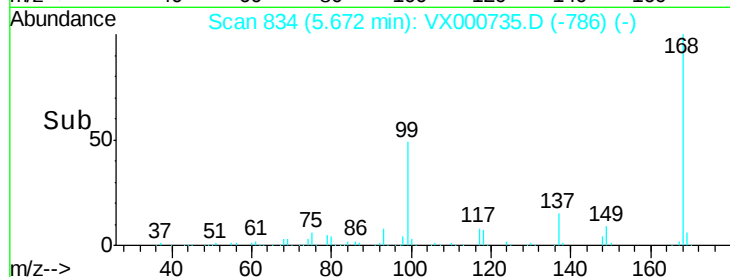
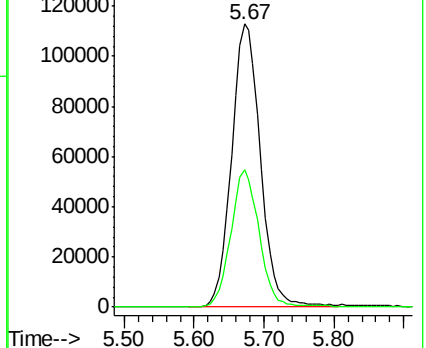
168 100

99 48.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX000735.D

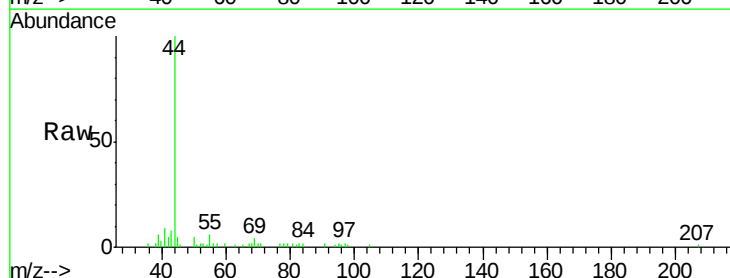
Acq: 08 Apr 2018 16:55

Tgt Ion: 50 Resp: 451

Ion Ratio Lower Upper

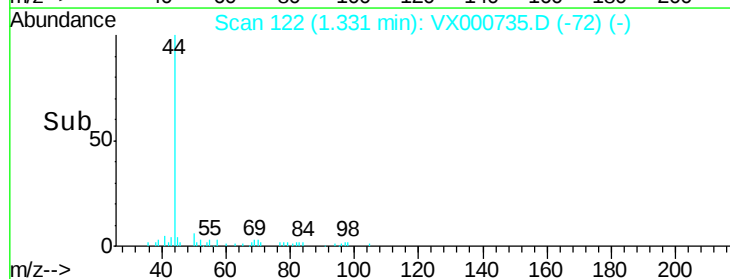
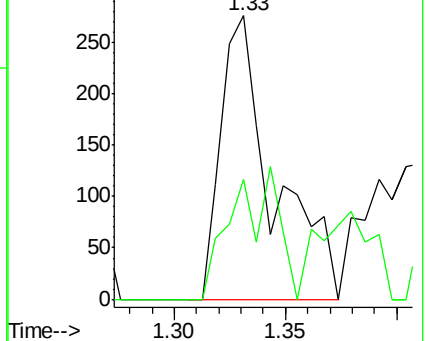
50 100

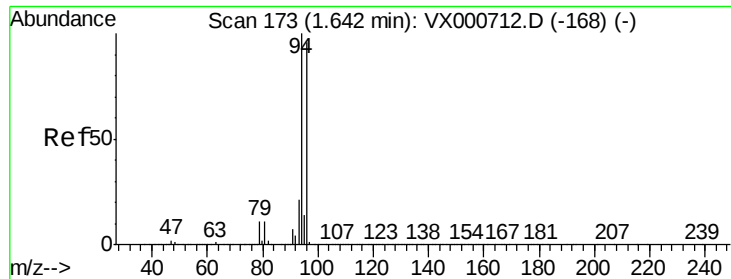
52 42.4 24.9 37.3#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.02 min

Lab File: VX000735.D

Acq: 08 Apr 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

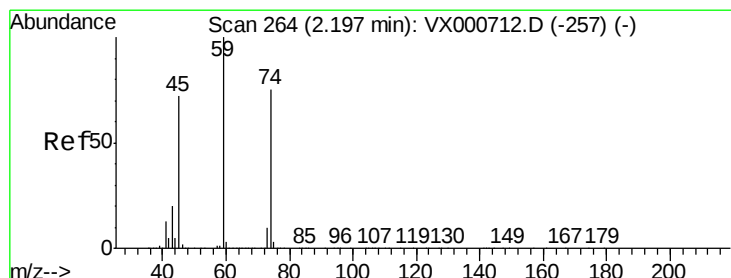
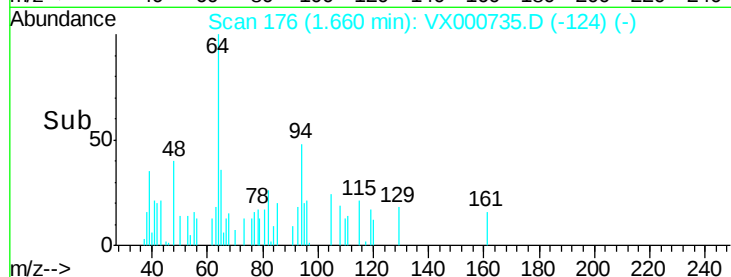
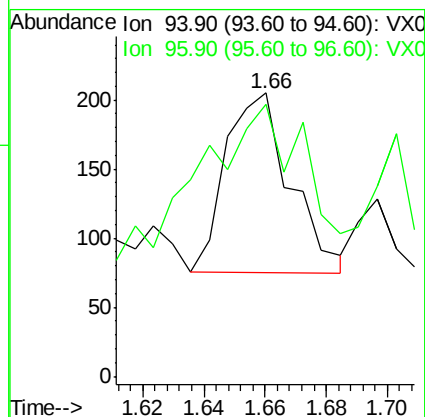
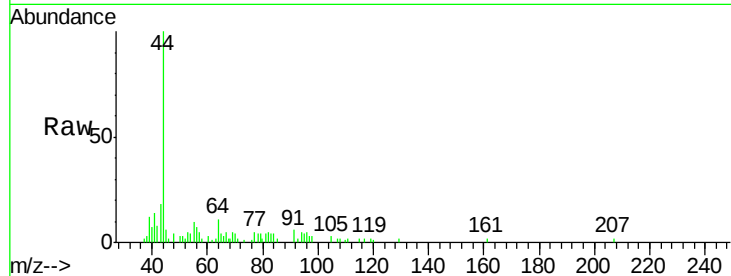
CONDENSATE-EFF-040218

