

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090719\
 Data File : VU034361.D
 Acq On : 07 Sep 2019 03:46
 Operator : JC/SP
 Sample : K4725-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S13-0270

Quant Time: Sep 07 05:51:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	293293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	438580	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	433859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	264625	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.29	65	222802	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
35) Dibromofluoromethane	4.86	113	202691	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
50) Toluene-d8	7.55	98	750681	48.96	ug/l	0.00
Spiked Amount			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	10.29	95	278111	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	

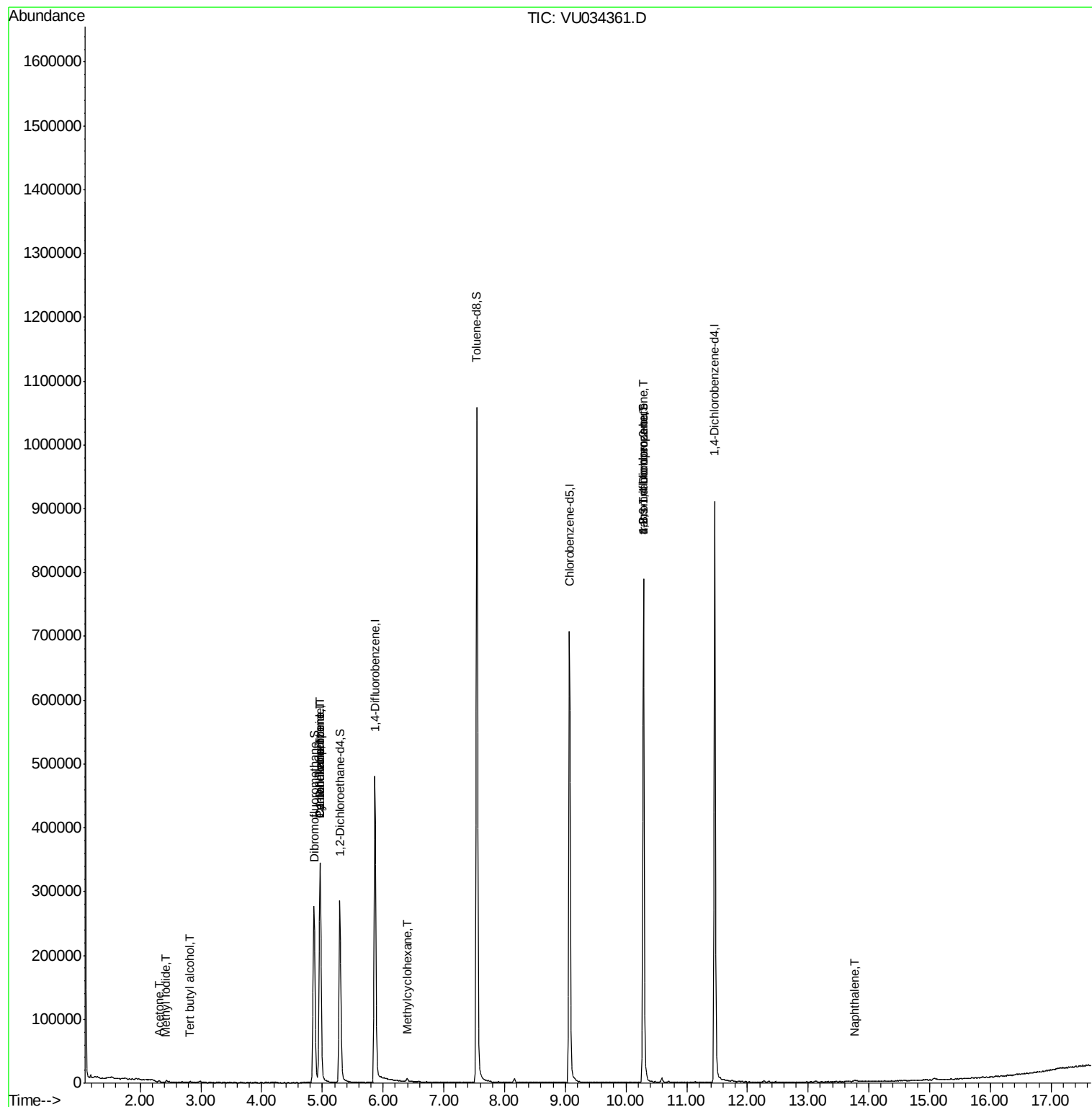
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.60	94	42	Below Cal	#	2
6) Chloroethane	1.68	64	107	Below Cal	#	43
10) Methyl Iodide	2.41	142	190	3.903	ug/l #	43
11) Tert butyl alcohol	2.82	59	560	0.597	ug/l #	73
16) Acetone	2.31	43	2221	0.967	ug/l	92
20) Methylene Chloride	2.69	84	373	Below Cal	#	89
31) Cyclohexane	4.96	56	5448	1.048	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	19820	4.167	ug/l #	48
38) Carbon Tetrachloride	4.96	117	24883	4.900	ug/l #	16
39) Methylcyclohexane	6.39	83	2174	0.428	ug/l	88
76) 1,2,3-Trichloropropane	10.29	75	128013	22.162	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.29	75	128013	74.529	ug/l #	100
95) Naphthalene	13.76	128	2044	4.073	ug/l #	85

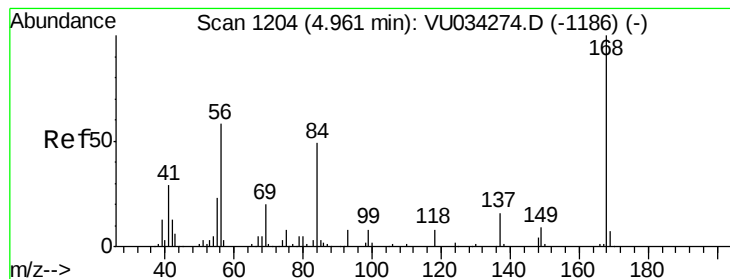
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VU034361.D

Acq: 07 Sep 2019 03:46

Instrument :

MSVOA_U

ClientSampleId :

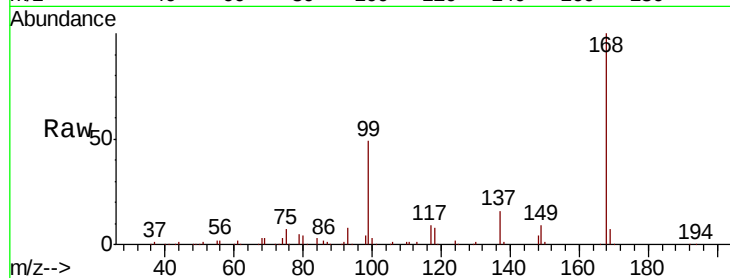
S13-0270

Tgt Ion:168 Resp: 293293

Ion Ratio Lower Upper

168 100

99 49.5 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): VU034274.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU034274.D (-1186) (-)

