

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025379.D
 Acq On : 13 Jul 2018 08:04
 Operator : MD/SY
 Sample : J3825-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-071118-A

Quant Time: Jul 13 09:07:16 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	193884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	301066	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	277826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146700	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	152769	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	4.89	113	116846	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	7.57	98	431186	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	10.31	95	156420	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	

Target Compounds

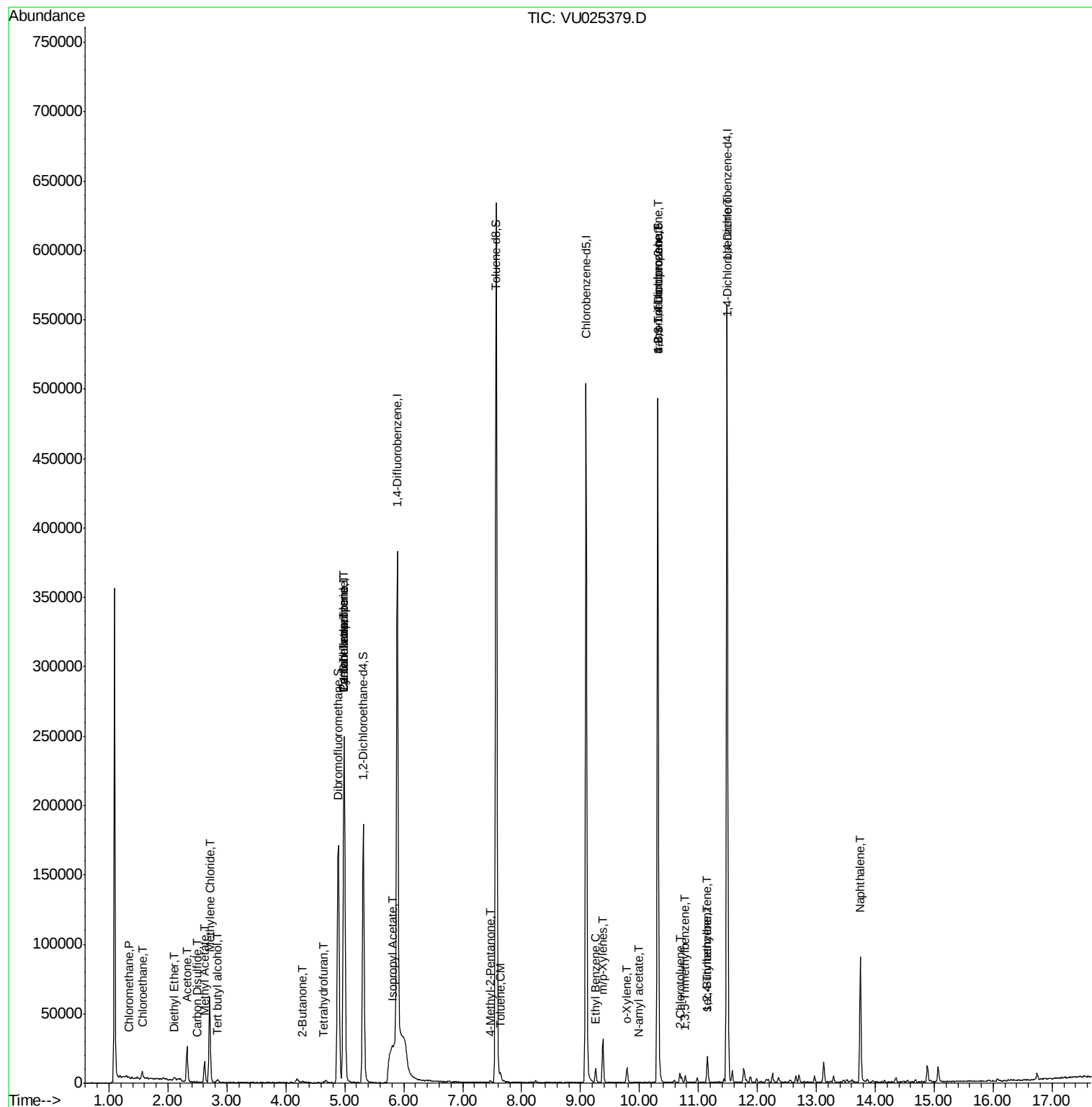
						Qvalue
3) Chloromethane	1.33	50	290	0.71	ug/l #	44
5) Bromomethane	1.63	94	98	Below Cal	#	3
6) Chloroethane	1.57	64	22	0.31	ug/l #	43
8) Diethyl Ether	2.11	74	319	0.25	ug/l #	19
11) Tert butyl alcohol	2.84	59	1440	2.19	ug/l #	73
16) Acetone	2.32	43	27219	22.23	ug/l	94
17) Carbon Disulfide	2.48	76	117	1.95	ug/l #	74
18) Methyl Acetate	2.62	43	19118	6.20	ug/l	97
20) Methylene Chloride	2.71	84	27285	12.24	ug/l	98
25) 2-Butanone	4.28	43	1154	0.55	ug/l #	90
29) Tetrahydrofuran	4.64	42	257	0.21	ug/l #	56
31) Cyclohexane	4.99	56	3957	1.77	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	14470	4.32	ug/l #	49
38) Carbon Tetrachloride	4.99	117	18881	5.24	ug/l #	16
43) Isopropyl Acetate	5.80	43	44047	7.37	ug/l #	62
51) 4-Methyl-2-Pentanone	7.46	43	1540	0.40	ug/l #	53
52) Toluene	7.64	92	1846	0.30	ug/l	88
67) Ethyl Benzene	9.26	91	7981	0.67	ug/l	98
68) m/p-Xylenes	9.38	106	9022	1.97	ug/l	90
69) o-Xylene	9.78	106	2816	0.61	ug/l	86
74) N-amyl acetate	9.98	43	639	1.40	ug/l #	43
76) 1,2,3-Trichloropropane	10.31	75	81924	27.46	ug/l #	36
79) 2-Chlorotoluene	10.68	91	659	0.24	ug/l #	40
80) 1,3,5-Trimethylbenzene	10.78	105	3021	0.32	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.31	75	81924	70.10	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	11378	1.18	ug/l	95
85) sec-Butylbenzene	11.15	105	11378	1.01	ug/l #	56
88) 1,4-Dichlorobenzene	11.50	146	105	1.51	ug/l #	1
95) Naphthalene	13.75	128	74263	8.98	ug/l	99

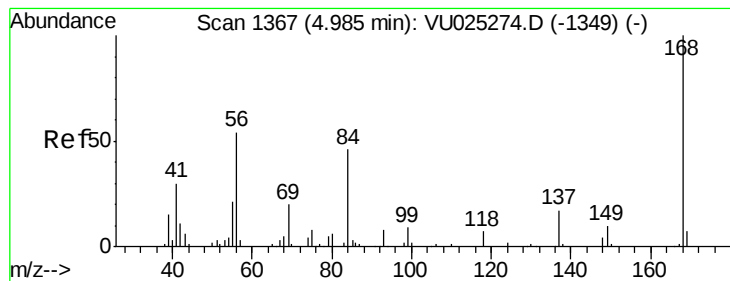
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071218\
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Quant Time: Jul 13 09:07:16 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025379.D

Acq: 13 Jul 2018 08:04

Instrument :

MSVOA_U

ClientSampleId :

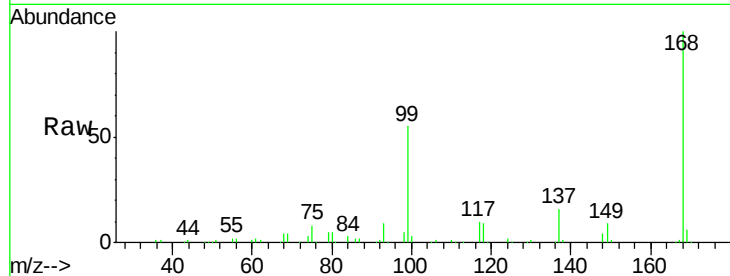
CL-02-071118-A

Tot Ion:168 Resp: 193884

Ion Ratio Lower Upper

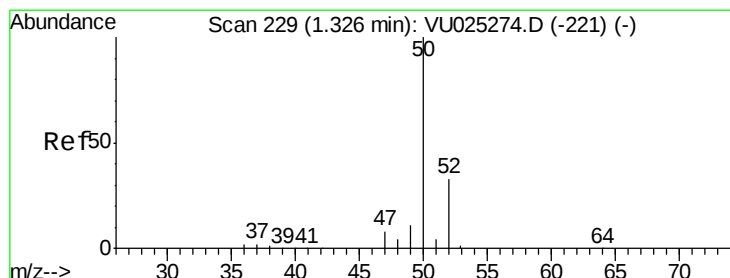
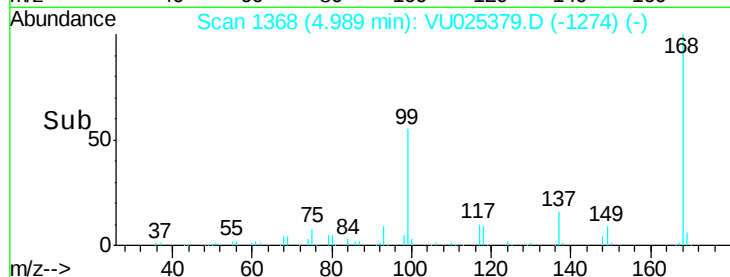
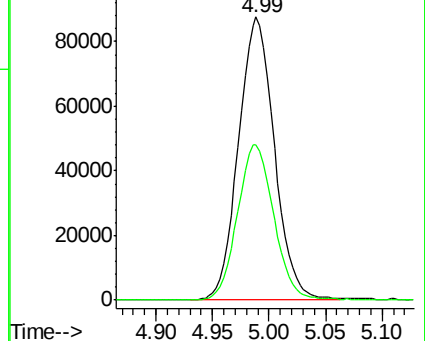
168 100

99 54.9 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VU025274.D (-1349) (-)

Ion 98.90 (98.60 to 99.60): VU025274.D (-1349) (-)



#3

Chloromethane

Concen: 0.71 ug/l

RT: 1.33 min Scan# 229

Delta R.T. 0.00 min

Lab File: VU025379.D

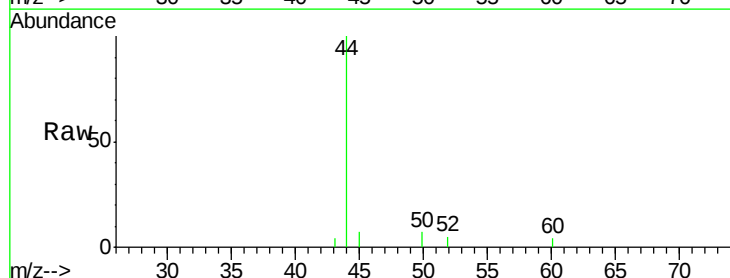
Acq: 13 Jul 2018 08:04

Tgt Ion: 50 Resp: 290

Ion Ratio Lower Upper

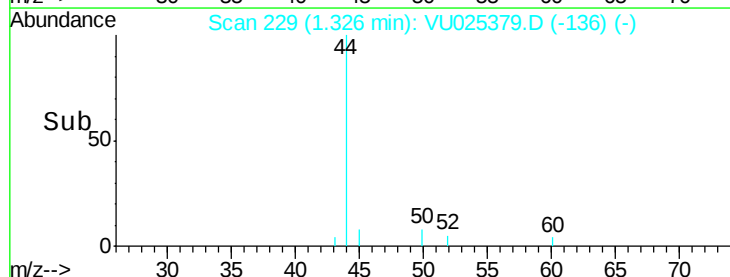
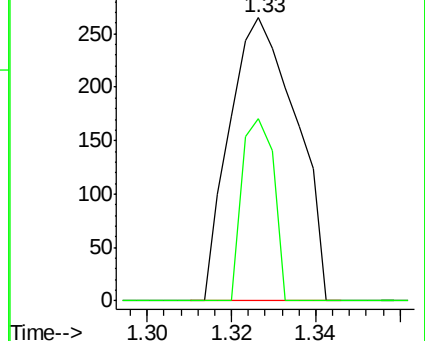
50 100

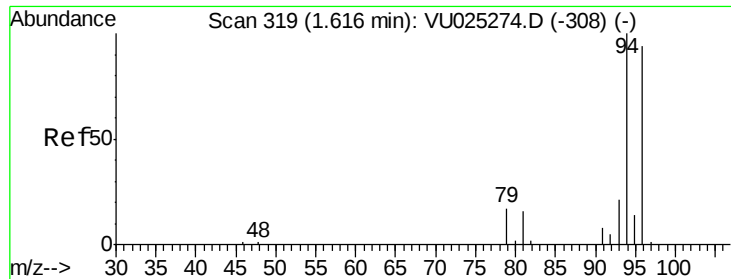
52 64.5 26.5 39.7#



Abundance Ion 49.90 (49.60 to 50.60): VU025274.D (-221) (-)

Ion 51.90 (51.60 to 52.60): VU025274.D (-221) (-)





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 322

Delta R.T. 0.01 min

Lab File: VU025379.D

Acq: 13 Jul 2018 08:04

Instrument :

MSVOA_U

ClientSampleId :