Tgt Ion: 94 Resp: 189

Ion Ratio Lower Upper

94 100

96 72.9 76.5 114.7#



#8

Diethyl Ether

Concen: Below Cal

RT: 2.19 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX000735.D

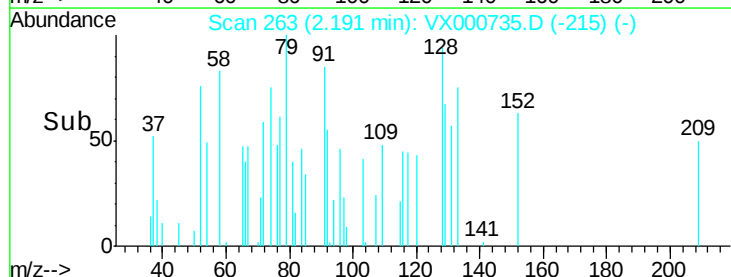
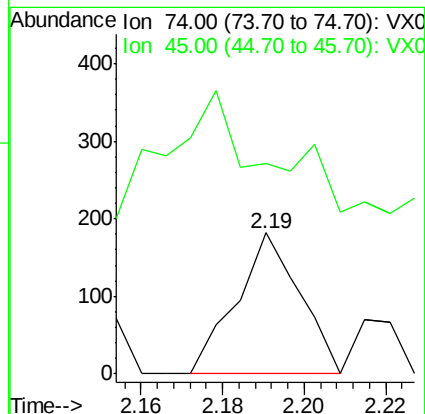
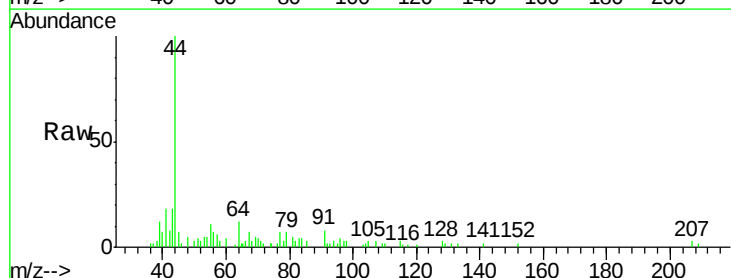
Acq: 08 Apr 2018 16:55

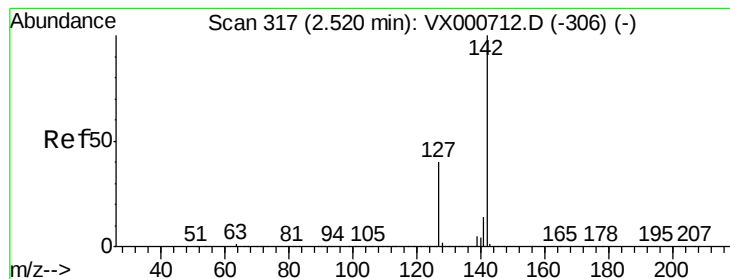
Tgt Ion: 74 Resp: 197

Ion Ratio Lower Upper

74 100

45 143.1 48.4 145.3





#10

Methyl Iodide

Concen: 5.40 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000735.D

Acq: 08 Apr 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

CONDENSATE-EFF-040218

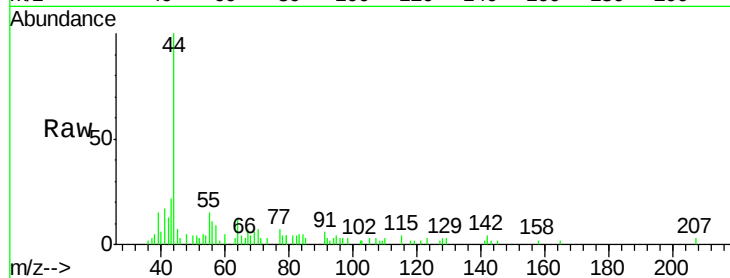
Tgt Ion:142 Resp: 120

Ion Ratio Lower Upper

142 100

127 0.0 33.9 50.9#

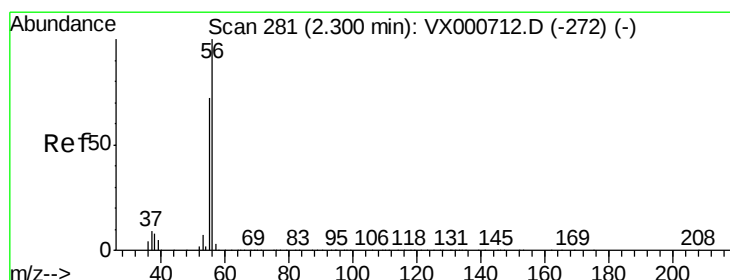
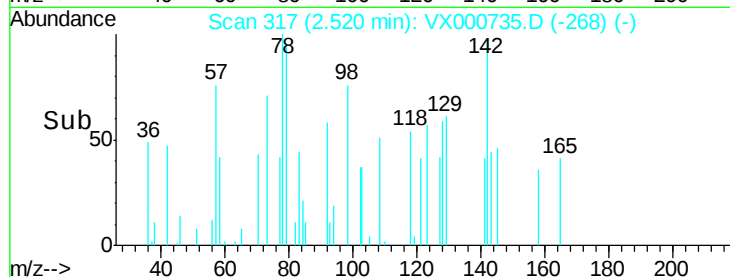
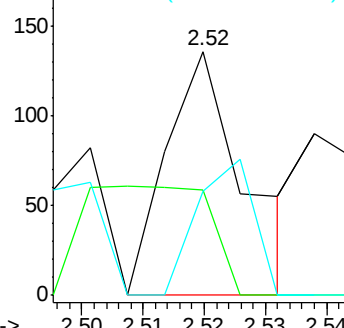
141 40.8 11.4 17.0#



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



#13

Acrolein

Concen: 0.21 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000735.D

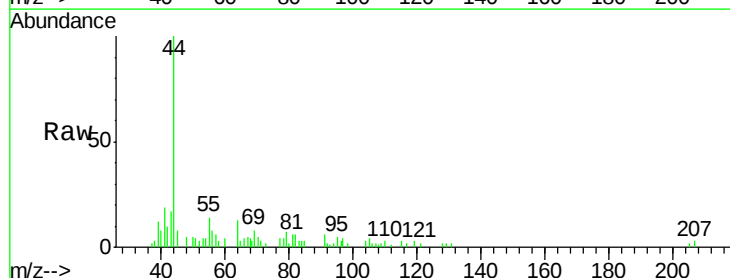
Acq: 08 Apr 2018 16:55

Tgt Ion: 56 Resp: 59

Ion Ratio Lower Upper

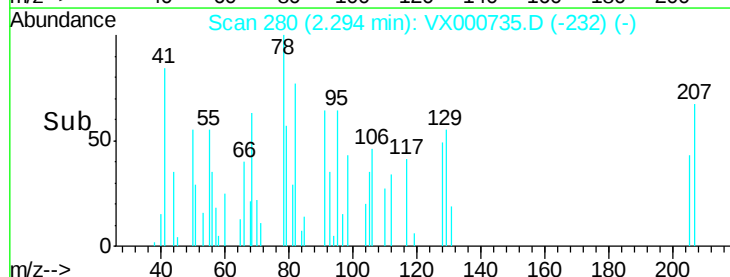
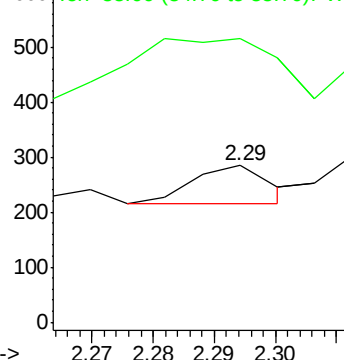
56 100