4.96

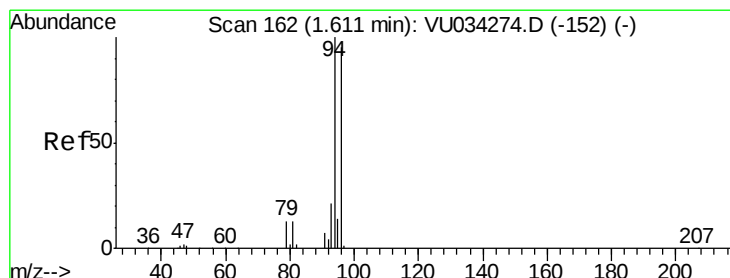
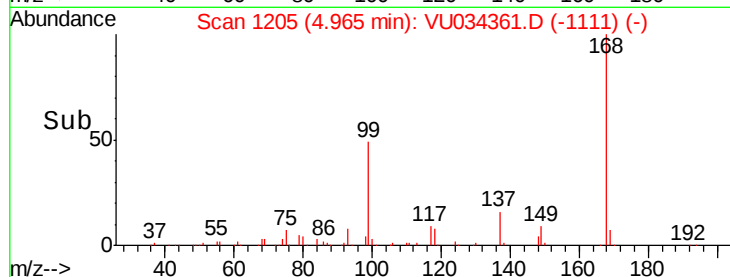
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.60 min Scan# 159

Delta R.T. -0.01 min

Lab File: VU034361.D

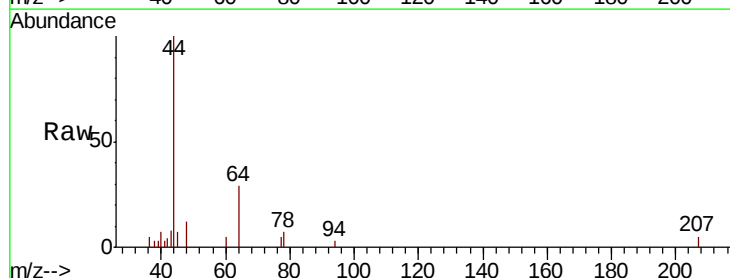
Acq: 07 Sep 2019 03:46

Tgt Ion: 94 Resp: 42

Ion Ratio Lower Upper

94 100

96 0.0 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VU034274.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VU034274.D (-152) (-)

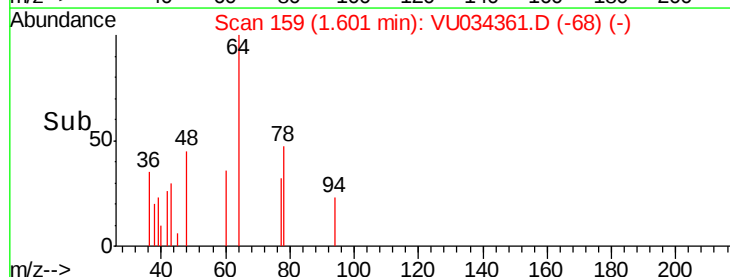
1.60

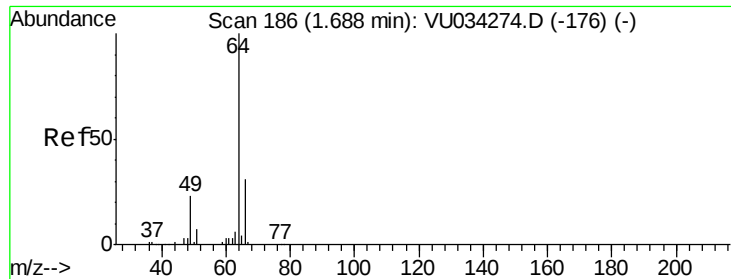
100

50

0

Time-->





#6

Chloroethane

Concen: Below Cal

RT: 1.68 min Scan# 185

Delta R.T. -0.00 min

Lab File: VU034361.D

Acq: 07 Sep 2019 03:46

Instrument :

MSVOA_U

ClientSampled :

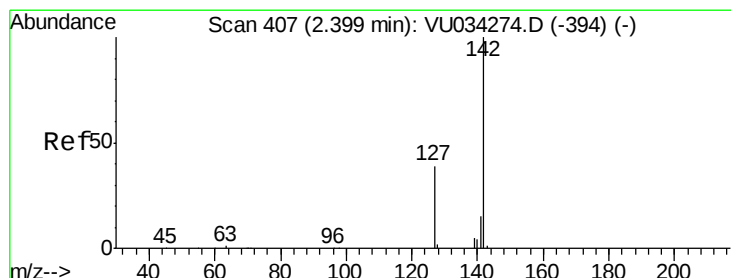
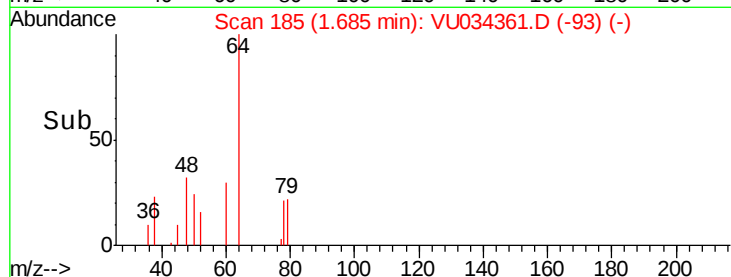
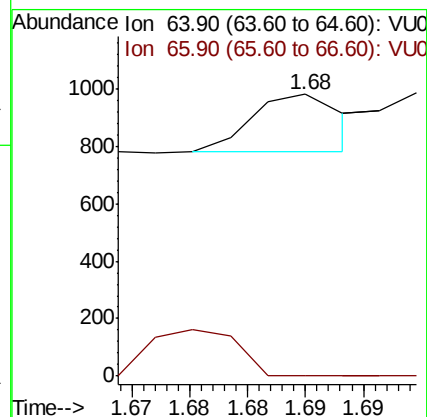
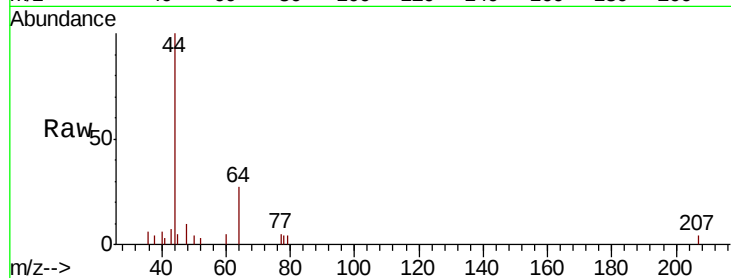
S13-0270

Tgt Ion: 64 Resp: 107

Ion Ratio Lower Upper

64 100

66 0.0 25.0 37.6#



#10

Methyl Iodide

Concen: 3.903 ug/l

RT: 2.41 min Scan# 411

Delta R.T. 0.01 min

Lab File: VU034361.D

Acq: 07 Sep 2019 03:46

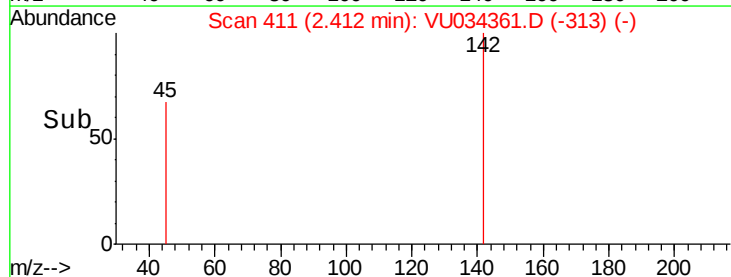
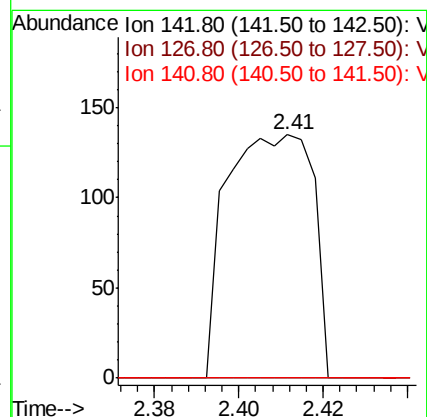
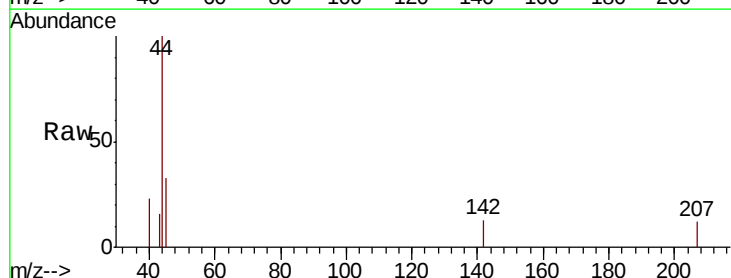
Tgt Ion: 142 Resp: 190