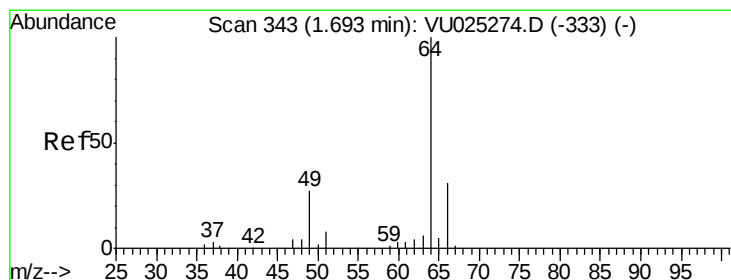
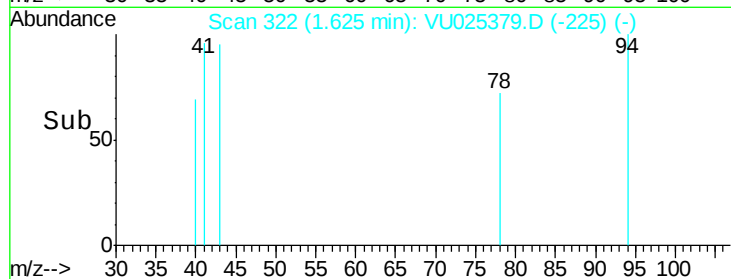
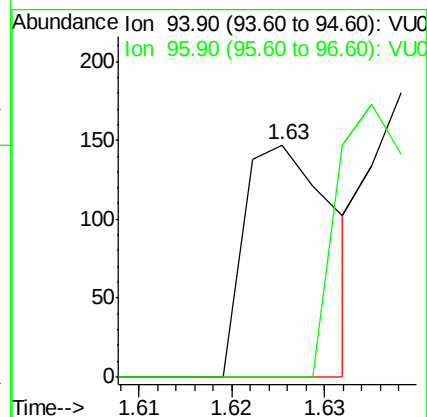
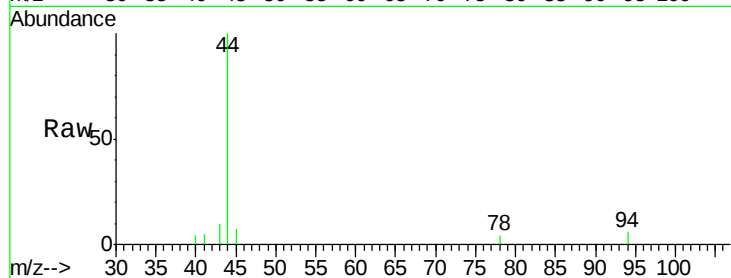
CL-02-071118-A

Tot Ion: 94 Resp: 98

Ion Ratio Lower Upper

94 100

96 0.0 75.0 112.4#



#6

Chloroethane

Concen: 0.31 ug/l

RT: 1.57 min Scan# 305

Delta R.T. -0.12 min

Lab File: VU025379.D

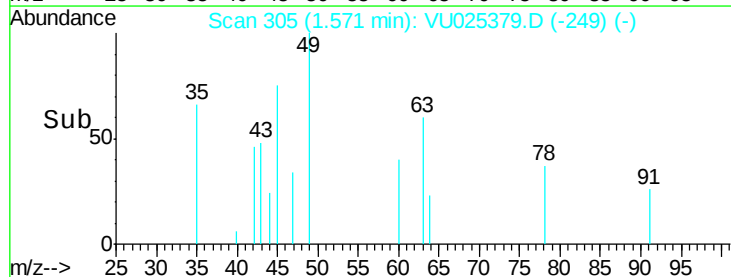
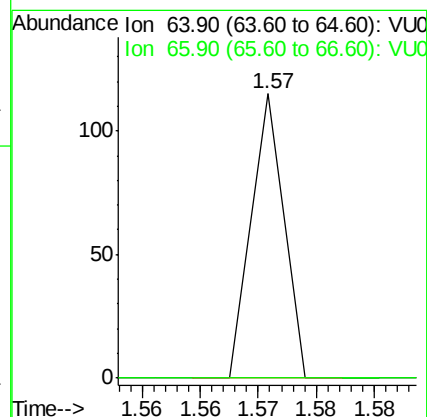
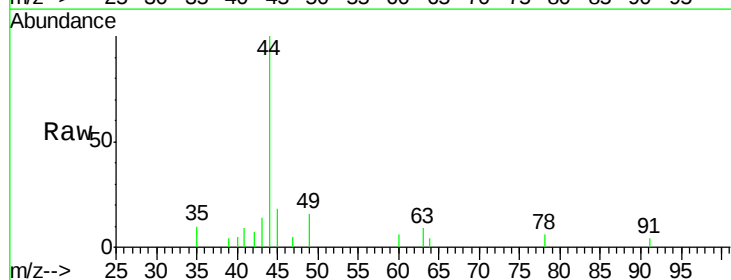
Acq: 13 Jul 2018 08:04

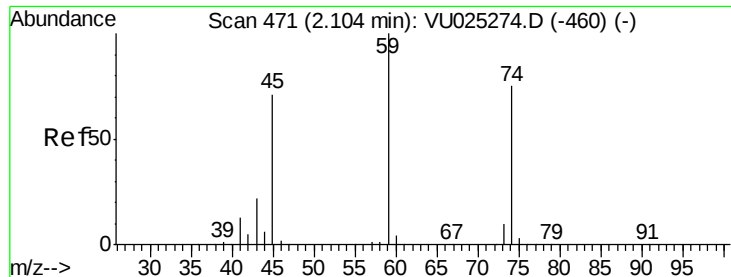
Tgt Ion: 64 Resp: 22

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.4#





#8

Diethyl Ether

Concen: 0.25 ug/l

RT: 2.11 min Scan# 472

Delta R.T. 0.00 min

Lab File: VU025379.D

Acq: 13 Jul 2018 08:04

Instrument :

MSVOA_U

ClientSampleId :

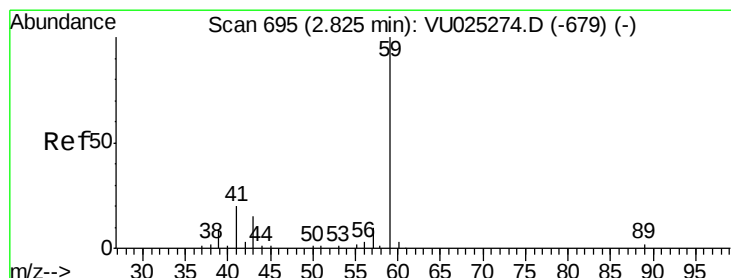
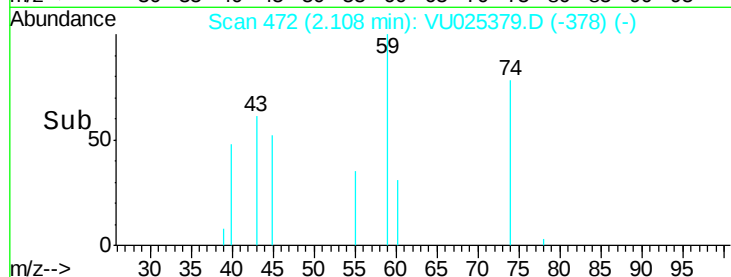
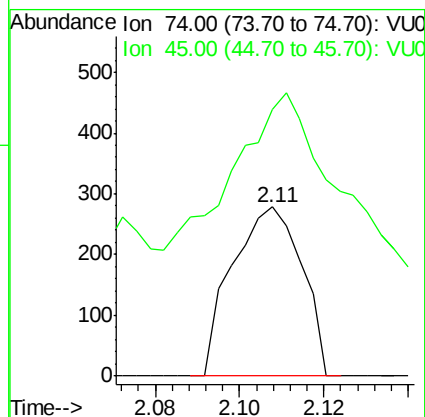
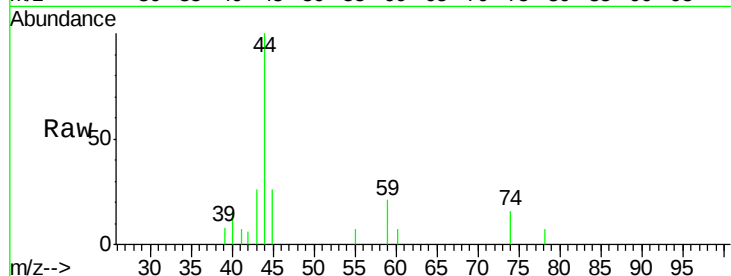
CL-02-071118-A

Tot Ion: 74 Resp: 319

Ion Ratio Lower Upper

74 100

45 176.5 48.3 144.9#



#11

Tert butyl alcohol

Concen: 2.19 ug/l

RT: 2.84 min Scan# 700

Delta R.T. 0.02 min

Lab File: VU025379.D

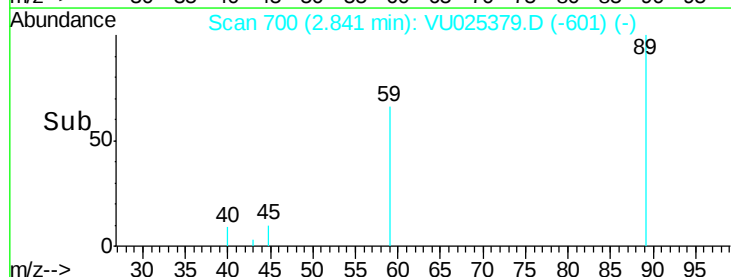
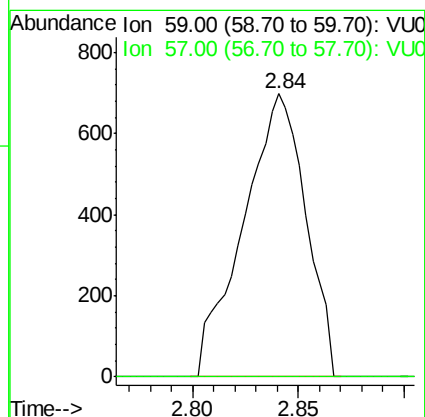
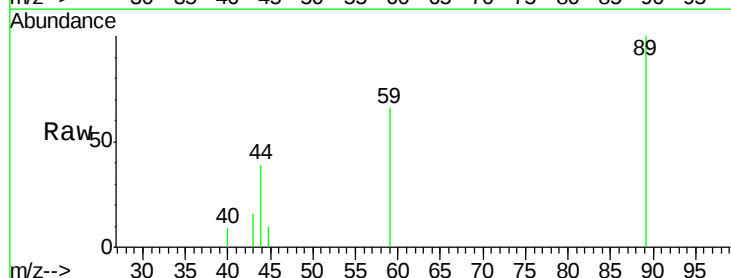
Acq: 13 Jul 2018 08:04

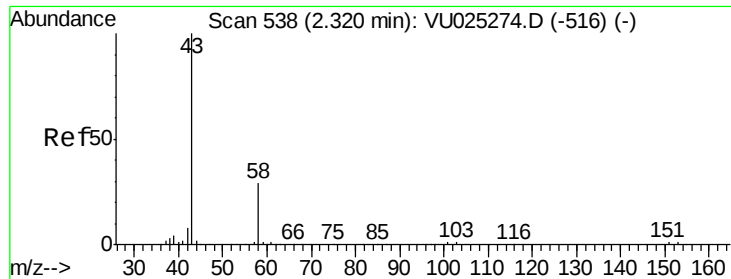
Tgt Ion: 59 Resp: 1440

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#16

Acetone

Concen: 22.23 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025379.D

Acq: 13 Jul 2018 08:04

Instrument :

MSVOA_U

ClientSampleId :

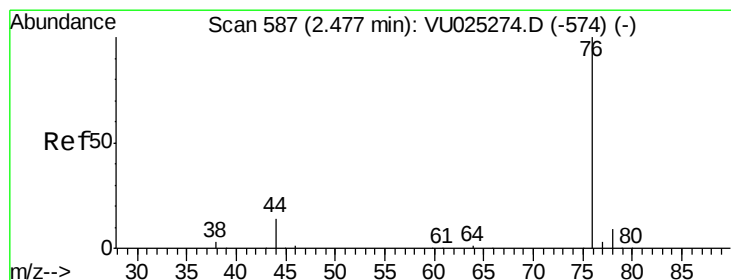
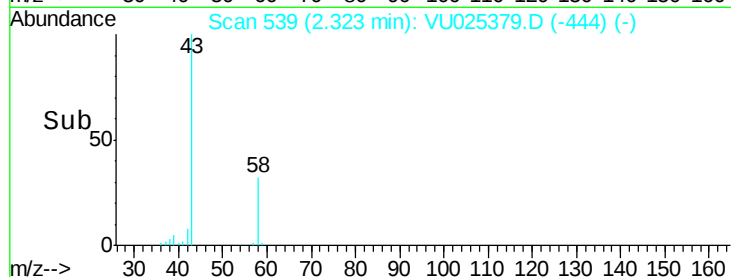
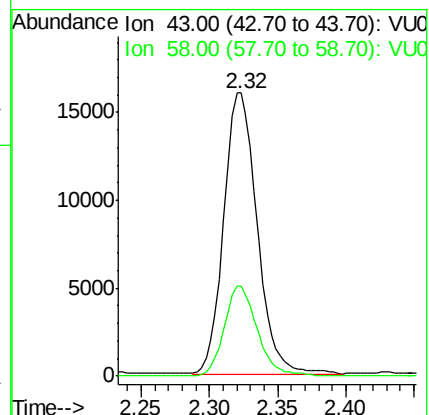
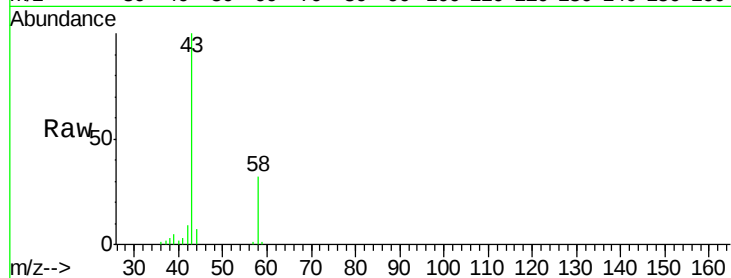
CL-02-071118-A