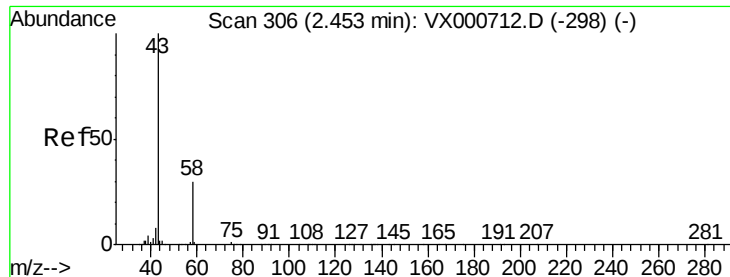
55 308.5 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 2.79 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000735.D

Acq: 08 Apr 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

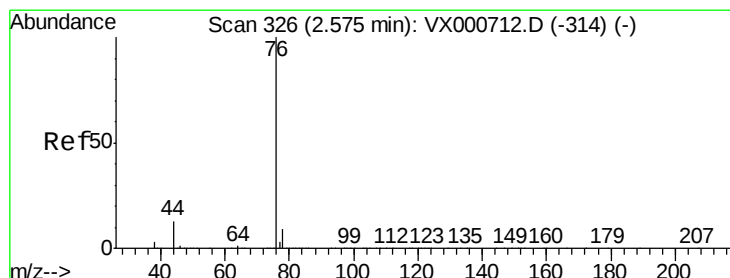
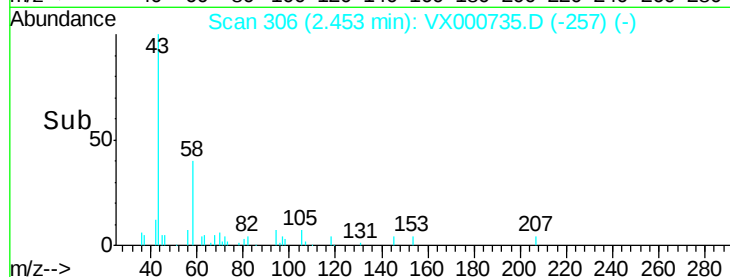
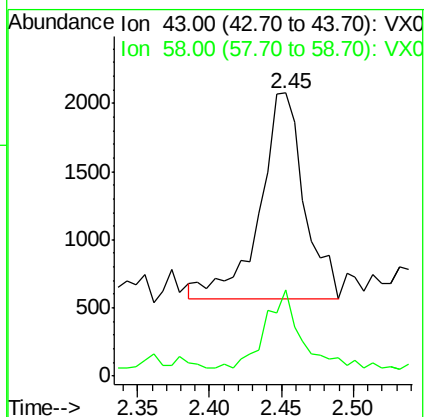
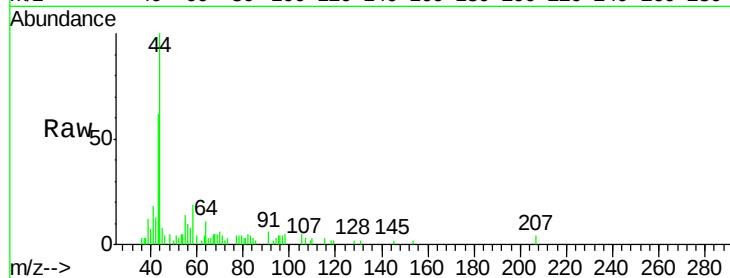
CONDENSATE-EFF-040218

Tgt Ion: 43 Resp: 3237

Ion Ratio Lower Upper

43 100

58 35.7 24.0 36.0



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000735.D

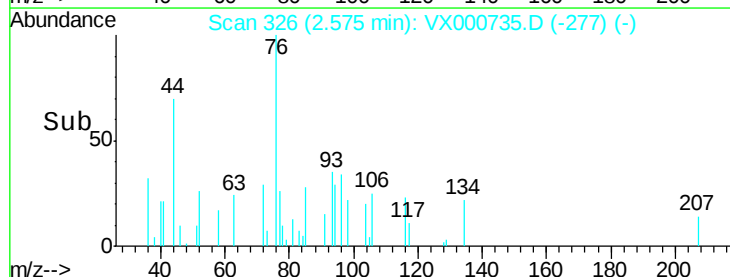
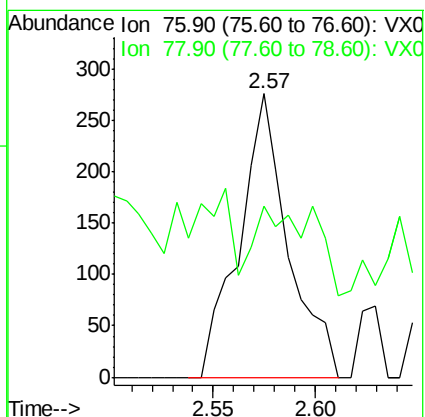
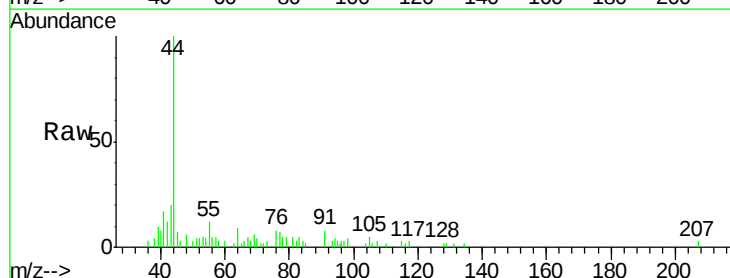
Acq: 08 Apr 2018 16:55

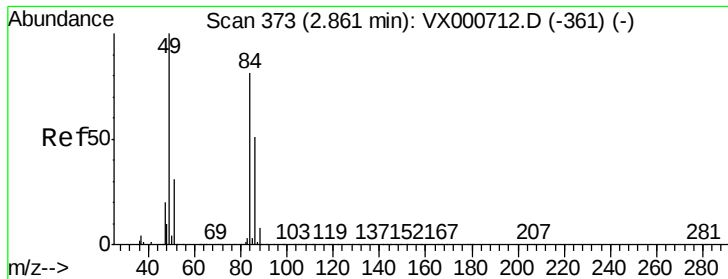
Tgt Ion: 76 Resp: 462

Ion Ratio Lower Upper

76 100

78 31.9 7.1 10.7#

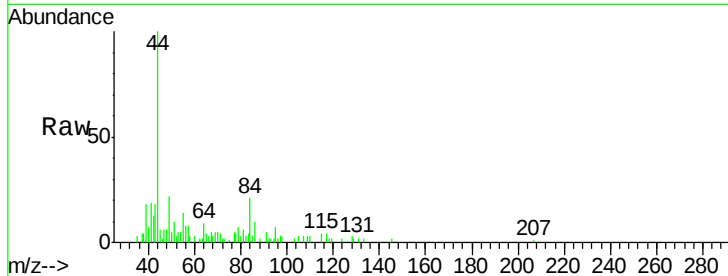




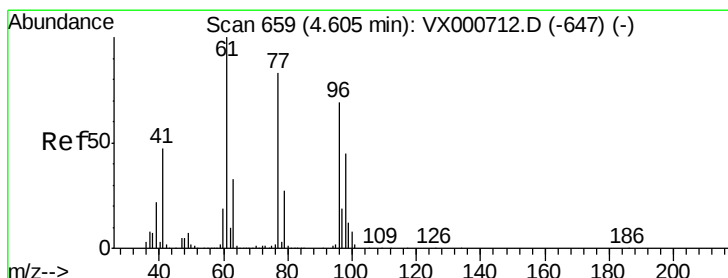
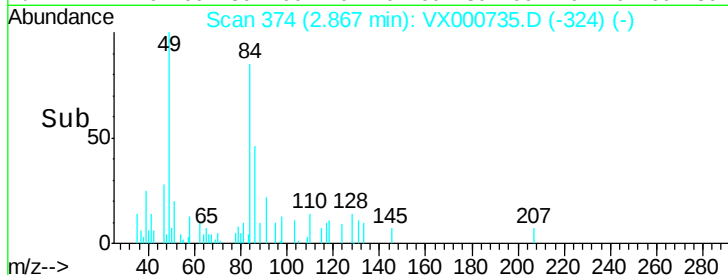
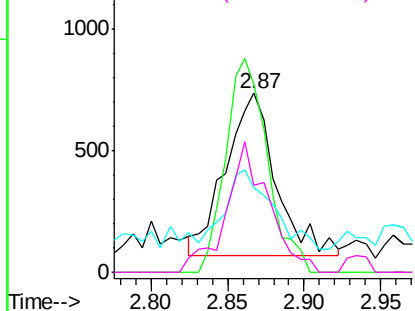
#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000735.D
Acq: 08 Apr 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :
CONDENSATE-EFF-040218