Ion Ratio Lower Upper

142 100

127 0.0 32.1 48.1#

141 0.0 11.5 17.3#



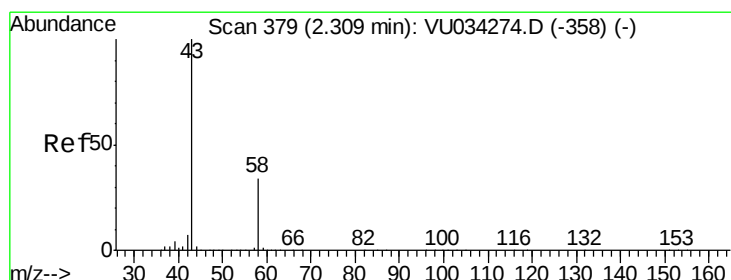
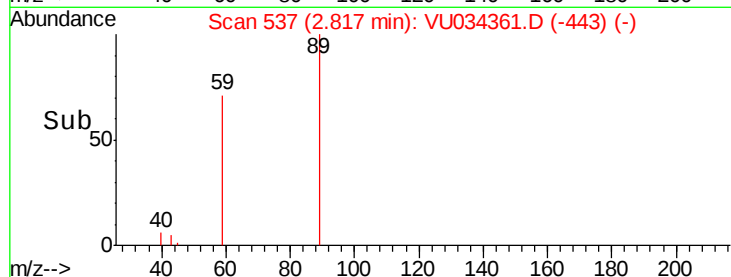
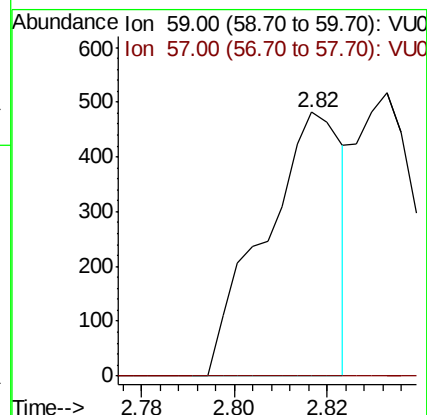
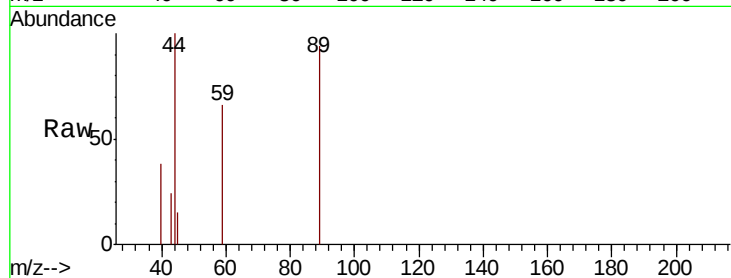


#11

Tert butyl alcohol
 Concen: 0.597 ug/l
 RT: 2.82 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: VU034361.D
 Acq: 07 Sep 2019 03:46

Instrument :
 MSVOA_U
 ClientSampleId :
 S13-0270

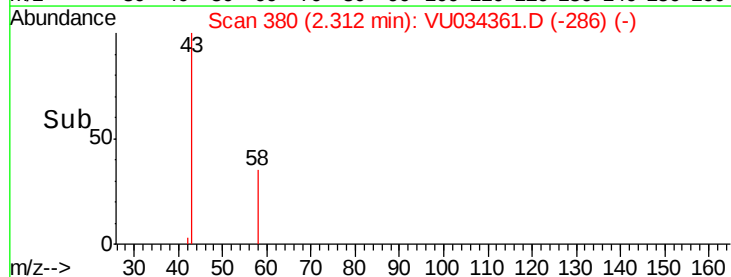
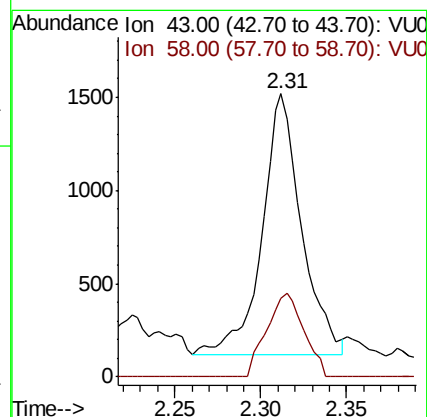
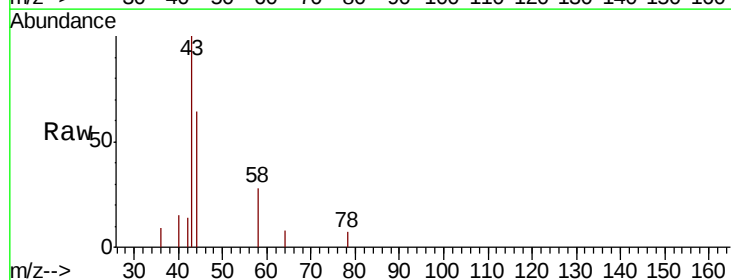
Tgt Ion: 59 Resp: 560
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

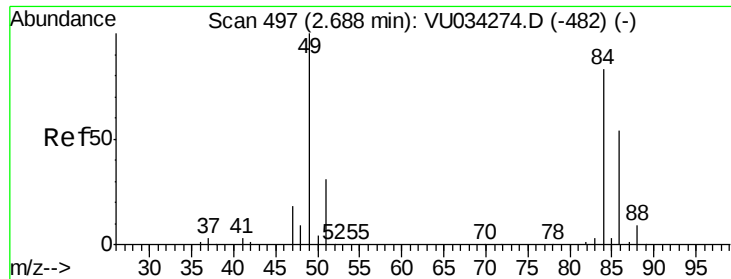


#16

Acetone
 Concen: 0.967 ug/l
 RT: 2.31 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VU034361.D
 Acq: 07 Sep 2019 03:46