Tot Ion: 43 Resp: 27219

Ion Ratio Lower Upper

43 100

58 32.0 23.1 34.7



#17

Carbon Disulfide

Concen: 1.95 ug/l

RT: 2.48 min Scan# 589

Delta R.T. 0.01 min

Lab File: VU025379.D

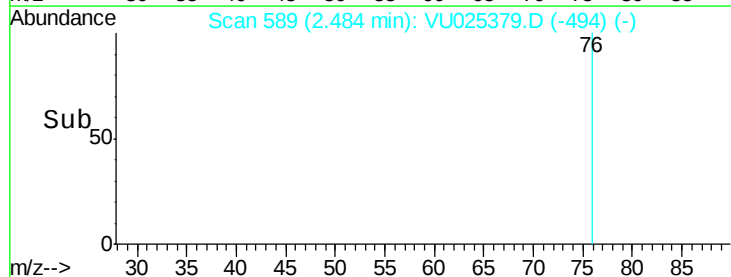
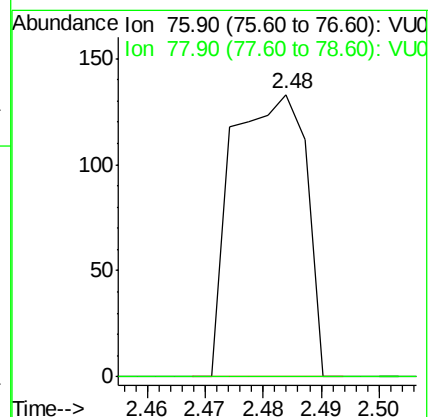
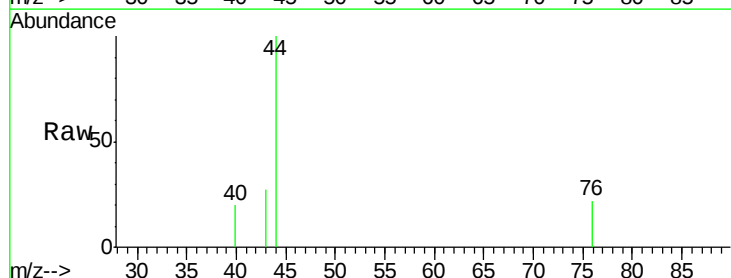
Acq: 13 Jul 2018 08:04

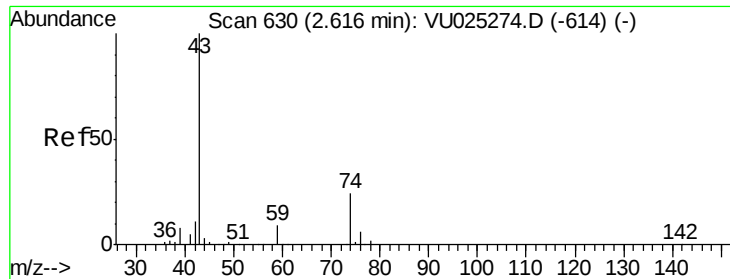
Tgt Ion: 76 Resp: 117

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#

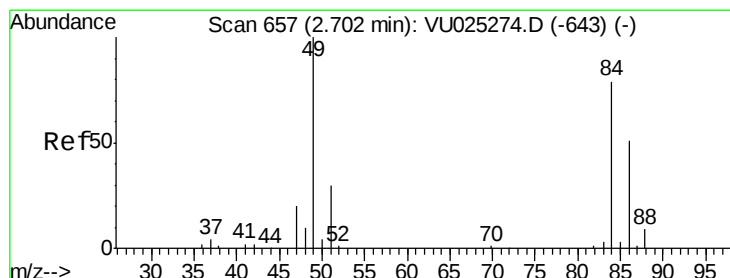
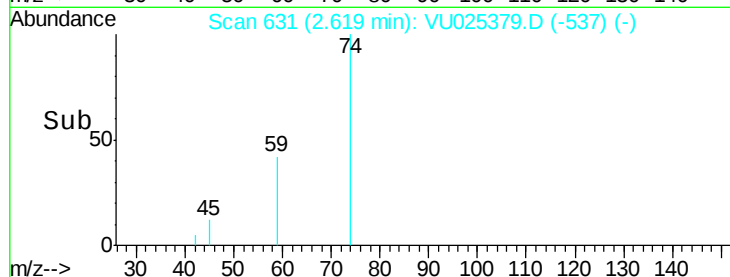
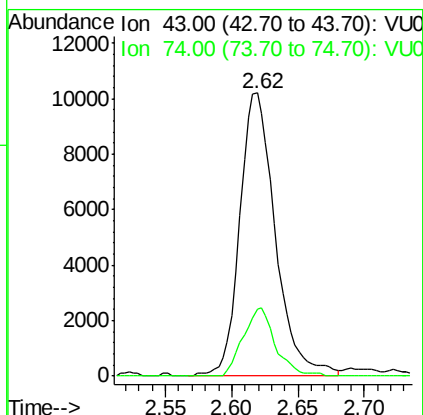
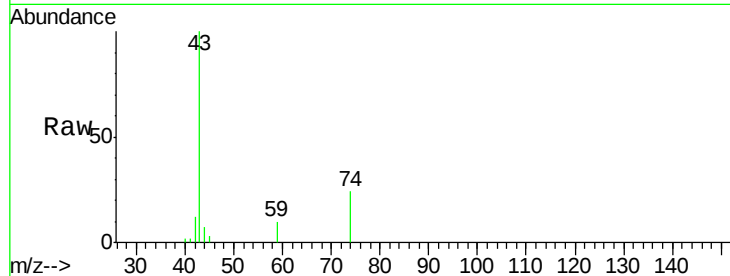




#18
Methyl Acetate
Concen: 6.20 ug/l
RT: 2.62 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU025379.D
Acq: 13 Jul 2018 08:04

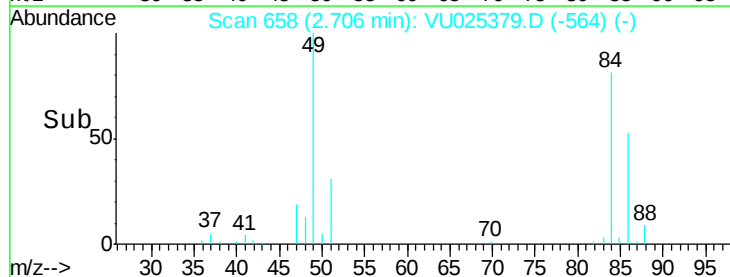
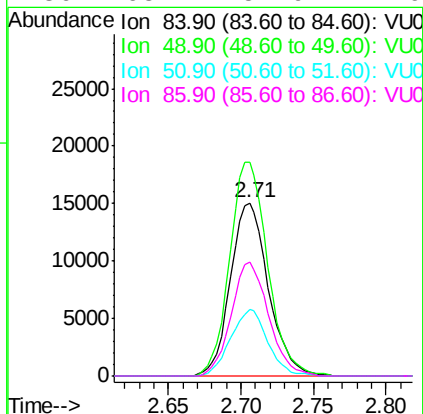
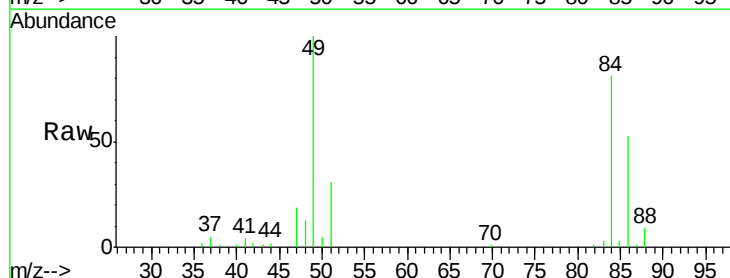
Instrument :
MSVOA_U
ClientSampleId :
CL-02-071118-A

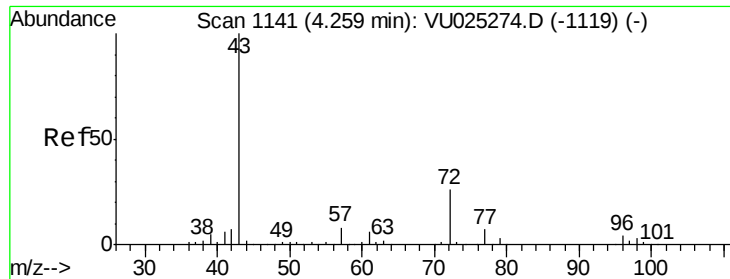
Tot Ion: 43 Resp: 19118
Ion Ratio Lower Upper
43 100
74 21.8 18.5 27.7



#20
Methylene Chloride
Concen: 12.24 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025379.D
Acq: 13 Jul 2018 08:04

Tgt Ion: 84 Resp: 27285
Ion Ratio Lower Upper
84 100
49 123.5 101.8 152.6
51 38.5 30.8 46.2
86 65.7 51.9 77.9





#25

2-Butanone

Concen: 0.55 ug/l

RT: 4.28 min Scan# 1147

Delta R.T. 0.02 min

Lab File: VU025379.D

Acq: 13 Jul 2018 08:04

Instrument :

MSVOA_U

ClientSampleId :

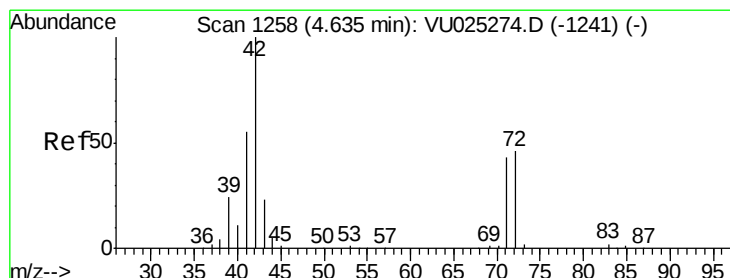
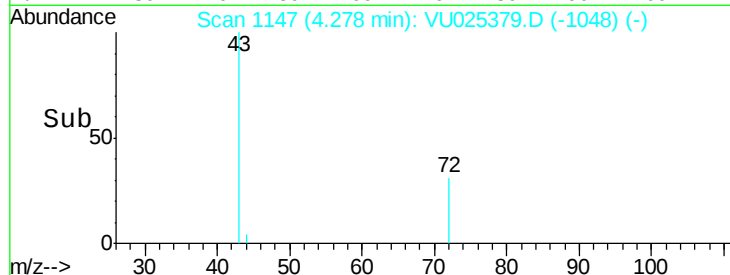
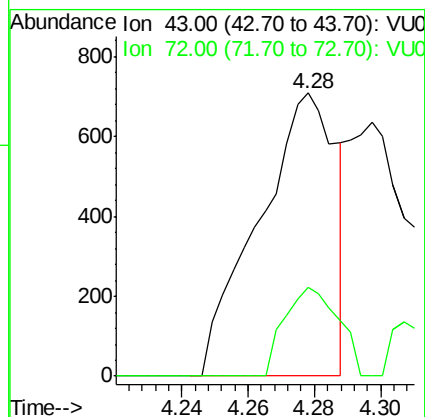
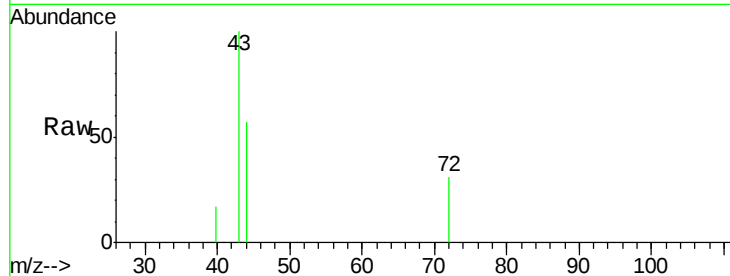
CL-02-071118-A

Tot Ion: 43 Resp: 1154

Ion Ratio Lower Upper

43 100

72 31.5 21.0 31.4#



#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 4.64 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VU025379.D

Acq: 13 Jul 2018 08:04

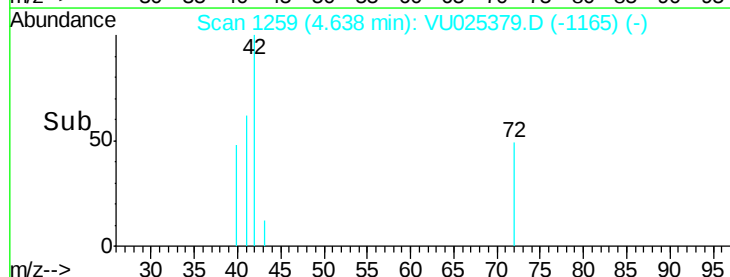
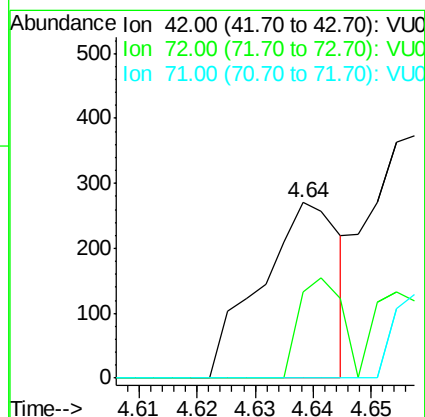
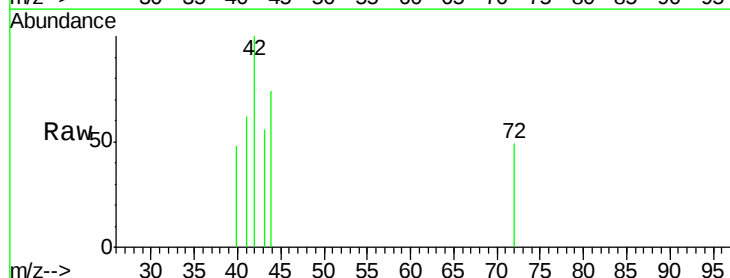
Tgt Ion: 42 Resp: 257