Tgt Ion:	84	Resp:	1504
Ion	Ratio	Lower	Upper
84	100		
49	120.9	98.6	148.0
51	34.8	30.8	46.2
86	56.2	50.8	76.2

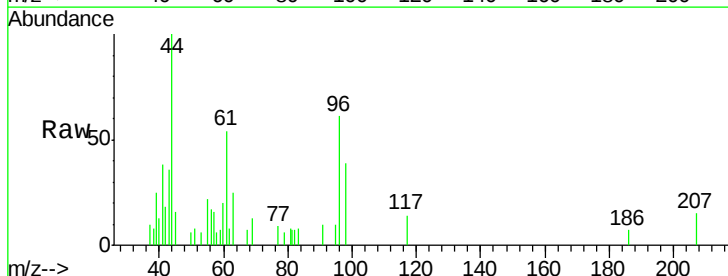


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

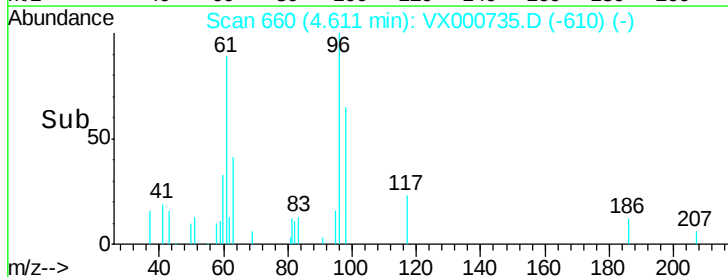
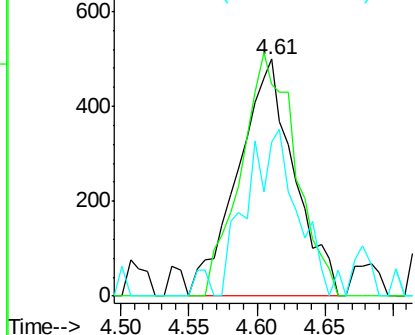


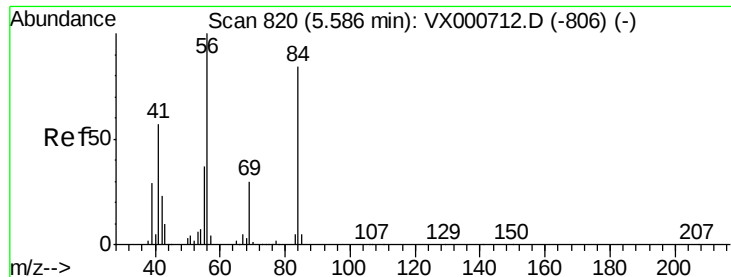
#27
cis-1,2-Dichloroethene
Concen: 0.47 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000735.D
Acq: 08 Apr 2018 16:55

Tgt Ion:	96	Resp:	1446
Ion	Ratio	Lower	Upper
96	100		
61	99.5	0.0	301.0
98	62.1	0.0	129.6



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

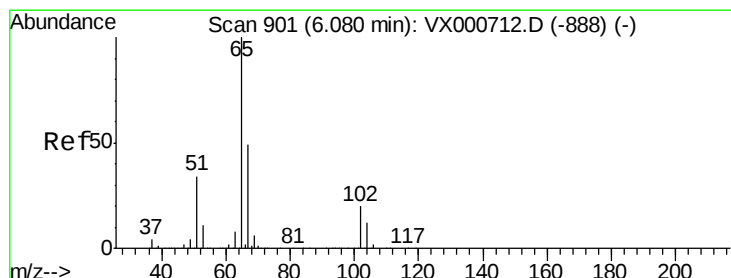
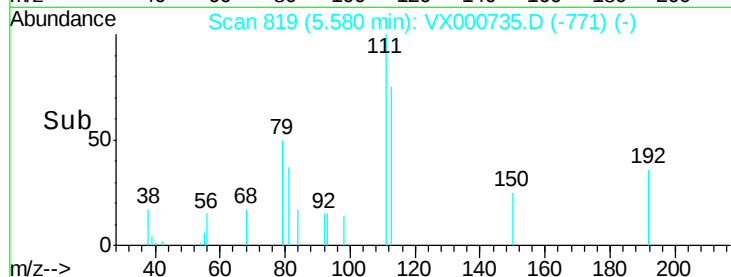
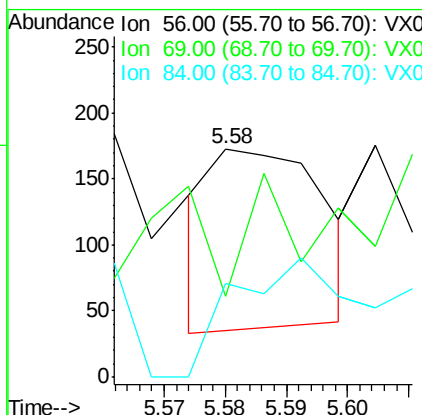
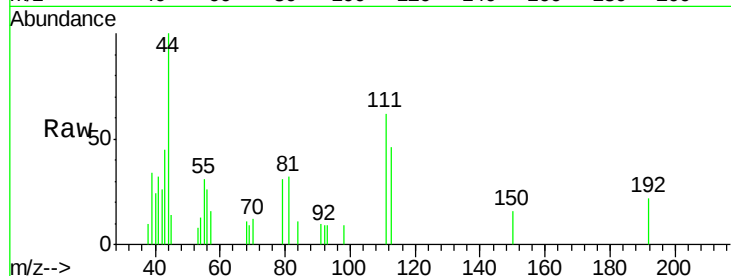




#31
Cyclohexane
Concen: Below Cal
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000735.D
Acq: 08 Apr 2018 16:55