Tgt Ion: 43 Resp: 2221
 Ion Ratio Lower Upper
 43 100
 58 30.0 27.6 41.4

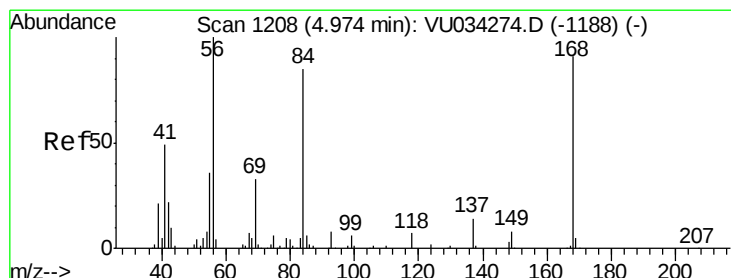
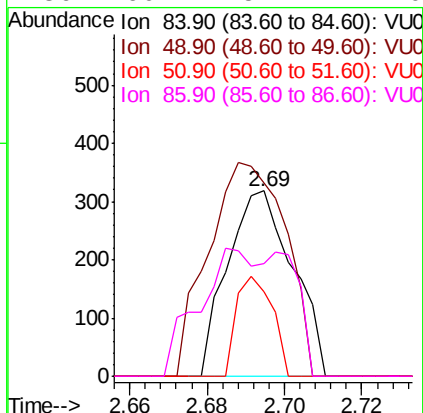
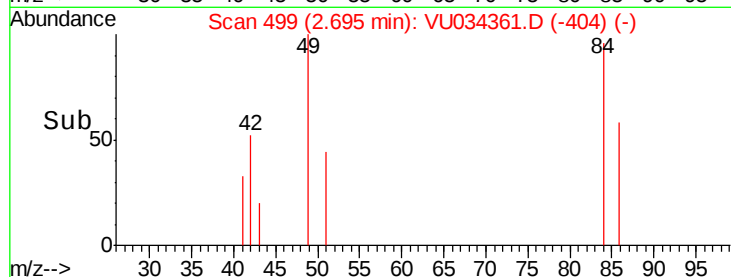
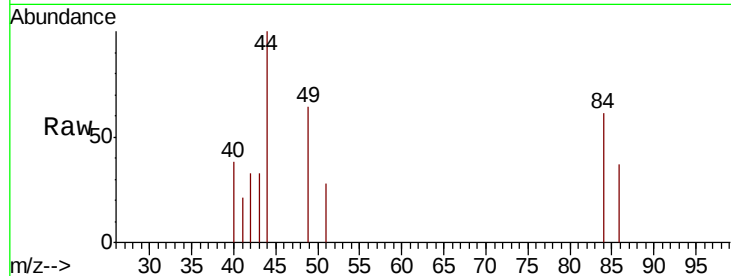




#20
Methylene Chloride
Concen: Below Cal
RT: 2.69 min Scan# 499
Delta R.T. 0.01 min
Lab File: VU034361.D
Acq: 07 Sep 2019 03:46

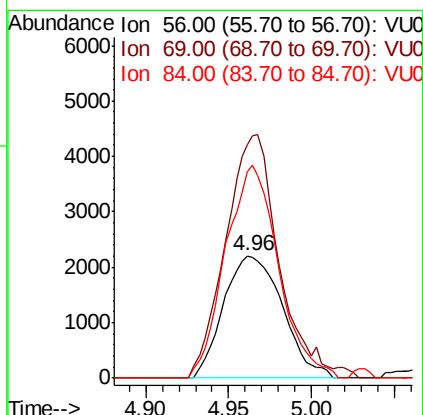
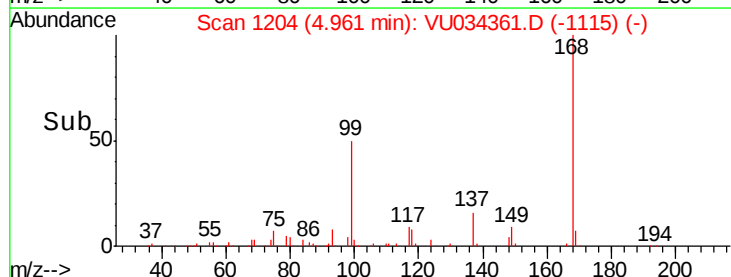
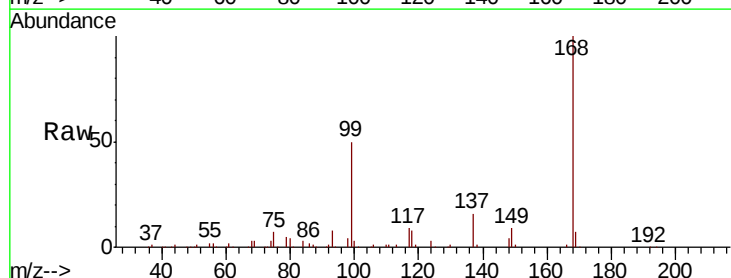
Instrument :
MSVOA_U
ClientSampled :
S13-0270

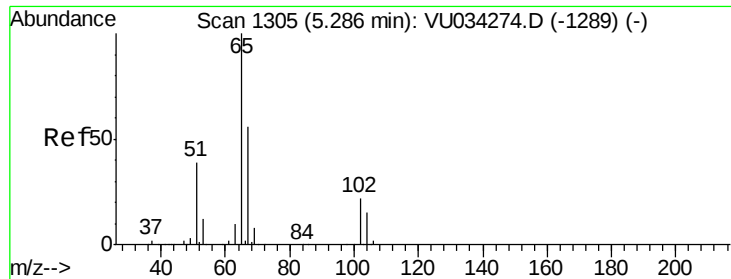
Tgt Ion: 84 Resp: 373
Ion Ratio Lower Upper
84 100
49 104.4 96.0 144.0
51 45.6 30.0 45.0#
86 60.7 51.4 77.0



#31
Cyclohexane
Concen: 1.048 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VU034361.D
Acq: 07 Sep 2019 03:46

Tgt Ion: 56 Resp: 5448
Ion Ratio Lower Upper
56 100
69 190.4 26.7 40.1#
84 168.7 68.2 102.4#

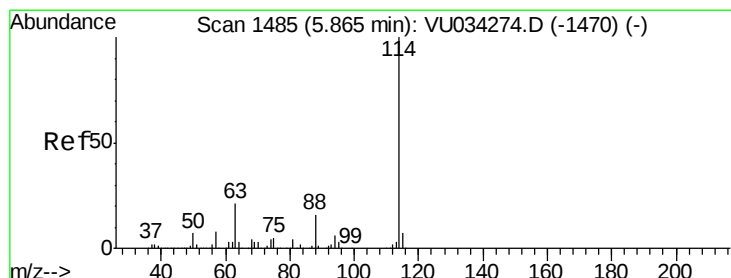
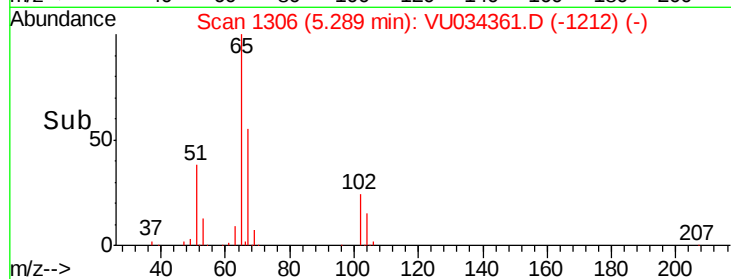
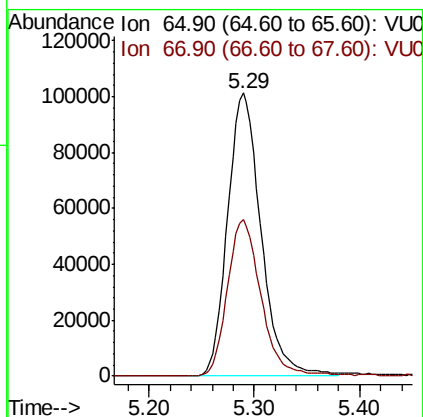
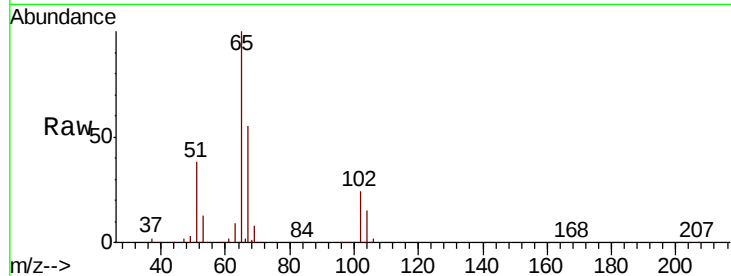