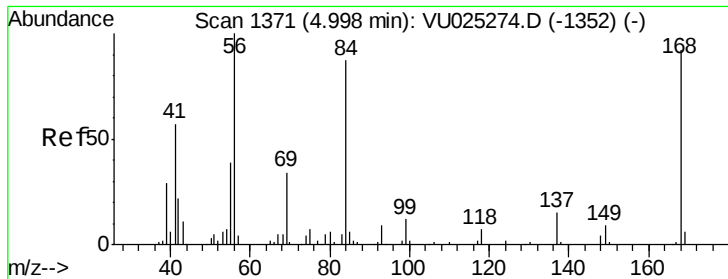
Ion Ratio Lower Upper

42 100

72 30.7 36.7 55.1#

71 0.0 33.9 50.9#

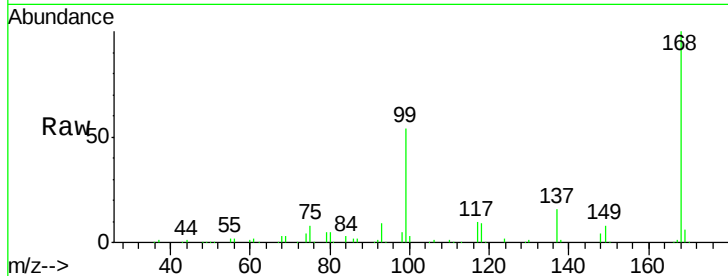




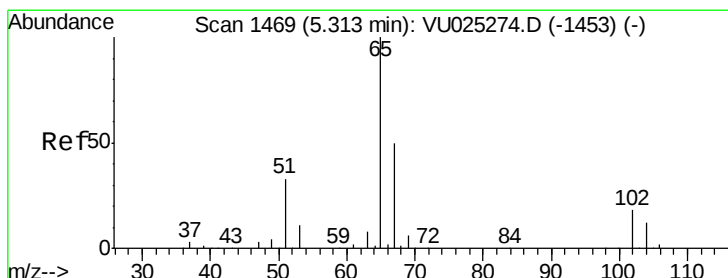
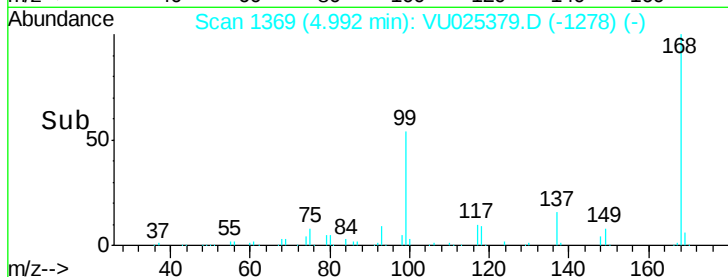
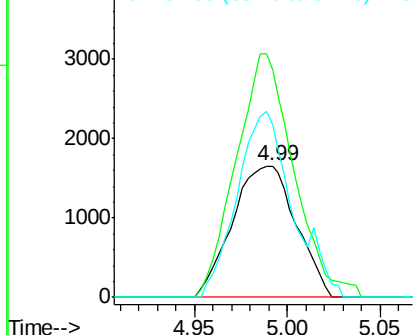
#31
Cyclohexane
Concen: 1.77 ug/l
RT: 4.99 min Scan# 1369
Delta R.T. -0.01 min
Lab File: VU025379.D
Acq: 13 Jul 2018 08:04

Instrument :
MSVOA_U
ClientSampleId :
CL-02-071118-A

Tot Ion: 56 Resp: 3957
Ion Ratio Lower Upper
56 100
69 172.1 26.8 40.2#
84 130.9 69.7 104.5#

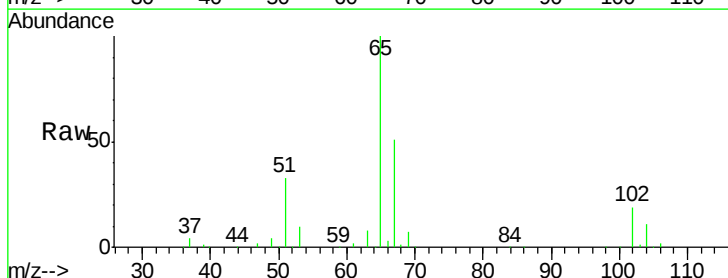


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

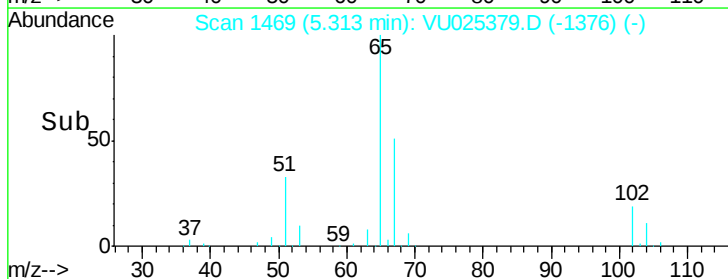
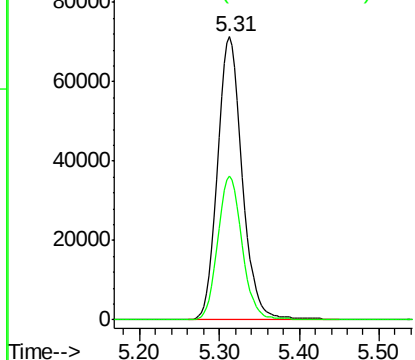


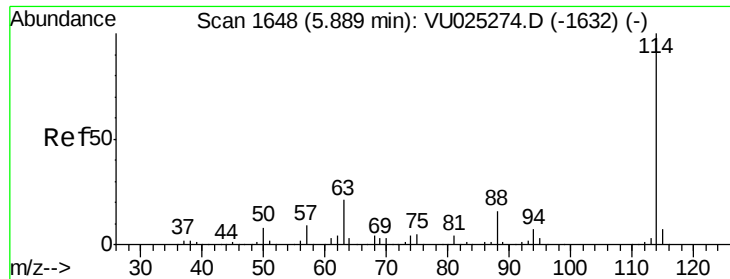
#33
1,2-Dichloroethane-d4
Concen: 50.72 ug/l
RT: 5.31 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VU025379.D
Acq: 13 Jul 2018 08:04

Tgt Ion: 65 Resp: 152769
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0

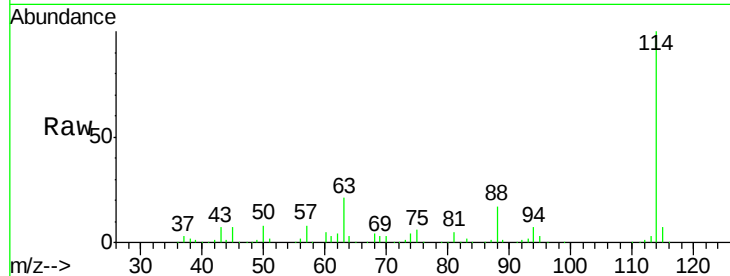




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU025379.D
Acq: 13 Jul 2018 08:04

Instrument :
MSVOA_U
ClientSampleId :
CL-02-071118-A

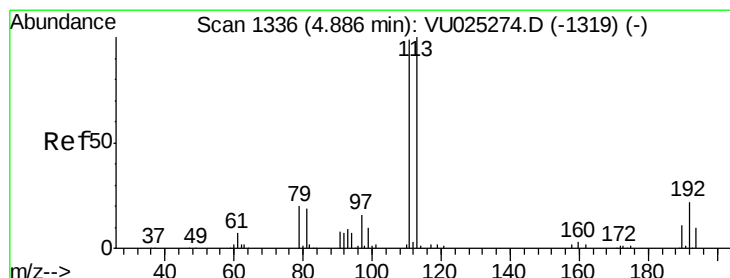
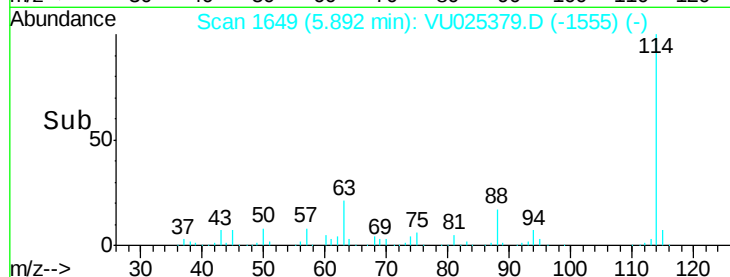
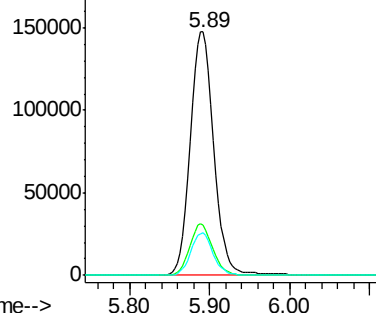
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.6
88	17.4	0.0	32.4



Abundance Ion 113.90 (113.60 to 114.60): V

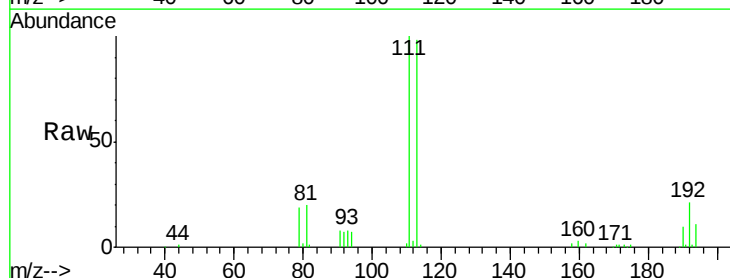
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
Dibromofluoromethane
Concen: 46.01 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU025379.D
Acq: 13 Jul 2018 08:04

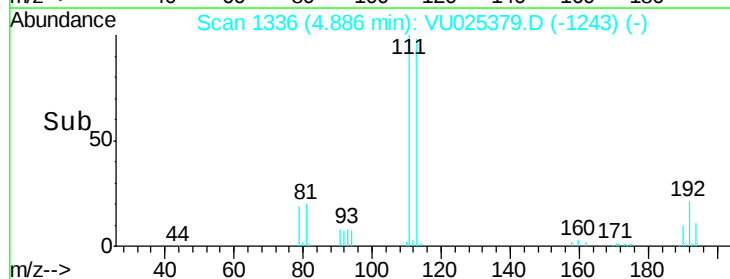
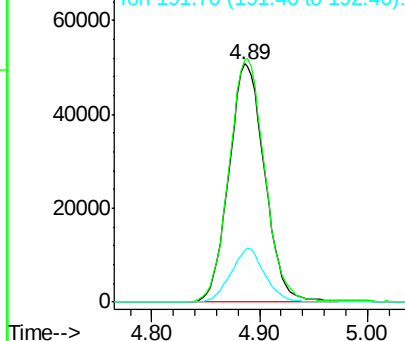
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.7	122.5
192	21.5	17.1	25.7

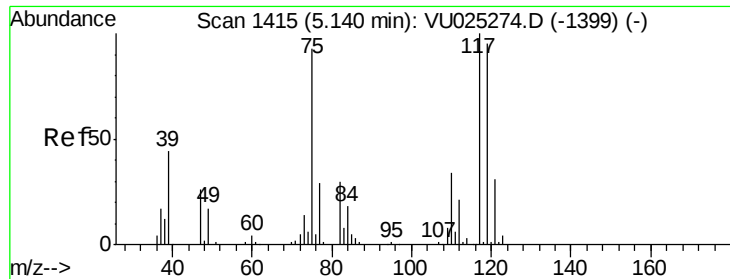


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

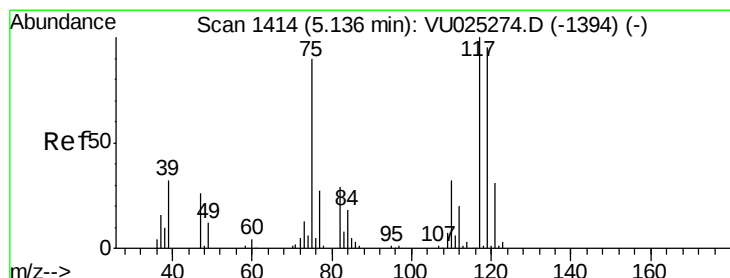
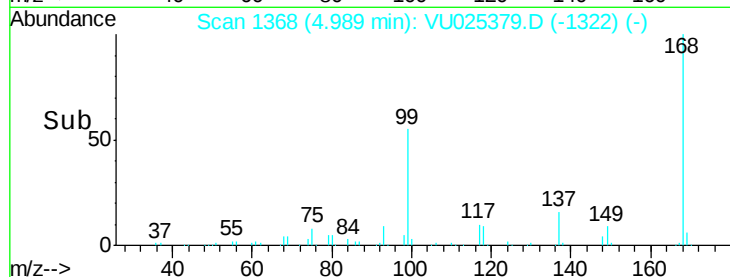
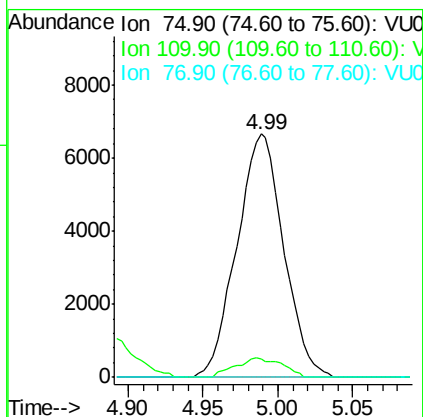
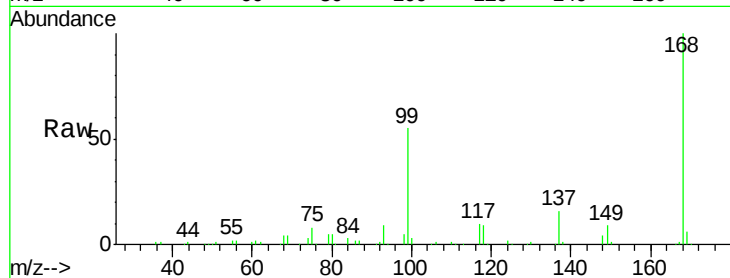