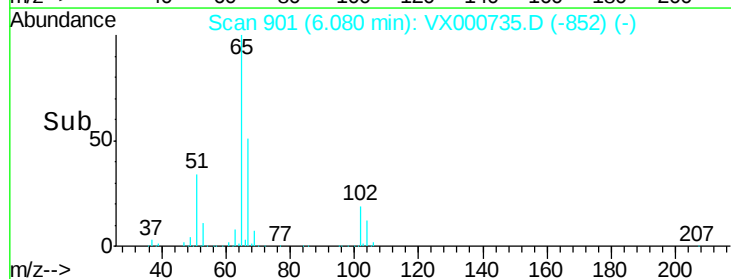
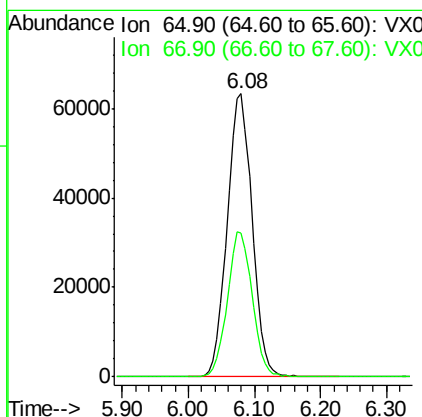
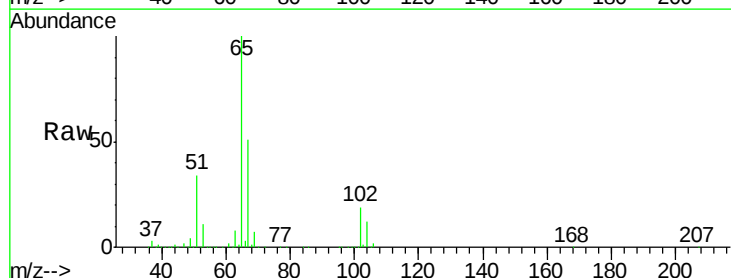
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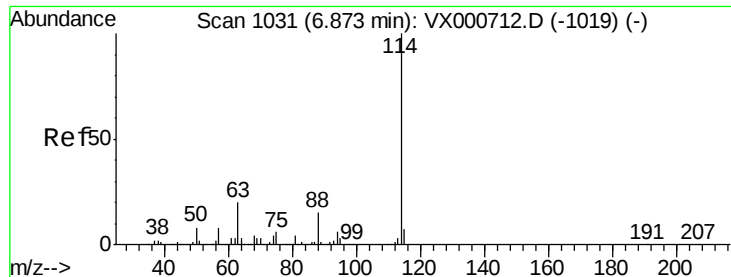
Tgt Ion: 56 Resp: 173
Ion Ratio Lower Upper
56 100
69 0.0 23.8 35.6#
84 131.5 67.4 101.2#



#33
1,2-Dichloroethane-d4
Concen: 44.81 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000735.D
Acq: 08 Apr 2018 16:55

Tgt Ion: 65 Resp: 165713
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000735.D