#33
 1,2-Dichloroethane-d4
 Concen: 50.208 ug/l
 RT: 5.29 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: VU034361.D
 Acq: 07 Sep 2019 03:46

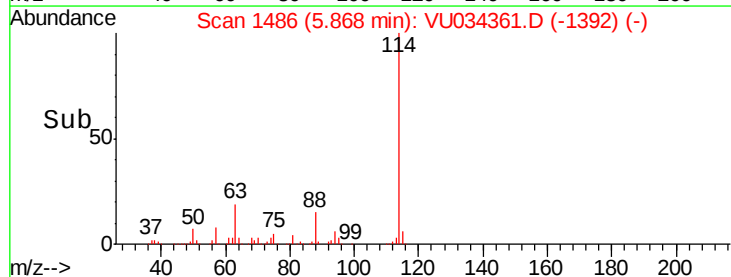
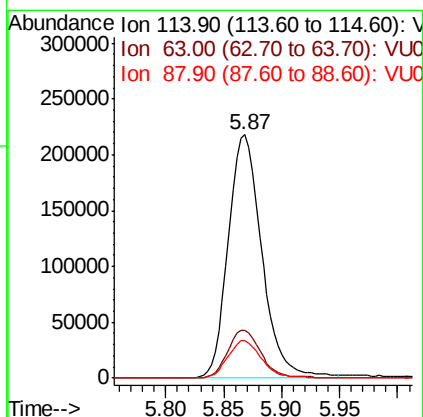
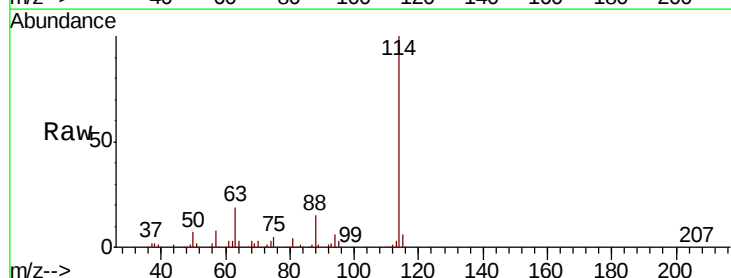
Instrument :
 MSVOA_U
 ClientSampleId :
 S13-0270

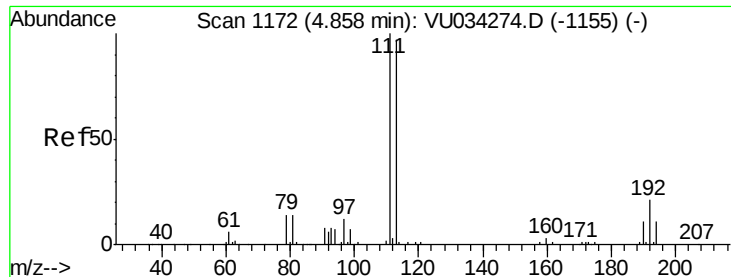
Tgt Ion: 65 Resp: 222802
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 112.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.87 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VU034361.D
 Acq: 07 Sep 2019 03:46

Tgt Ion: 114 Resp: 438580
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 15.4 0.0 32.4

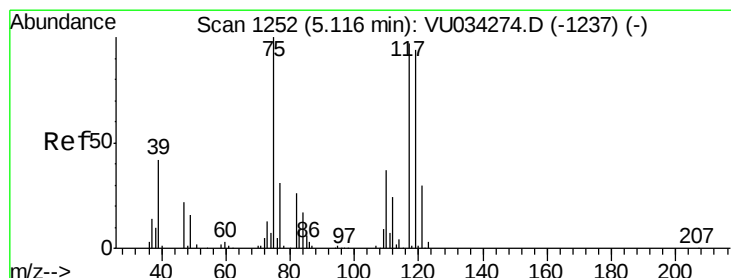
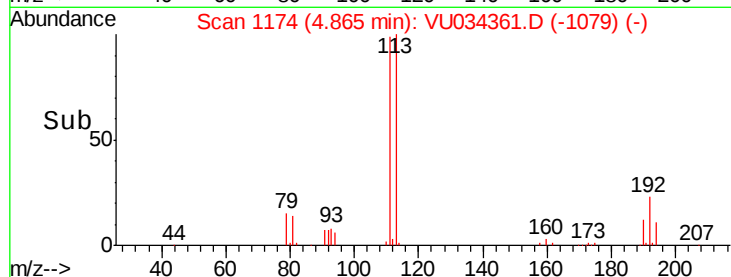
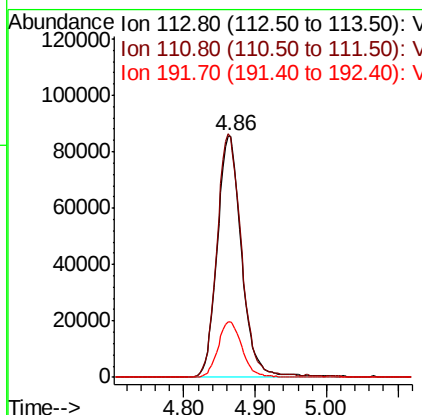
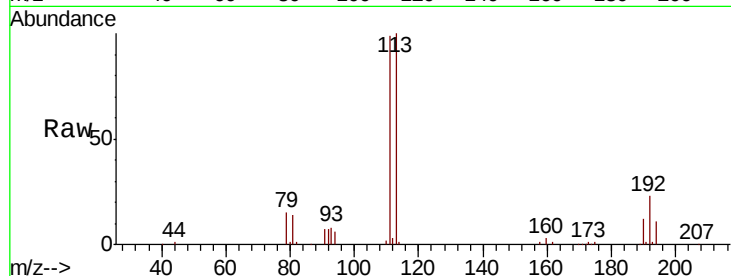




#35
 Dibromofluoromethane
 Concen: 49.667 ug/l
 RT: 4.86 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: VU034361.D
 Acq: 07 Sep 2019 03:46

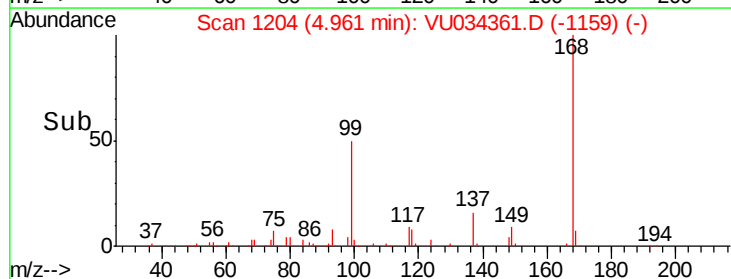
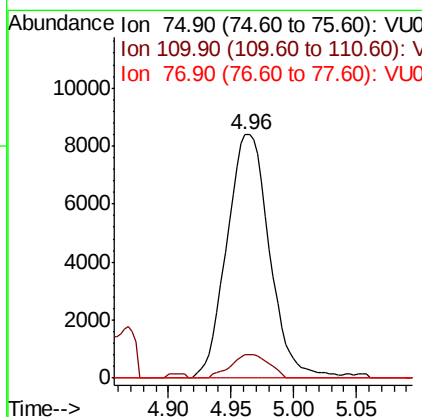
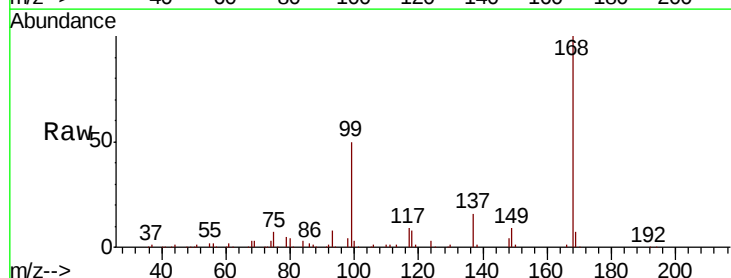
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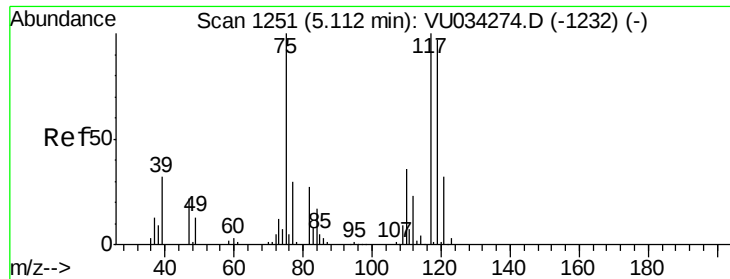
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.5	122.3
192	22.7	17.8	26.8