#36
 1,1-Dichloropropene
 Concen: 4.32 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025379.D
 Acq: 13 Jul 2018 08:04

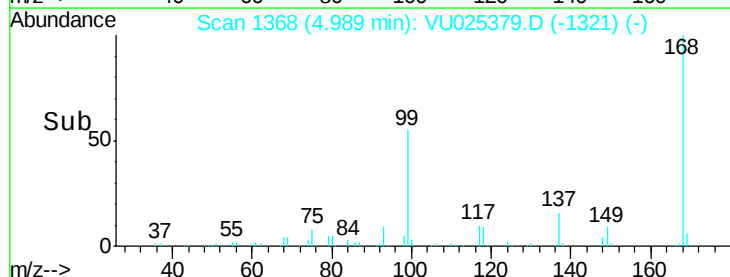
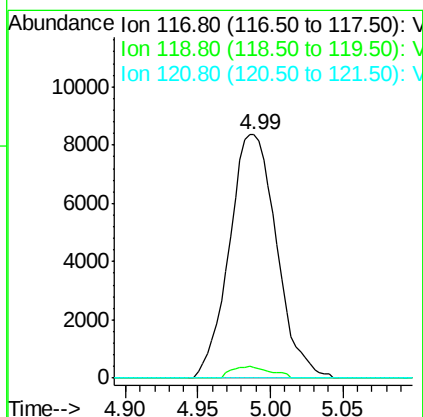
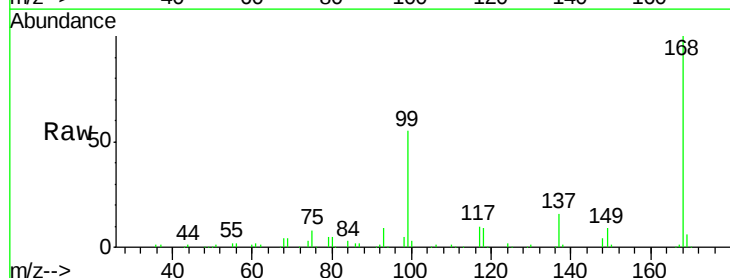
Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-071118-A

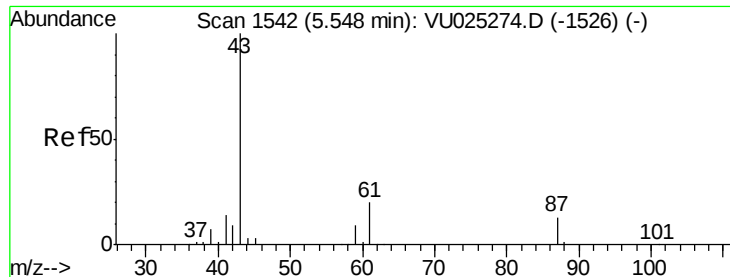
Tot Ion: 75 Resp: 14470
 Ion Ratio Lower Upper
 75 100
 110 8.1 17.6 52.9#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.24 ug/l
 RT: 4.99 min Scan# 1368
 Delta R.T. -0.15 min
 Lab File: VU025379.D
 Acq: 13 Jul 2018 08:04

Tgt Ion: 117 Resp: 18881
 Ion Ratio Lower Upper
 117 100
 119 4.4 75.7 113.5#
 121 0.0 24.6 36.8#





#43

Isopropyl Acetate

Concen: 7.37 ug/l

RT: 5.80 min Scan# 1621

Delta R.T. 0.25 min

Lab File: VU025379.D

Acq: 13 Jul 2018 08:04

Instrument :

MSVOA_U

ClientSampleId :

CL-02-071118-A

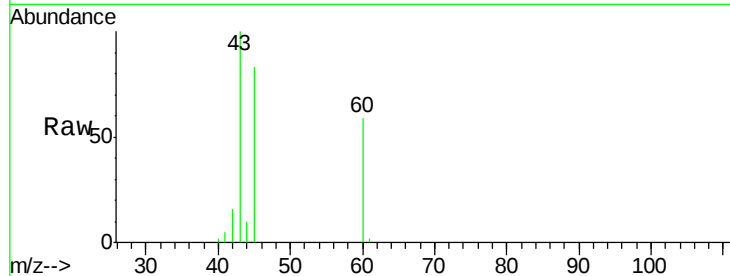
Tot Ion: 43 Resp: 44047

Ion Ratio Lower Upper

43 100

61 0.6 15.5 23.3#

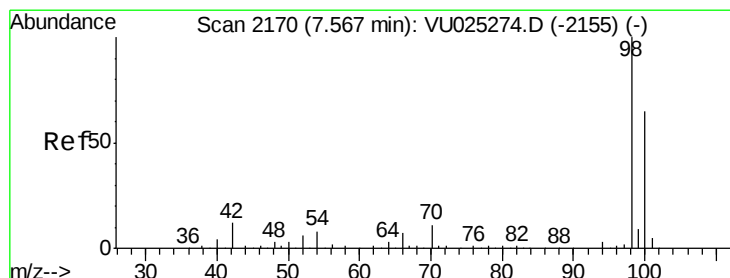
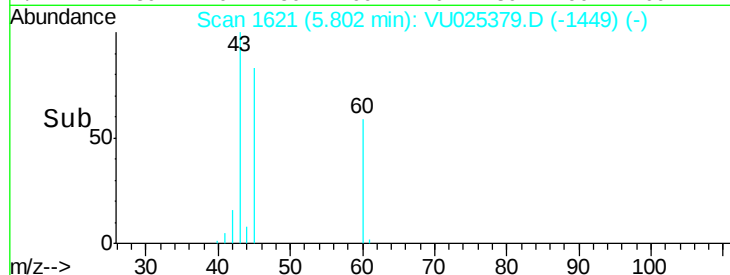
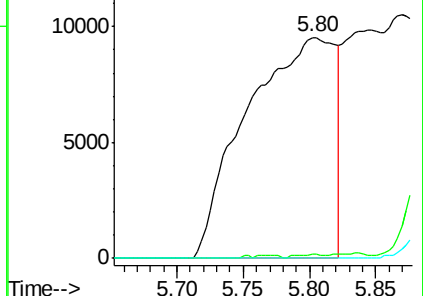
87 0.0 10.6 16.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#50

Toluene-d8

Concen: 49.58 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU025379.D

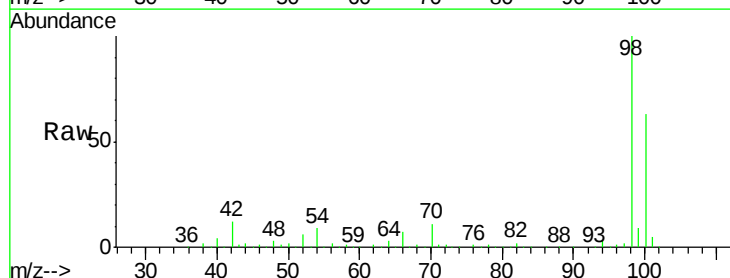
Acq: 13 Jul 2018 08:04

Tgt Ion: 98 Resp: 431186

Ion Ratio Lower Upper

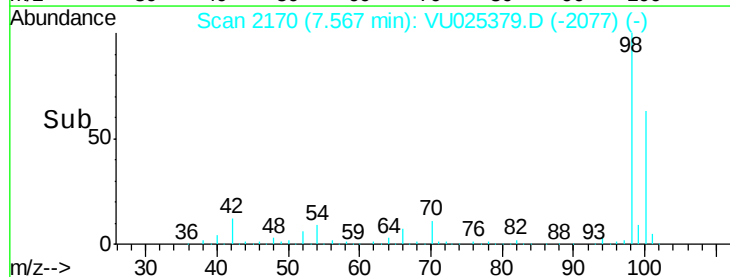
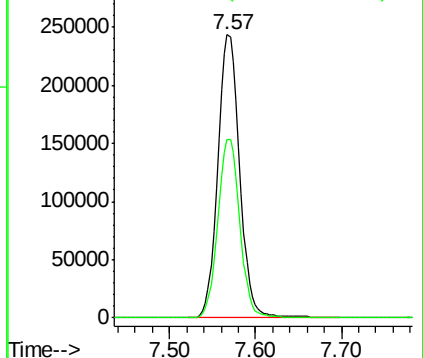
98 100

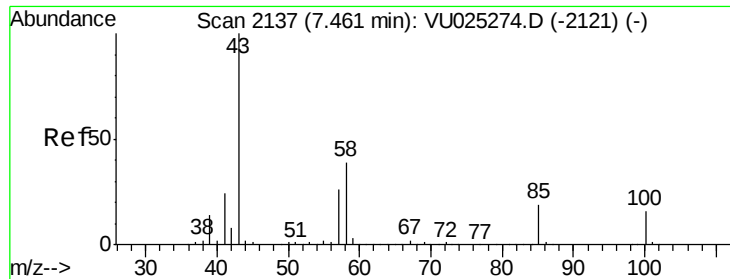
100 63.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 0.40 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU025379.D

Acq: 13 Jul 2018 08:04

Instrument :

MSVOA_U

ClientSampleId :

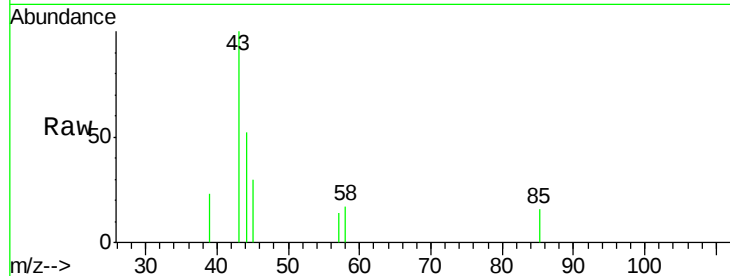
CL-02-071118-A

Tot Ion: 43 Resp: 1540

Ion Ratio Lower Upper

43 100

58 10.0 31.0 46.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

7.46

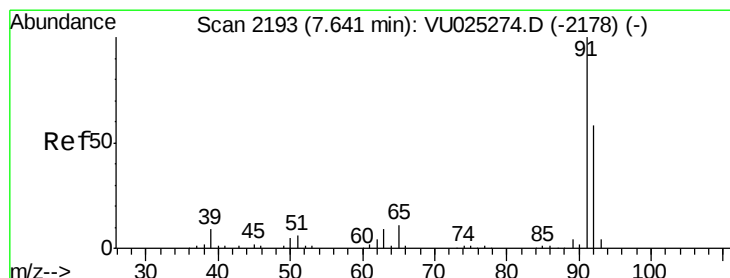
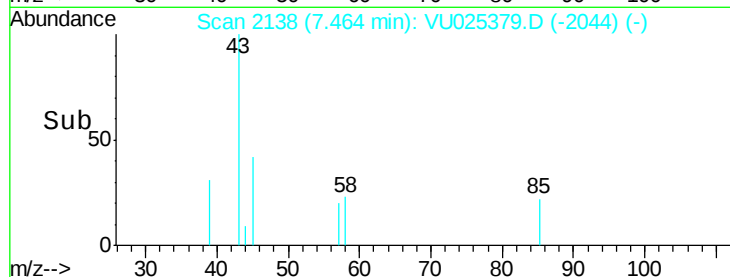
600