Acq: 08 Apr 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

CONDENSATE-EFF-040218

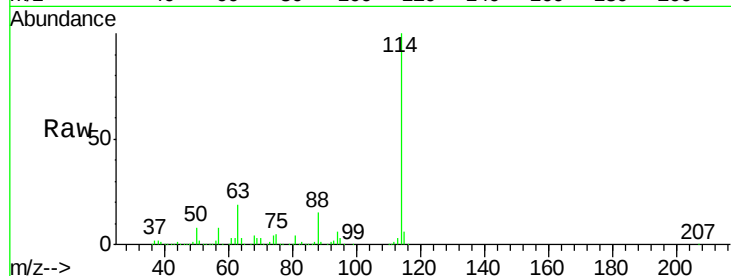
Tgt Ion:114 Resp: 449464

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 15.3 0.0 30.6



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

250000

200000

150000

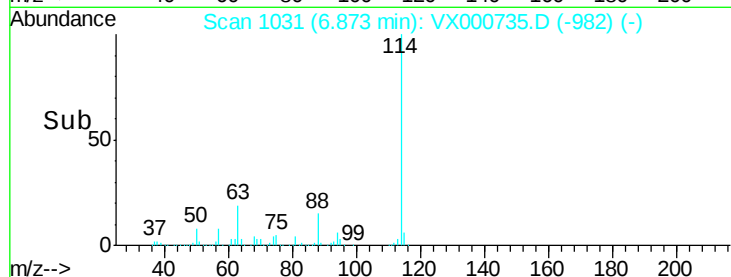
100000

50000

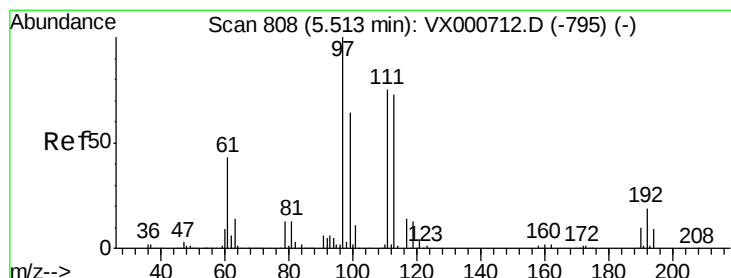
0

6.87

6.70 6.80 6.90 7.00



Time-->



#35

Dibromofluoromethane

Concen: 47.56 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000735.D

Acq: 08 Apr 2018 16:55

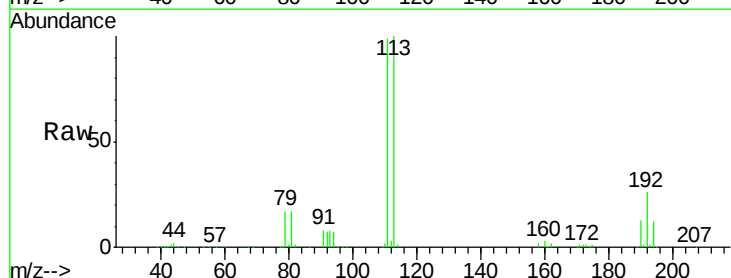
Tgt Ion:113 Resp: 138171

Ion Ratio Lower Upper

113 100

111 102.6 81.5 122.3

192 26.1 20.0 30.0



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

60000

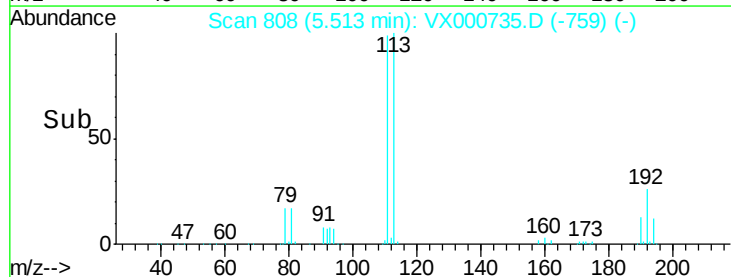
40000

20000

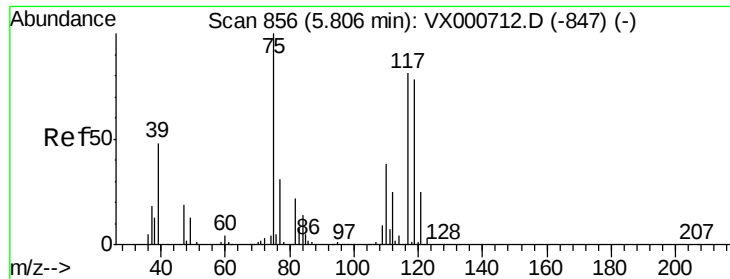
0

5.51

5.40 5.50 5.60



Time-->



#36

1,1-Dichloropropene

Concen: 5.02 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX000735.D

Acq: 08 Apr 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

CONDENSATE-EFF-040218

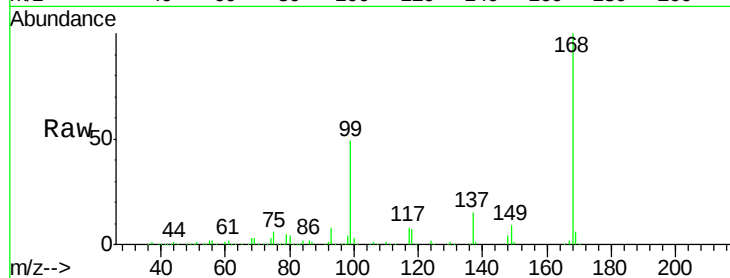
Tgt Ion: 75 Resp: 19308

Ion Ratio Lower Upper

75 100

110 10.6 18.6 56.0#

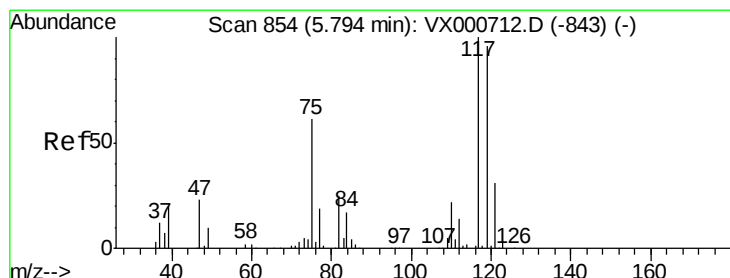
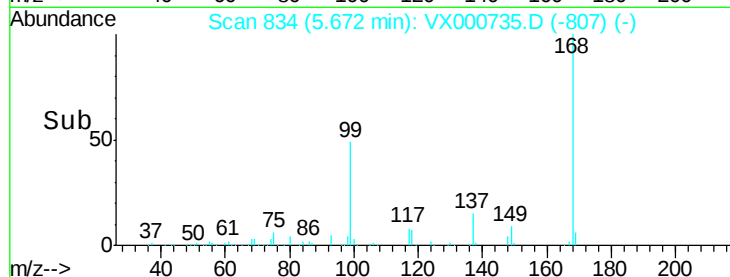
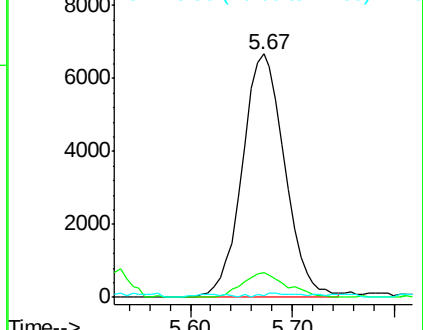
77 1.0 24.6 37.0#



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: 6.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX000735.D

Acq: 08 Apr 2018 16:55

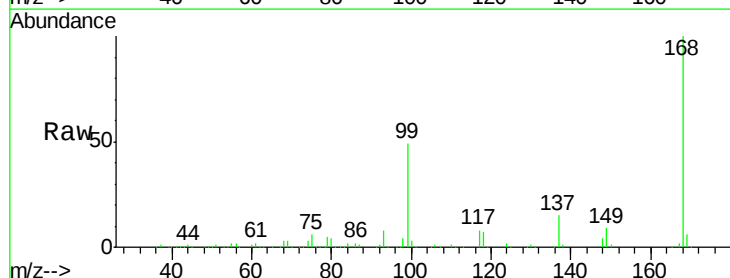
Tgt Ion: 117 Resp: 27050

Ion Ratio Lower Upper

117 100

119 4.2 76.7 115.1#

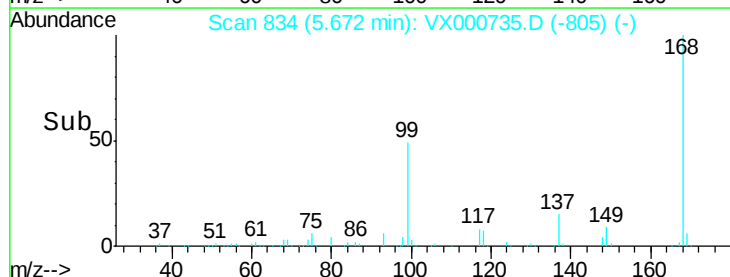
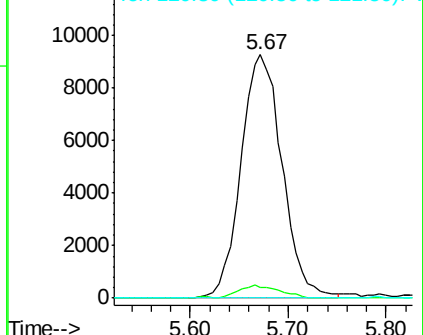
121 0.0 24.7 37.1#

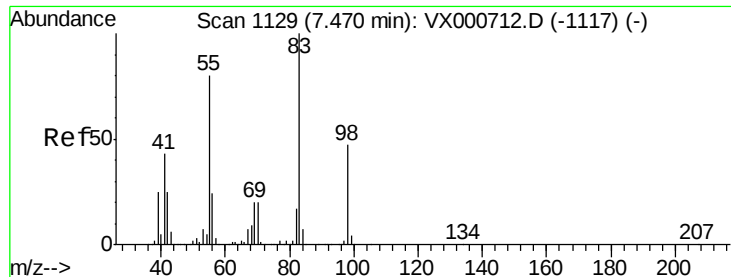


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

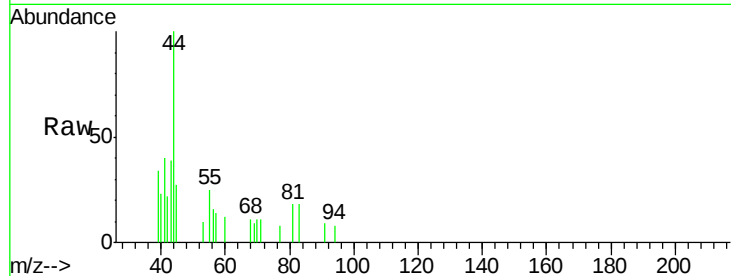




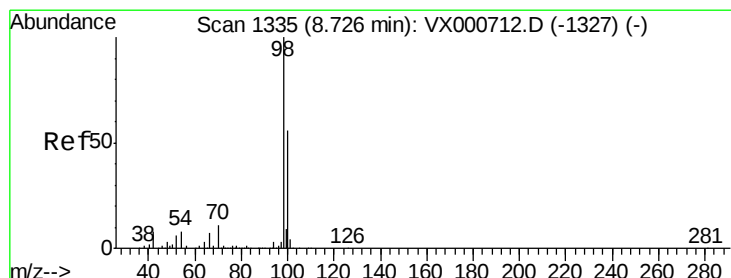
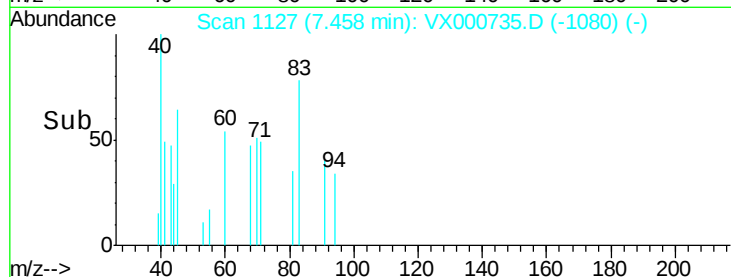
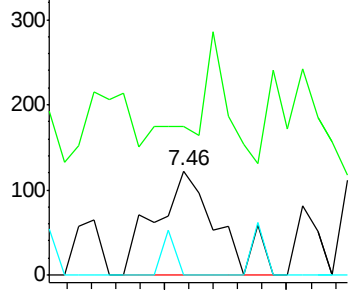
#39
Methylcyclohexane
Concen: Below Cal
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX000735.D
Acq: 08 Apr 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :
CONDENSATE-EFF-040218