#36
 1,1-Dichloropropene
 Concen: 4.167 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034361.D
 Acq: 07 Sep 2019 03:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.3	54.9#
77	0.0	24.9	37.3#

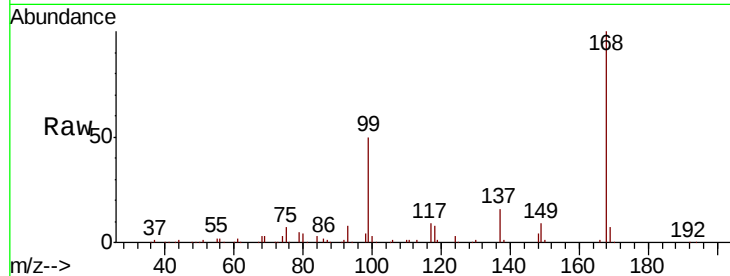




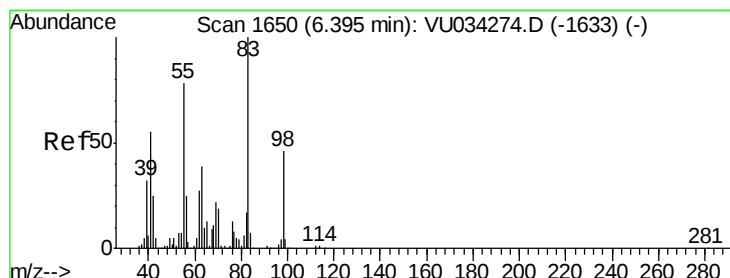
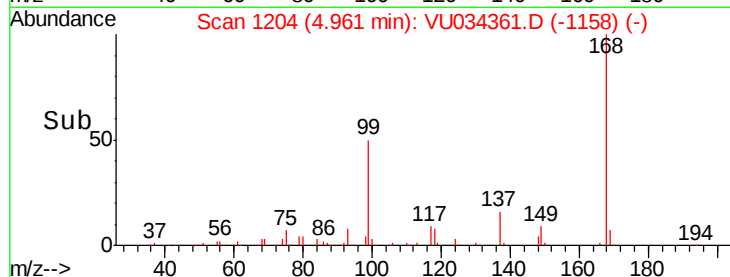
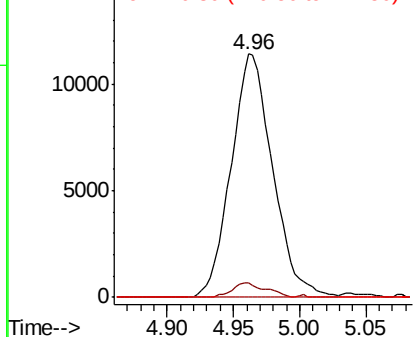
#38
Carbon Tetrachloride
Concen: 4.900 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034361.D
Acq: 07 Sep 2019 03:46

Instrument :
MSVOA_U
ClientSampleId :
S13-0270

Tgt Ion:117 Resp: 24883
Ion Ratio Lower Upper
117 100
119 5.7 77.8 116.6#
121 0.0 25.2 37.8#

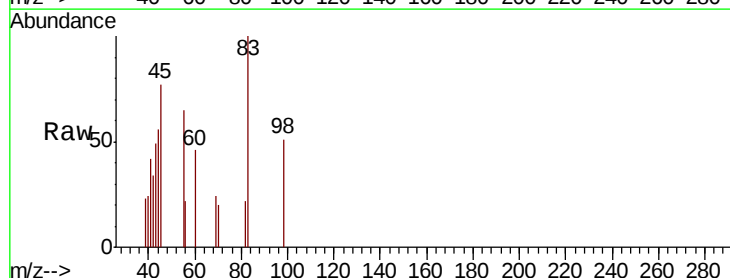


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

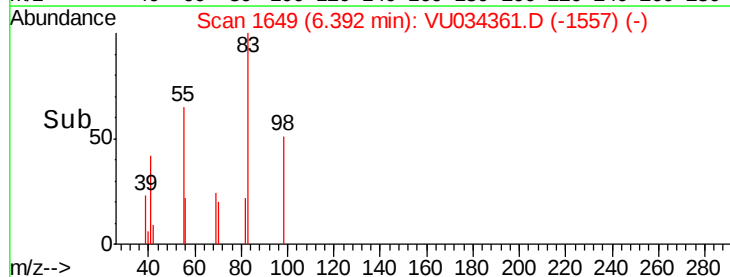
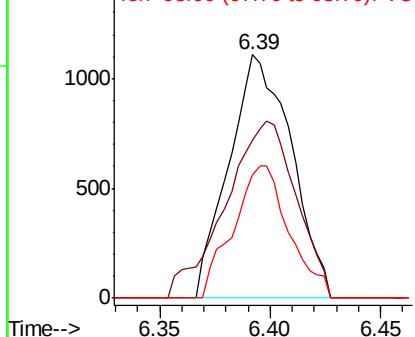


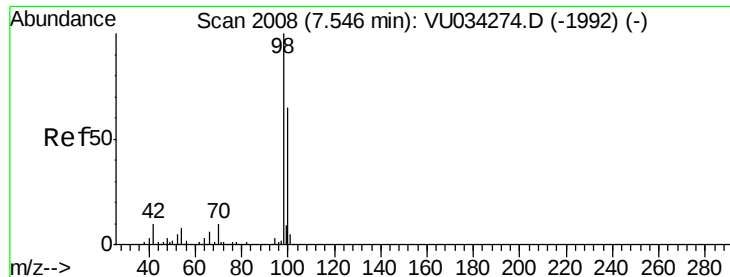
#39
Methylcyclohexane
Concen: 0.428 ug/l
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU034361.D
Acq: 07 Sep 2019 03:46

Tgt Ion: 83 Resp: 2174
Ion Ratio Lower Upper
83 100
55 64.7 62.1 93.1
98 50.9 37.0 55.6



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





#50

Toluene-d8

Concen: 48.960 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034361.D

Acq: 07 Sep 2019 03:46

Instrument :

MSVOA_U

ClientSampleId :