400

200

0

Time--> 7.40 7.45 7.50



#52

Toluene

Concen: 0.30 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025379.D

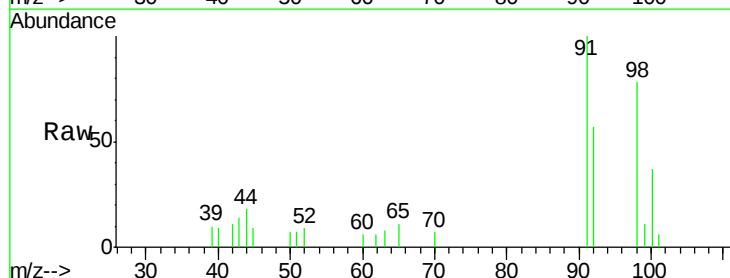
Acq: 13 Jul 2018 08:04

Tgt Ion: 92 Resp: 1846

Ion Ratio Lower Upper

92 100

91 191.0 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

7.64

2000

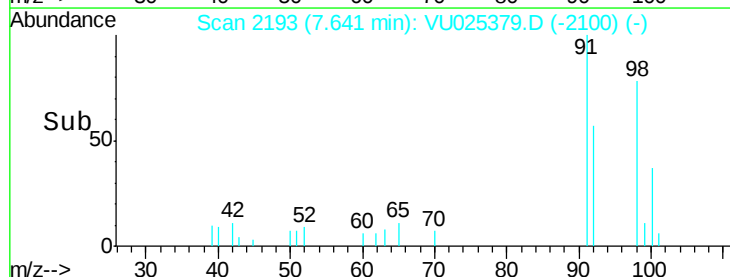
1500

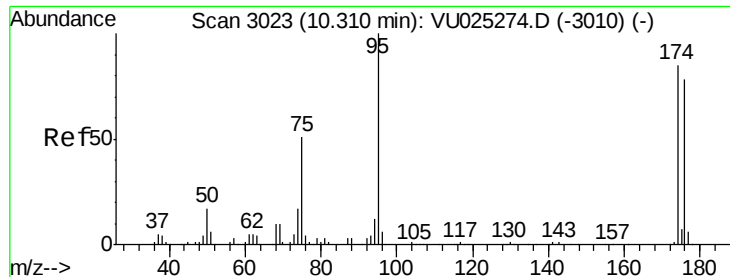
1000

500

0

Time--> 7.60 7.65 7.70

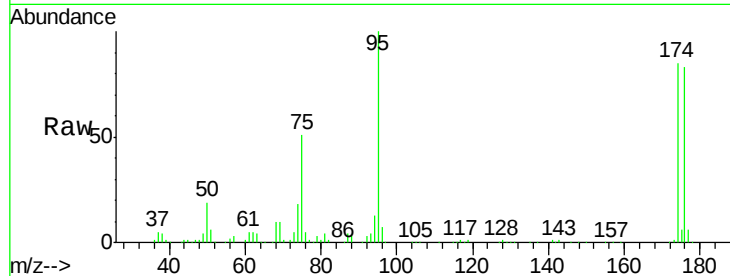




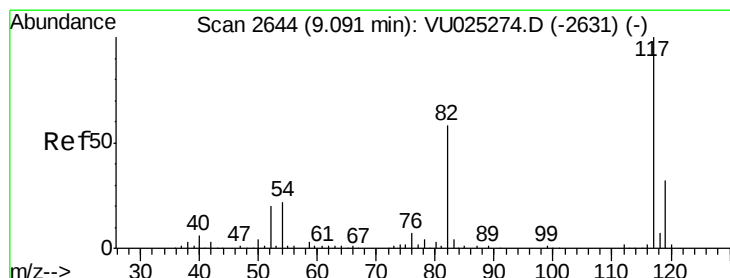
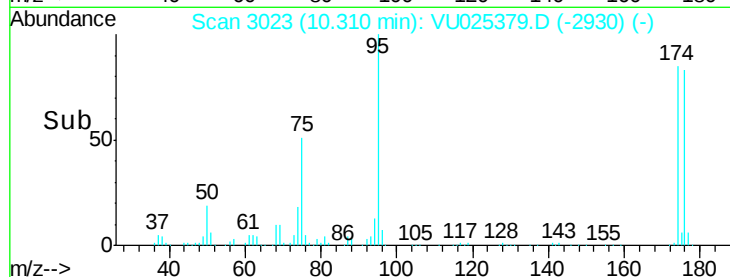
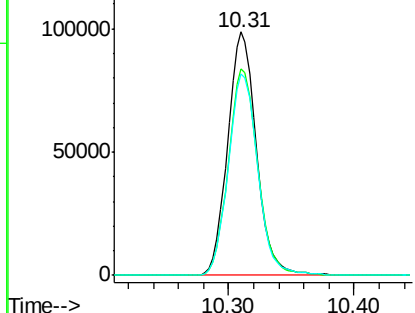
#62
4-Bromofluorobenzene
Concen: 44.67 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU025379.D
Acq: 13 Jul 2018 08:04

Instrument :
MSVOA_U
ClientSampleId :
CL-02-071118-A

Tot Ion: 95 Resp: 156420
Ion Ratio Lower Upper
95 100
174 87.1 0.0 172.2
176 85.0 0.0 162.6

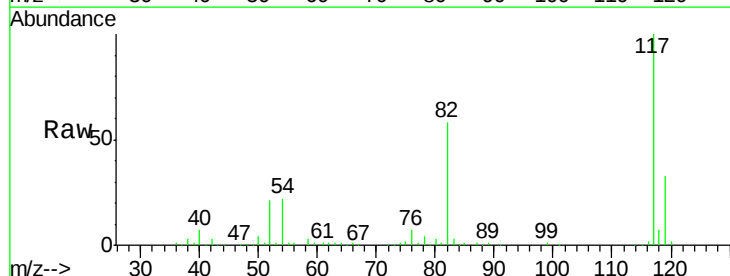


Abundance Ion 94.90 (94.60 to 95.60): VU025274.D (-3010) (-)
Ion 173.80 (173.50 to 174.50): VU025274.D (-3010) (-)
Ion 175.80 (175.50 to 176.50): VU025274.D (-3010) (-)

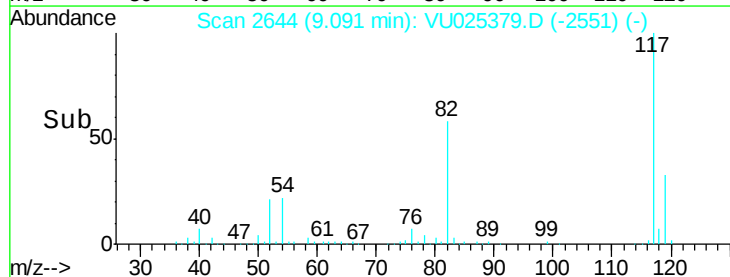
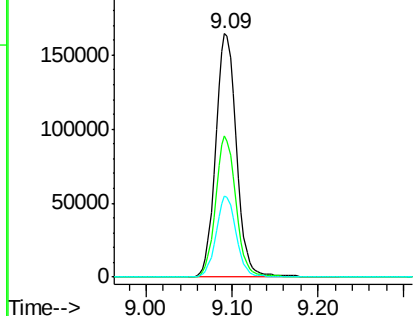


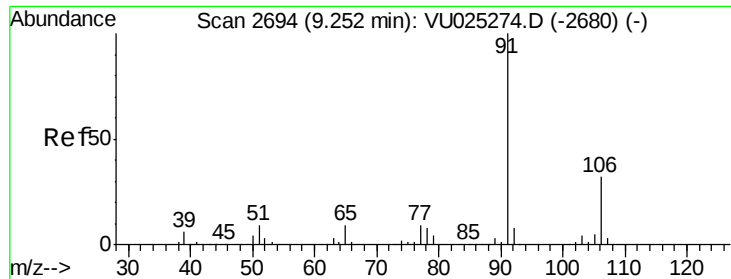
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VU025379.D
Acq: 13 Jul 2018 08:04

Tgt Ion: 117 Resp: 277826
Ion Ratio Lower Upper
117 100
82 57.8 46.0 69.0
119 33.2 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): VU025274.D (-2631) (-)
Ion 82.00 (81.70 to 82.70): VU025274.D (-2631) (-)
Ion 118.90 (118.60 to 119.60): VU025274.D (-2631) (-)

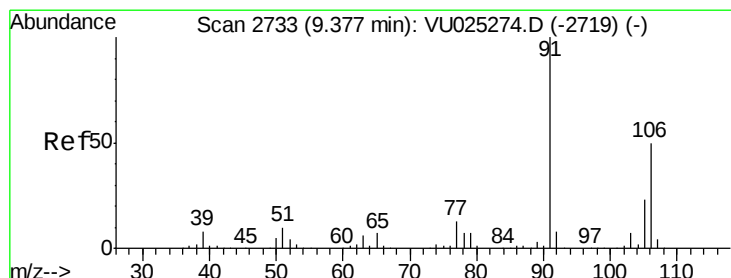
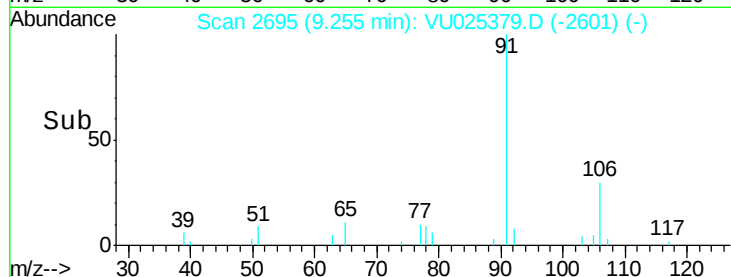
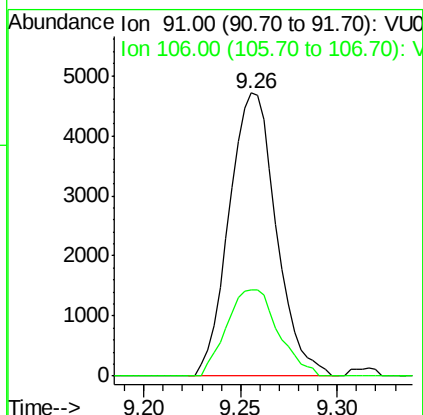
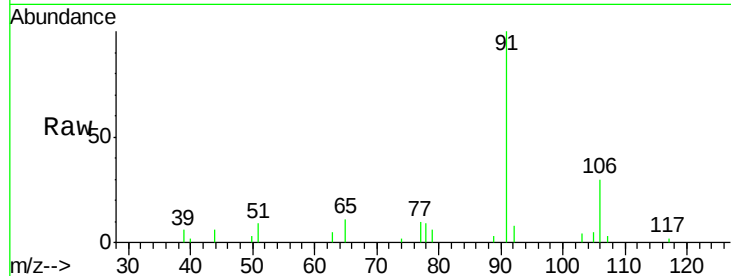




#67
Ethyl Benzene
Concen: 0.67 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025379.D
Acq: 13 Jul 2018 08:04

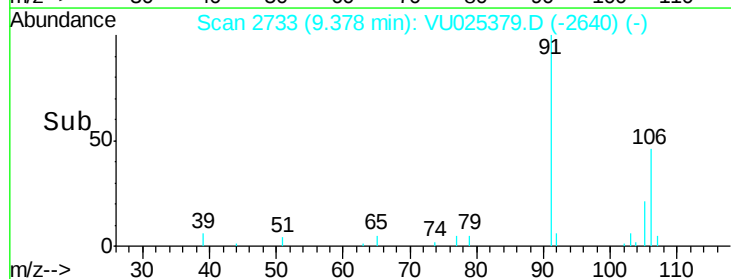
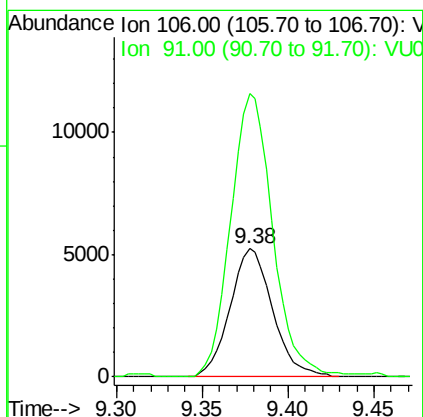
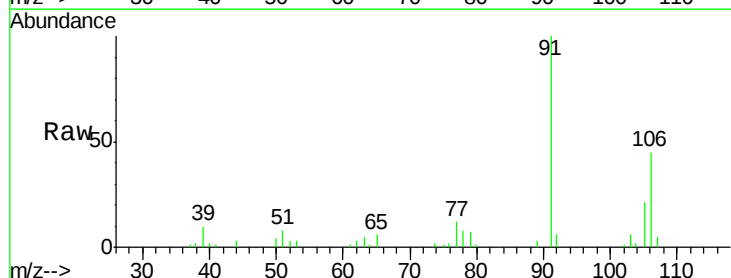
Instrument :
MSVOA_U
ClientSampleId :
CL-02-071118-A

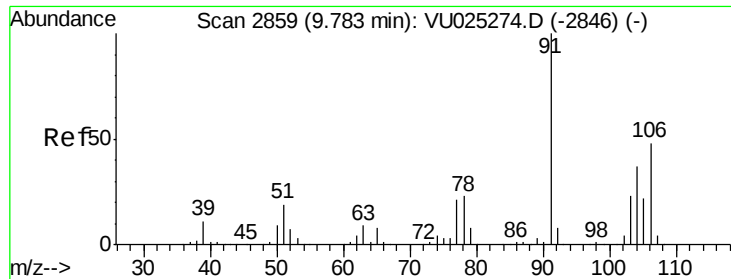
Tot Ion: 91 Resp: 7981
Ion Ratio Lower Upper
91 100
106 30.5 25.3 37.9



#68
m/p-Xylenes
Concen: 1.97 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU025379.D
Acq: 13 Jul 2018 08:04

Tgt Ion: 106 Resp: 9022
Ion Ratio Lower Upper
106 100
91 218.5 162.3 243.5

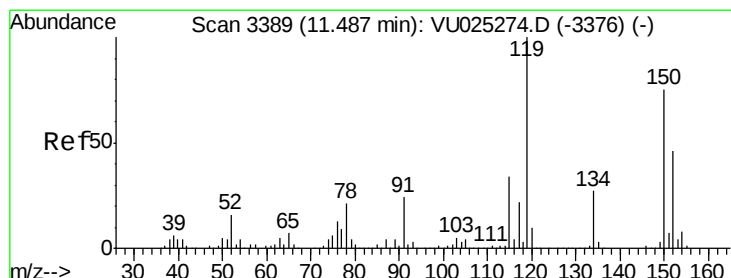
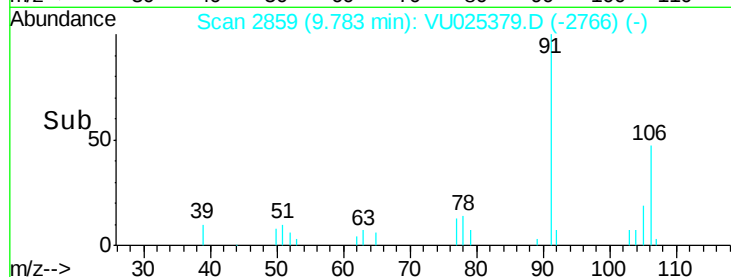
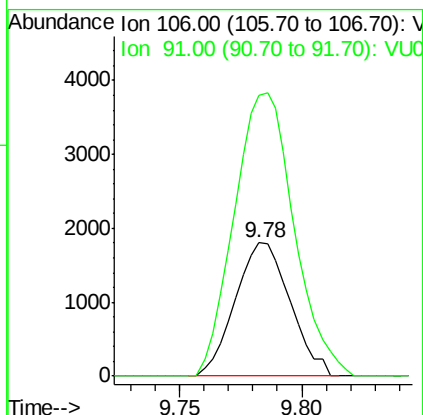
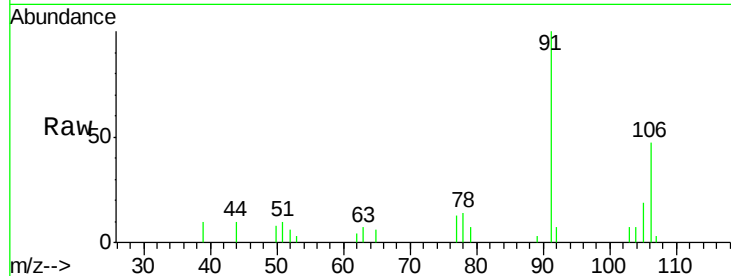