Tgt Ion: 83 Resp: 214
Ion Ratio Lower Upper
83 100
55 0.0 63.7 95.5#
98 0.0 37.2 55.8#

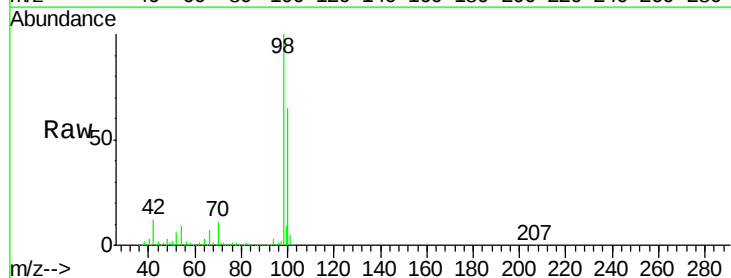


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

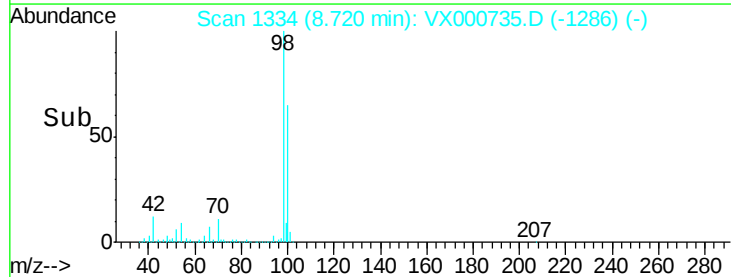
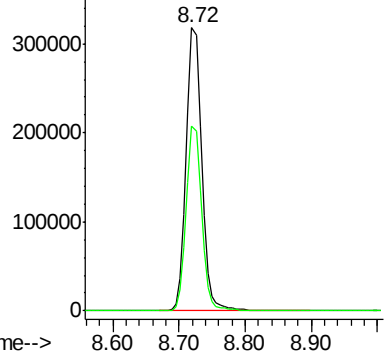


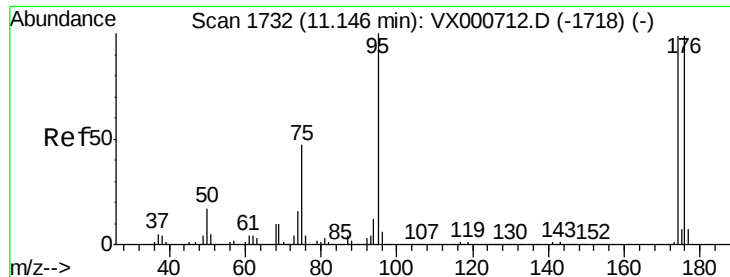
#50
Toluene-d8
Concen: 47.14 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX000735.D
Acq: 08 Apr 2018 16:55

Tgt Ion: 98 Resp: 519006
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.60 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000735.D

Acq: 08 Apr 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

CONDENSATE-EFF-040218

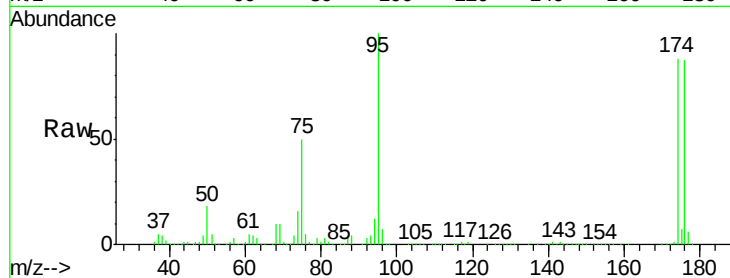
Tgt Ion: 95 Resp: 213122

Ion Ratio Lower Upper

95 100

174 96.6 0.0 191.6

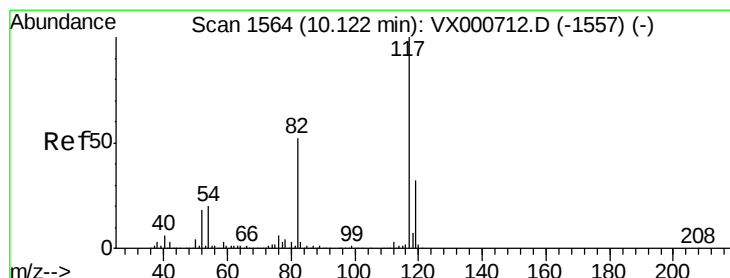
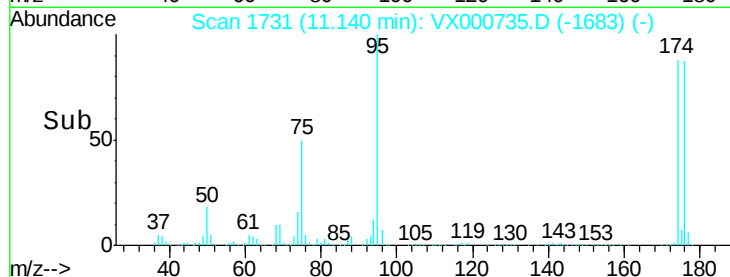
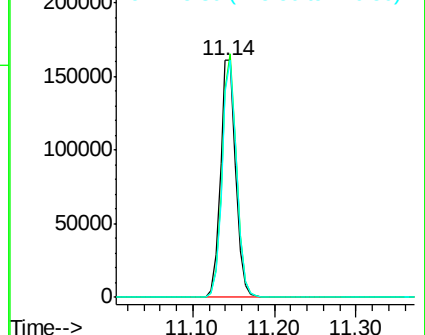
176 94.5 0.0 187.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000735.D

Acq: 08 Apr 2018 16:55

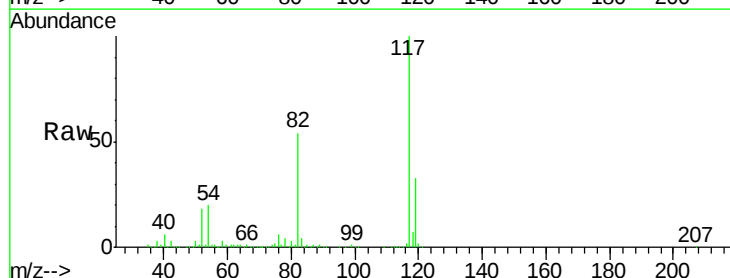
Tgt Ion: 117 Resp: 418840

Ion Ratio Lower Upper

117 100

82 53.9 41.9 62.9

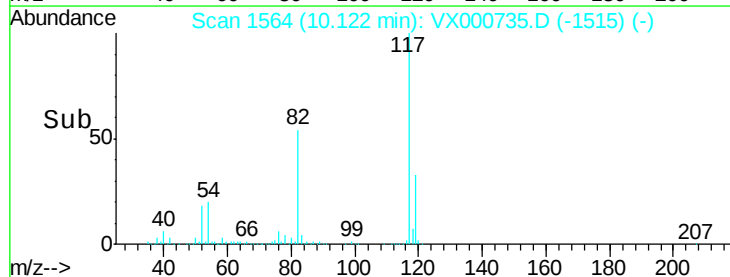
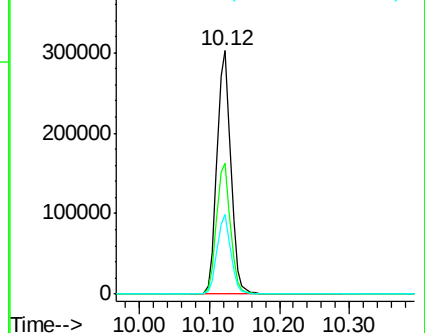
119 32.8 25.8 38.8