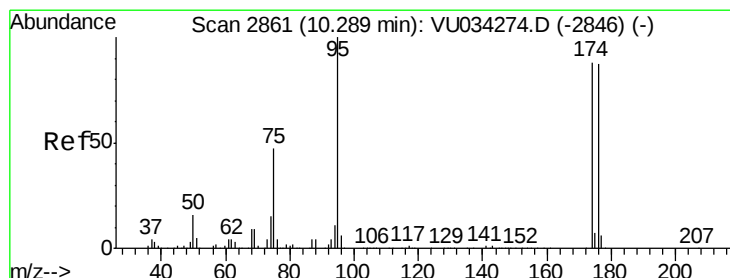
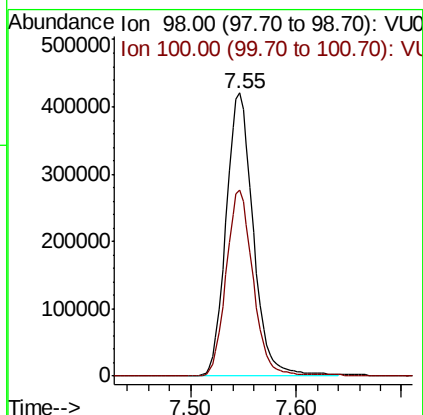
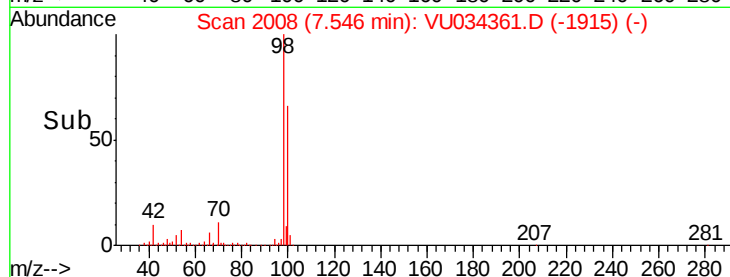
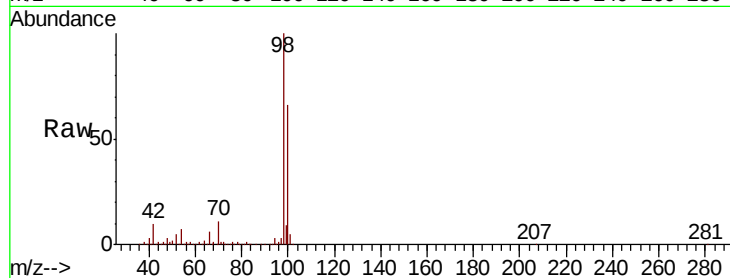
S13-0270

Tgt Ion: 98 Resp: 750681

Ion Ratio Lower Upper

98 100

100 65.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 46.980 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034361.D

Acq: 07 Sep 2019 03:46

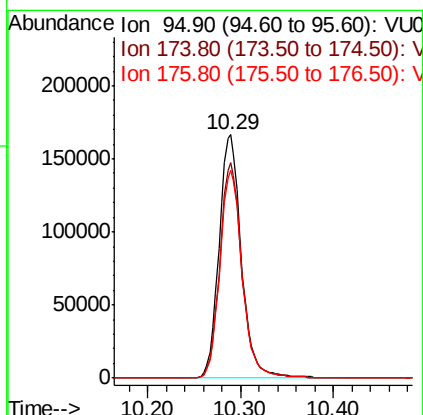
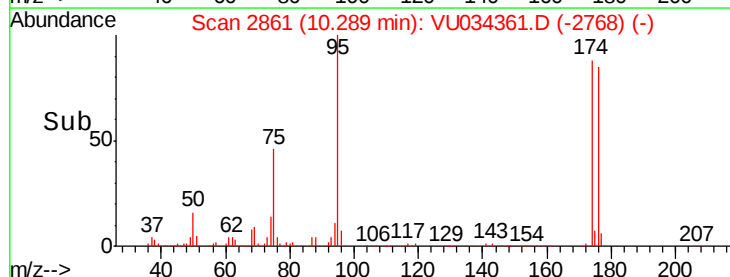
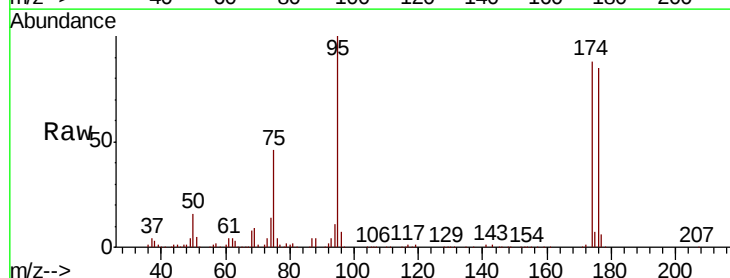
Tgt Ion: 95 Resp: 278111

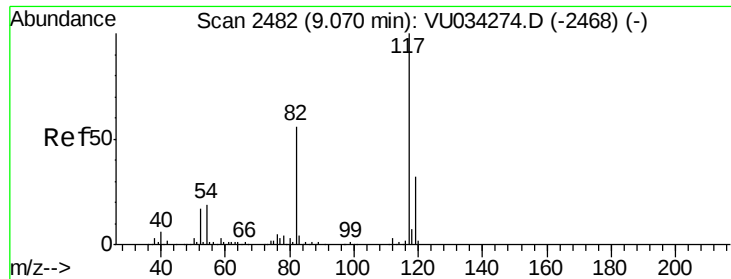
Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.2

176 85.6 0.0 168.0

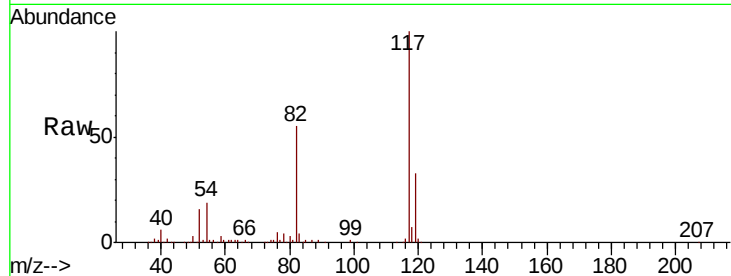




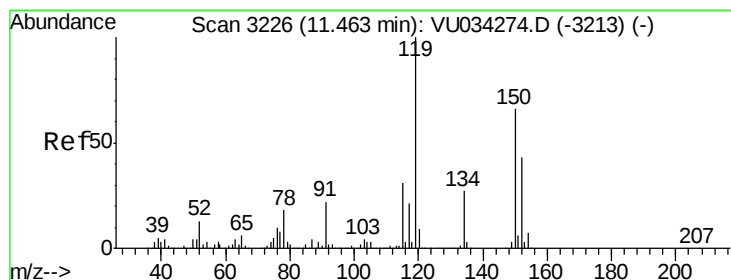
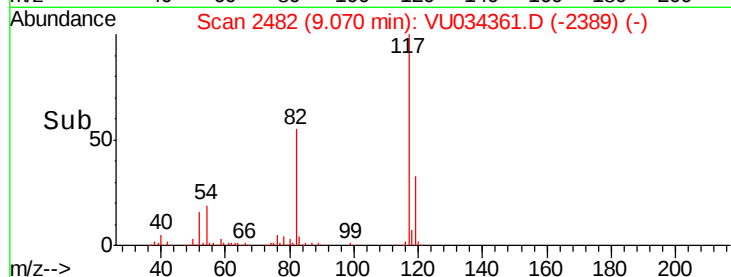
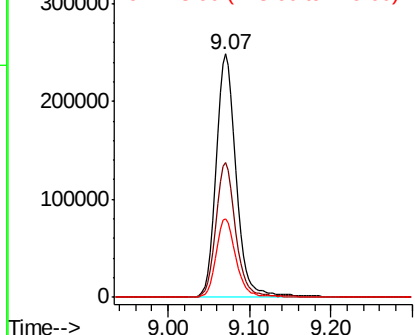
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034361.D
Acq: 07 Sep 2019 03:46