#69
o-Xylene
Concen: 0.61 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU025379.D
Acq: 13 Jul 2018 08:04

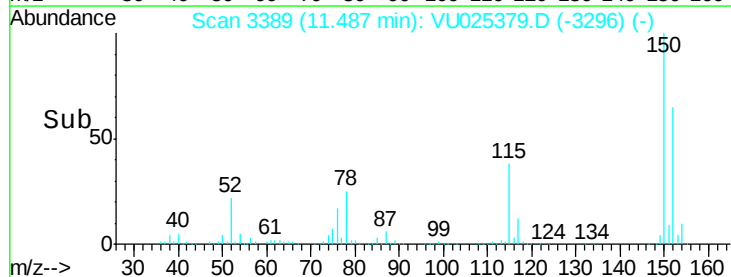
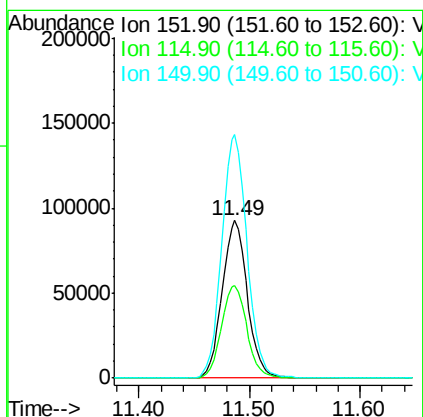
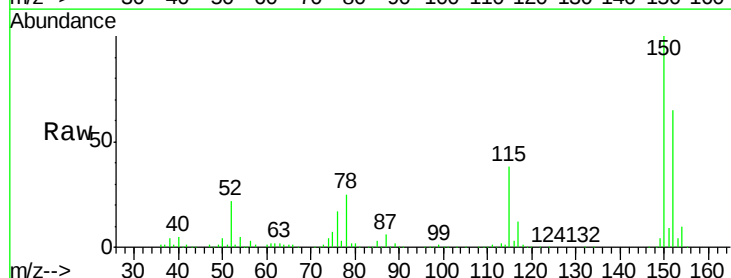
Instrument :
MSVOA_U
ClientSampleId :
CL-02-071118-A

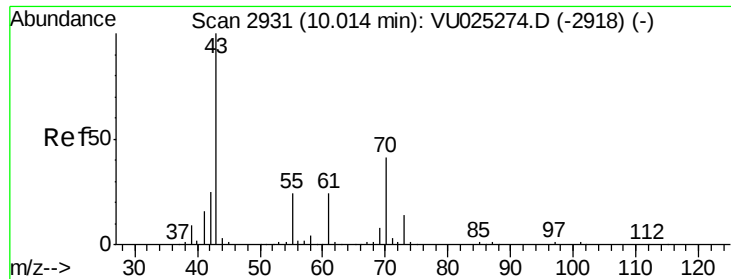
Tot Ion:106 Resp: 2816
Ion Ratio Lower Upper
106 100
91 231.9 105.3 315.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU025379.D
Acq: 13 Jul 2018 08:04

Tgt Ion:152 Resp: 146700
Ion Ratio Lower Upper
152 100
115 59.2 40.1 120.3
150 154.9 0.0 351.4





#74

N-amvl acetate

Concen: 1.40 ug/l

RT: 9.98 min Scan# 2921

Delta R.T. -0.03 min

Lab File: VU025379.D

Acq: 13 Jul 2018 08:04

Instrument :

MSVOA_U

ClientSampleId :

CL-02-071118-A

Tot Ion: 43 Resp: 639

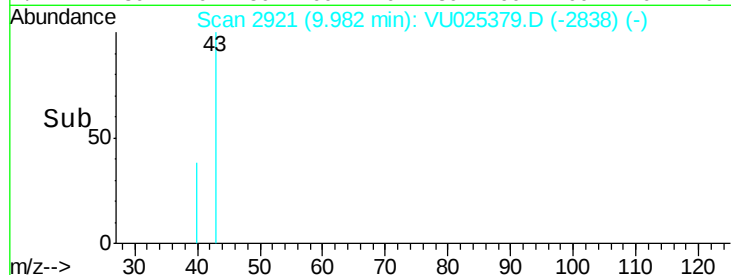
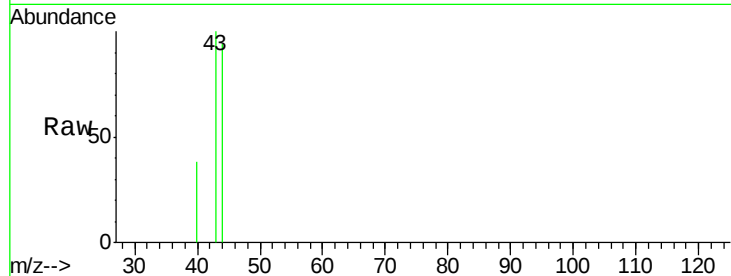
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.2#

55 0.0 19.0 28.6#

61 0.0 19.3 28.9#

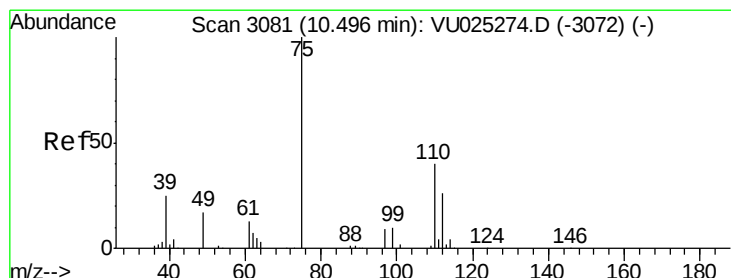
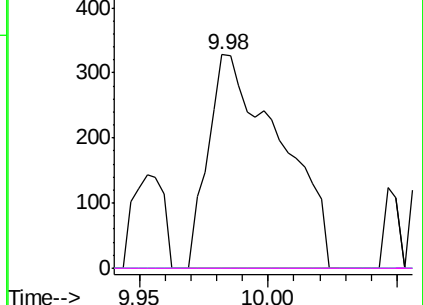


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#76

1,2,3-Trichloropropane

Concen: 27.46 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025379.D

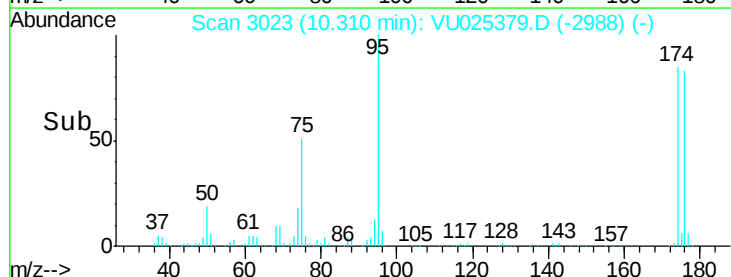
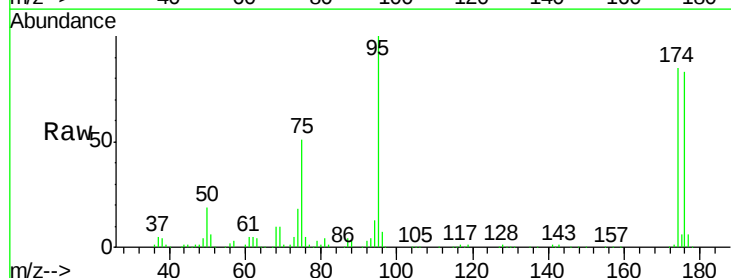
Acq: 13 Jul 2018 08:04

Tgt Ion: 75 Resp: 81924

Ion Ratio Lower Upper

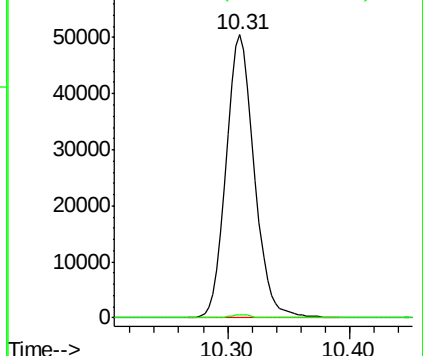
75 100

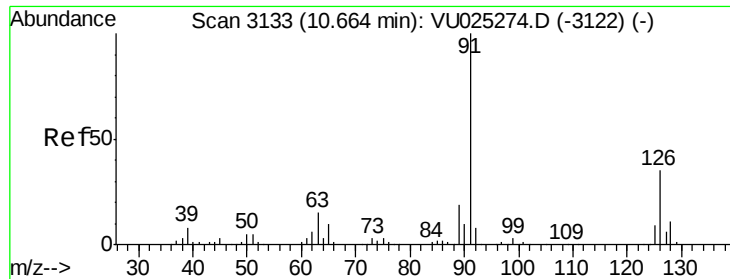
77 0.8 20.4 61.3#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#79

2-Chlorotoluene

Concen: 0.24 ug/l

RT: 10.68 min Scan# 3139

Delta R.T. 0.02 min

Lab File: VU025379.D

Acq: 13 Jul 2018 08:04

Instrument :

MSVOA_U

ClientSampleId :

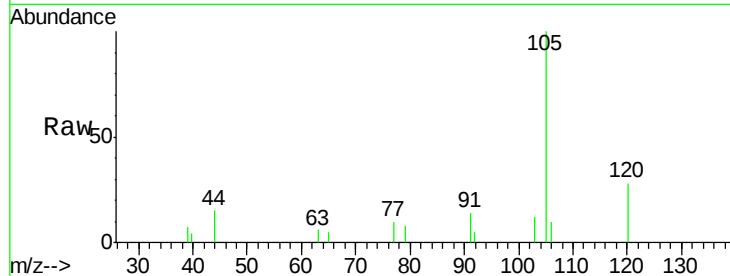
CL-02-071118-A

Tot Ion: 91 Resp: 659

Ion Ratio Lower Upper

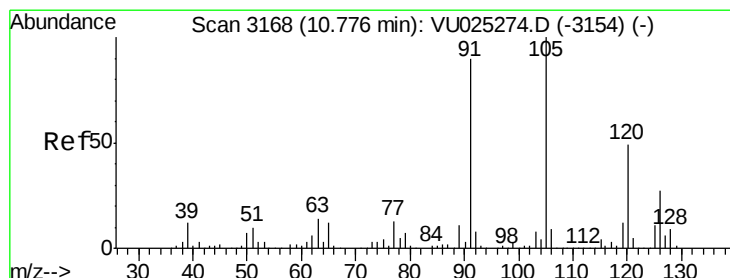
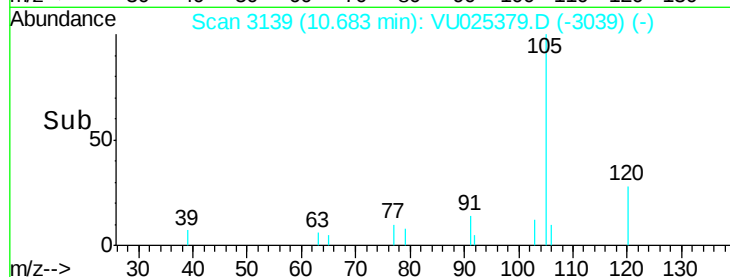
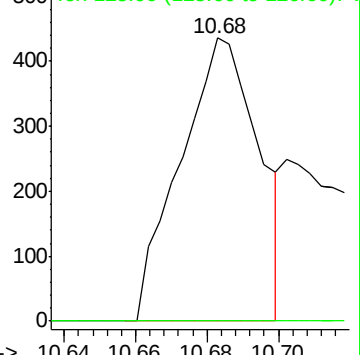
91 100

126 0.0 17.5 52.6#



Abundance Ion 91.00 (90.70 to 91.70): VU025274.D (-3122) (-)

Ion 125.90 (125.60 to 126.60): VU025274.D (-3122) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.32 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU025379.D

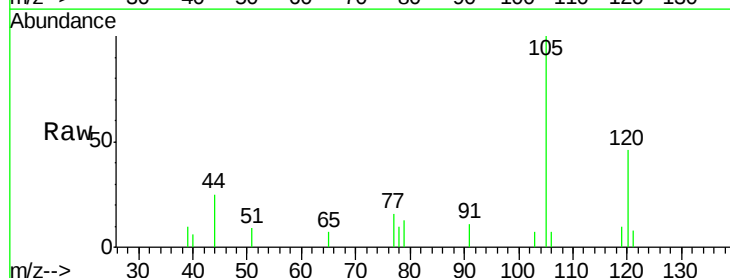
Acq: 13 Jul 2018 08:04

Tgt Ion: 105 Resp: 3021

Ion Ratio Lower Upper

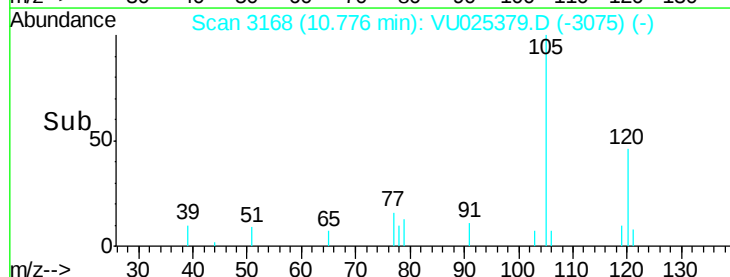
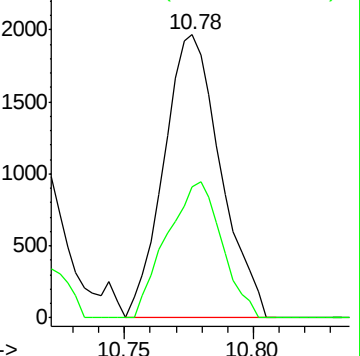
105 100