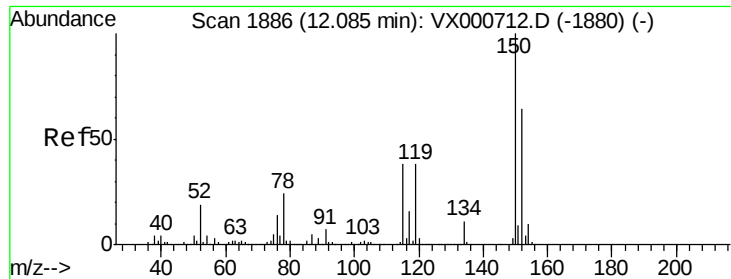


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000735.D

Acq: 08 Apr 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

CONDENSATE-EFF-040218

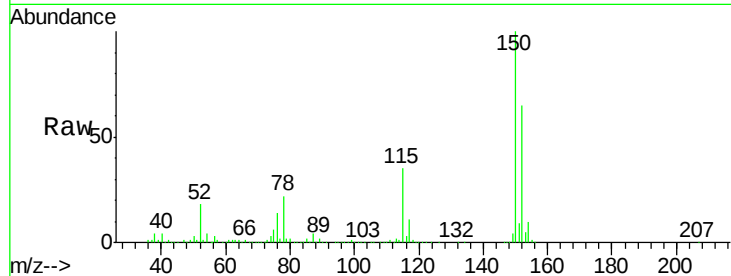
Tgt Ion:152 Resp: 250178

Ion Ratio Lower Upper

152 100

115 53.9 37.7 113.1

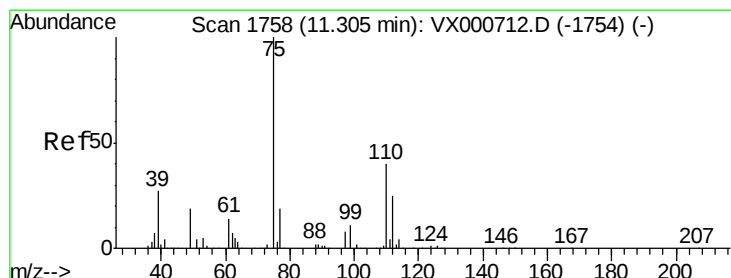
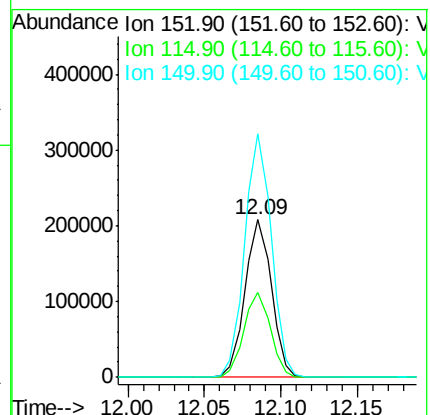
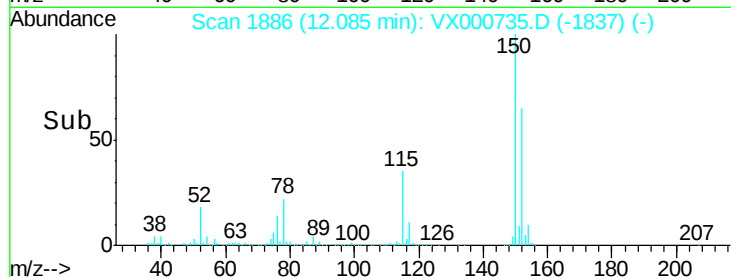
150 155.5 0.0 345.0



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



#76

1,2,3-Trichloropropane

Concen: 24.53 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX000735.D

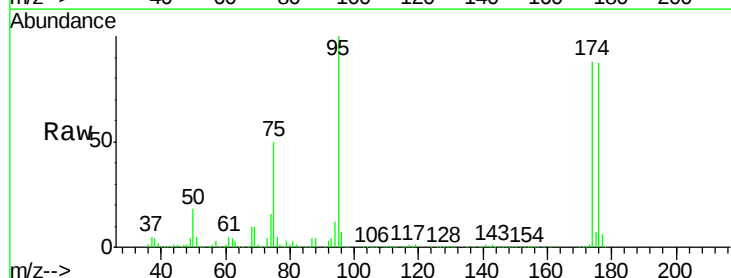
Acq: 08 Apr 2018 16:55

Tgt Ion: 75 Resp: 104406

Ion Ratio Lower Upper

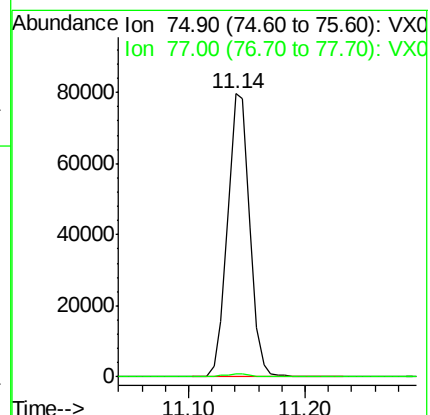
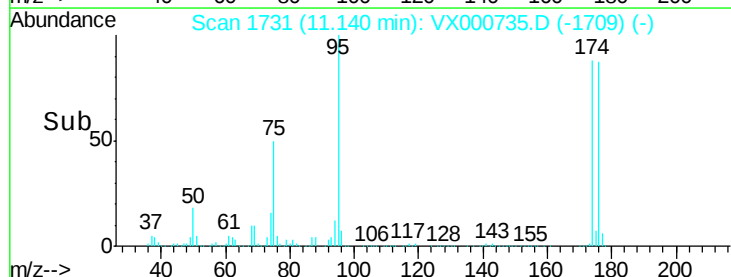
75 100

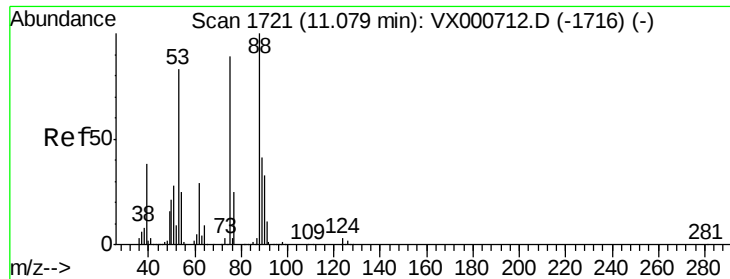
77 1.4 21.3 63.7#



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: 63.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX000735.D

Acq: 08 Apr 2018 16:55

Instrument :

MSVOA_X

ClientSampleId :

CONDENSATE-EFF-040218

Tgt Ion: 75 Resp: 104406

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.2#

89 0.0 46.6 69.8#