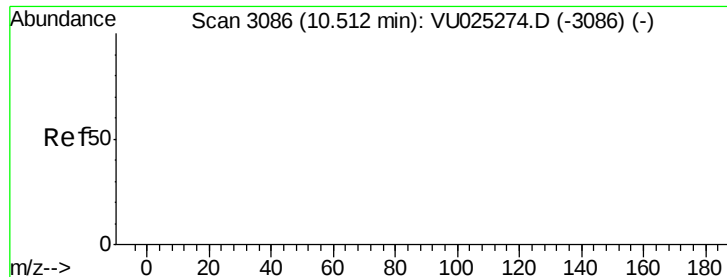
120 46.7 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU025274.D (-3154) (-)

Ion 120.00 (119.70 to 120.70): VU025274.D (-3154) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 70.10 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025379.D

Acq: 13 Jul 2018 08:04

Instrument :

MSVOA_U

ClientSampleId :

CL-02-071118-A

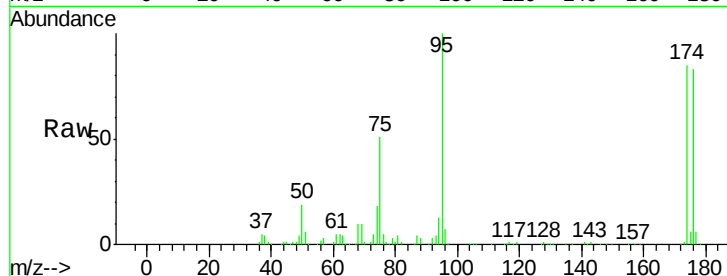
Tot Ion: 75 Resp: 81924

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

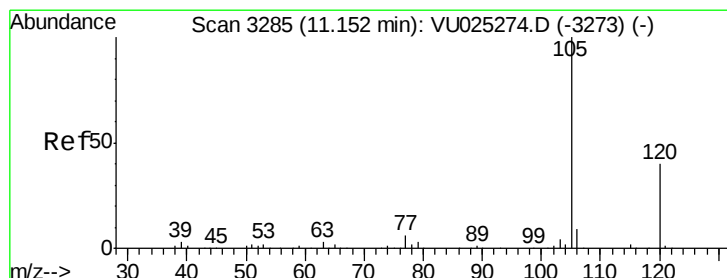
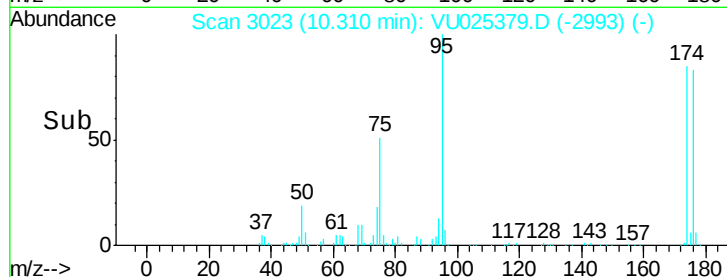
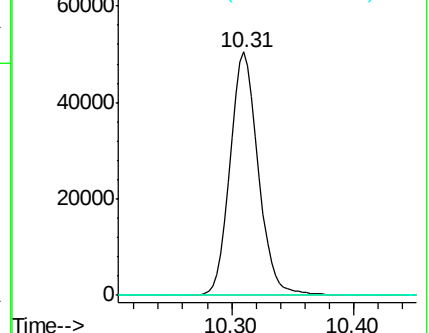
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU025274.D (-3086) (-)

Ion 53.00 (52.70 to 53.70): VU025274.D (-3086) (-)

Ion 88.90 (88.60 to 89.60): VU025274.D (-3086) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.18 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. 0.00 min

Lab File: VU025379.D

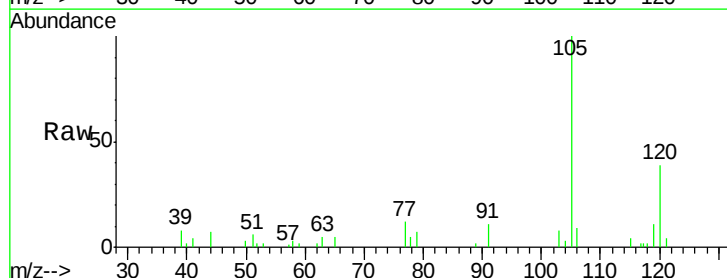
Acq: 13 Jul 2018 08:04

Tgt Ion:105 Resp: 11378

Ion Ratio Lower Upper

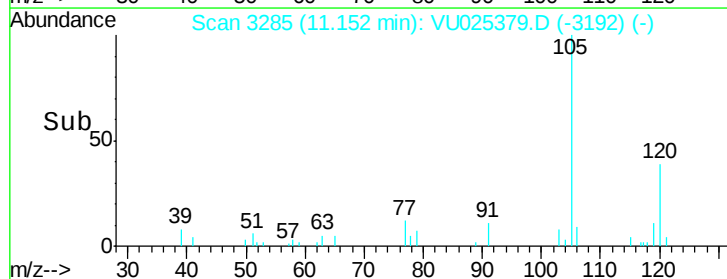
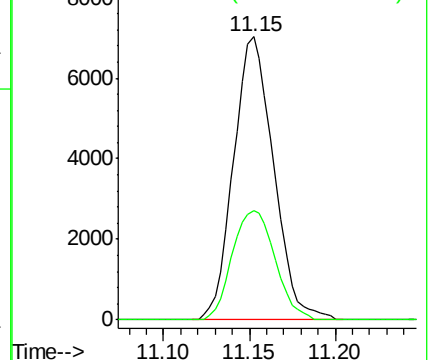
105 100

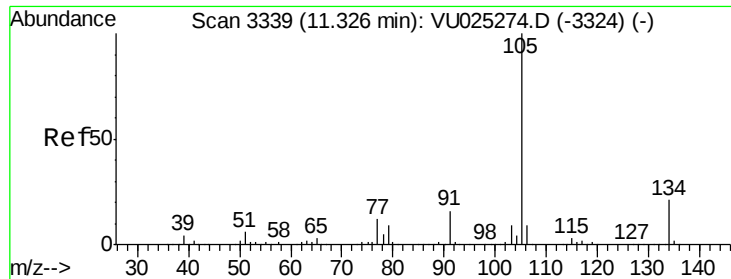
120 41.1 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): VU025274.D (-3273) (-)

Ion 120.00 (119.70 to 120.70): VU025274.D (-3273) (-)





#85

sec-Butylbenzene

Concen: 1.01 ug/l

RT: 11.15 min Scan# 3285

Delta R.T. -0.17 min

Lab File: VU025379.D

Acq: 13 Jul 2018 08:04

Instrument :

MSVOA_U

ClientSampleId :

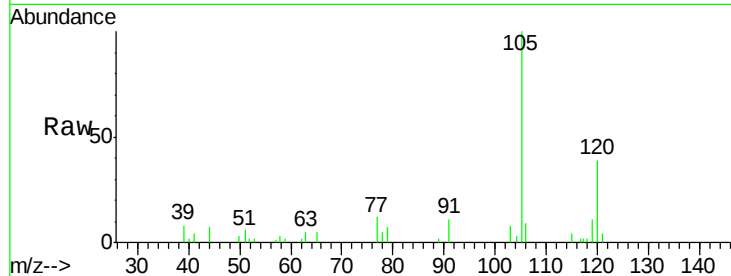
CL-02-071118-A

Tot Ion:105 Resp: 11378

Ion Ratio Lower Upper

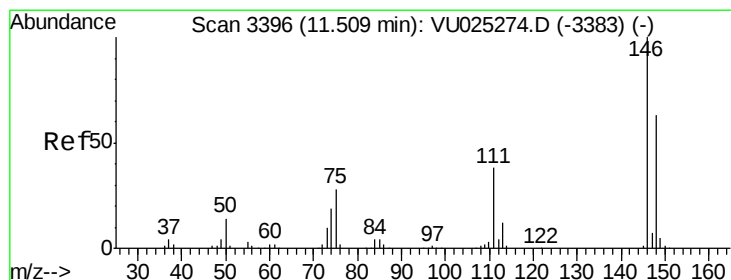
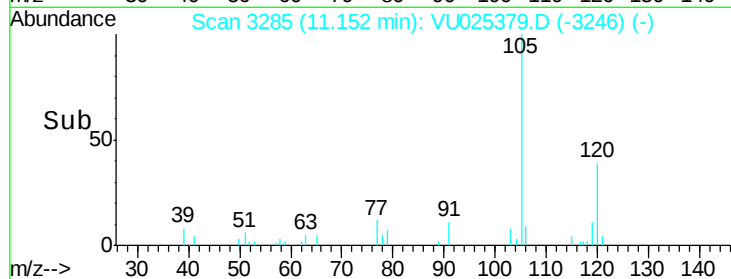
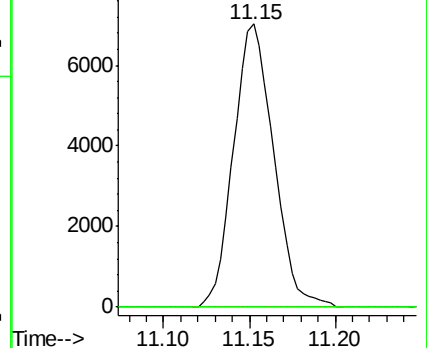
105 100

134 0.0 10.3 30.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#88

1,4-Dichlorobenzene

Concen: 1.51 ug/l

RT: 11.50 min Scan# 3393

Delta R.T. -0.01 min

Lab File: VU025379.D

Acq: 13 Jul 2018 08:04

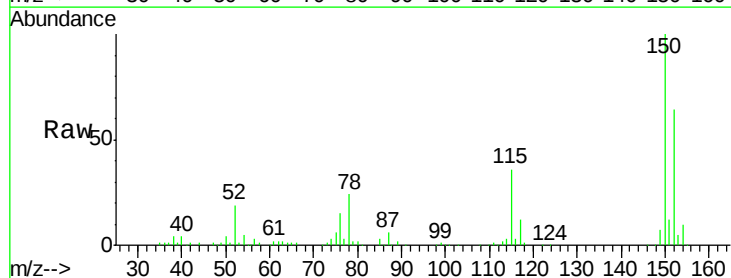
Tgt Ion:146 Resp: 105

Ion Ratio Lower Upper

146 100

111 0.0 19.4 58.1#

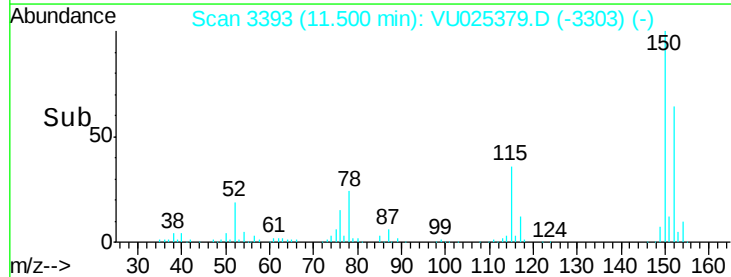
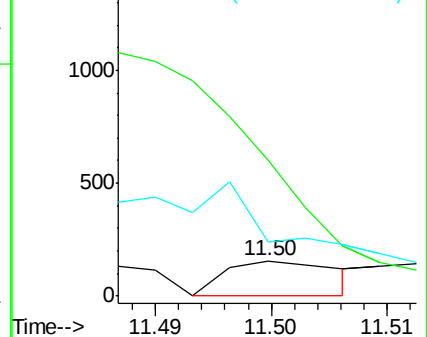
148 512.4 31.7 95.1#

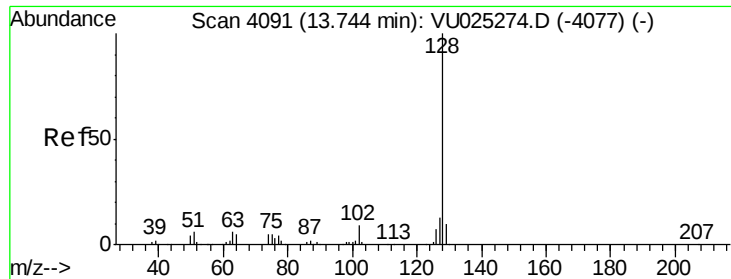


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

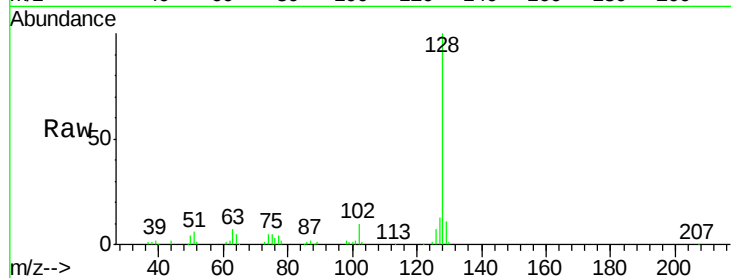




#95
 Naphthalene
 Concen: 8.98 ug/l
 RT: 13.75 min Scan# 4092
 Delta R.T. 0.00 min
 Lab File: VU025379.D
 Acq: 13 Jul 2018 08:04

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-071118-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.5	8.3	12.5



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