Instrument :
MSVOA_U
ClientSampleId :
S13-0270

Tgt Ion:117 Resp: 433859
Ion Ratio Lower Upper
117 100
82 55.5 44.6 67.0
119 32.5 25.9 38.9

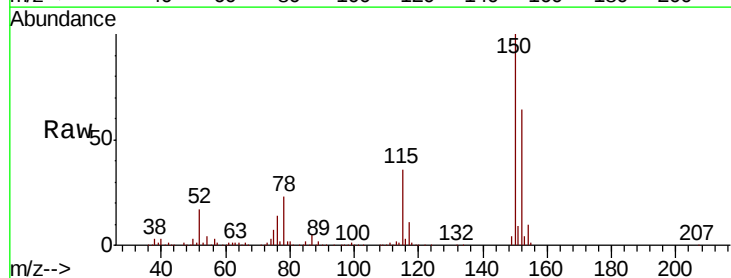


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

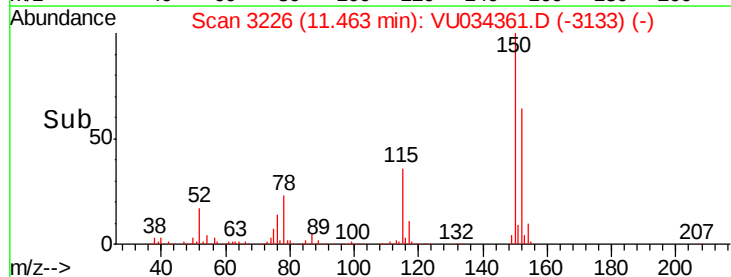
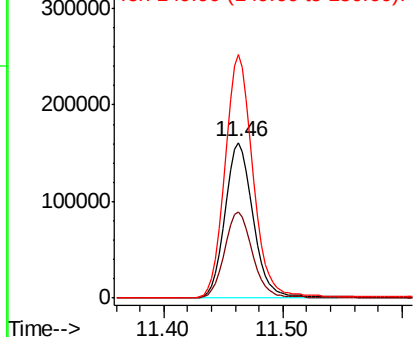


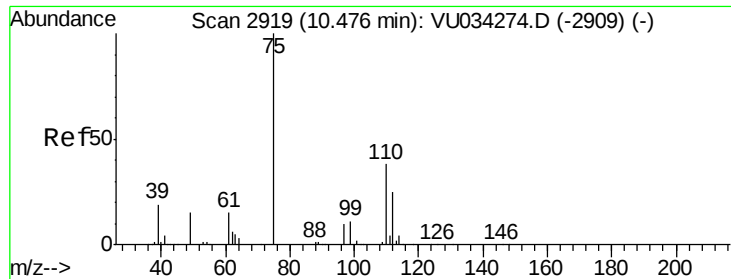
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.46 min Scan# 3226
Delta R.T. 0.00 min
Lab File: VU034361.D
Acq: 07 Sep 2019 03:46

Tgt Ion:152 Resp: 264625
Ion Ratio Lower Upper
152 100
115 55.6 39.1 117.3
150 156.4 0.0 345.4



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: 22.162 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034361.D

Acq: 07 Sep 2019 03:46

Instrument :

MSVOA_U

ClientSampleId :

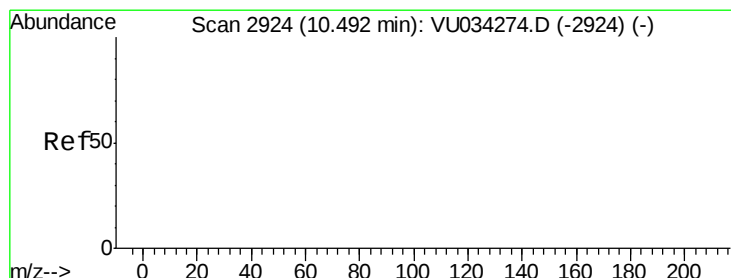
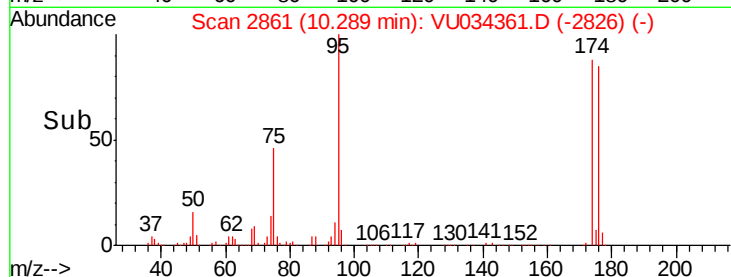
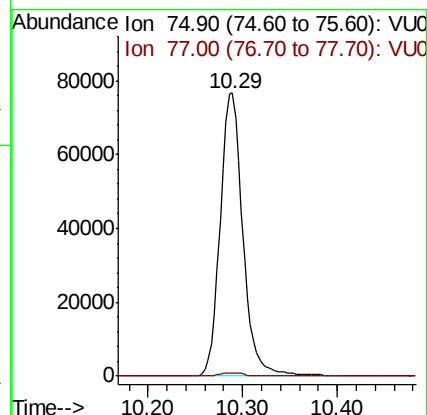
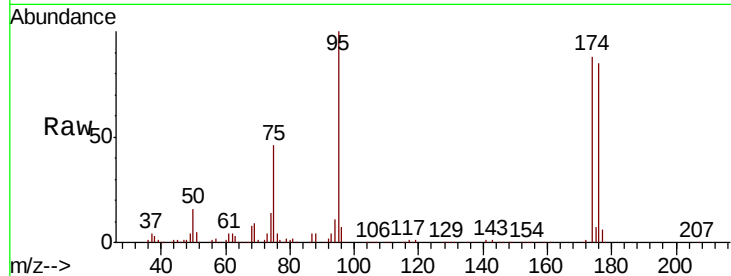
S13-0270

Tgt Ion: 75 Resp: 128013

Ion Ratio Lower Upper

75 100

77 1.4 20.8 62.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.529 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.20 min

Lab File: VU034361.D

Acq: 07 Sep 2019 03:46

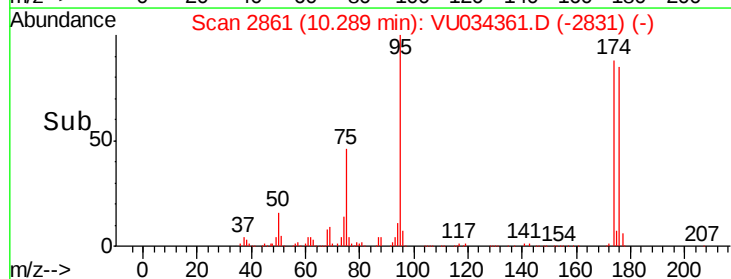
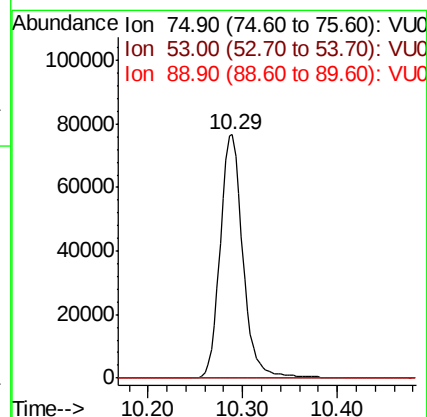
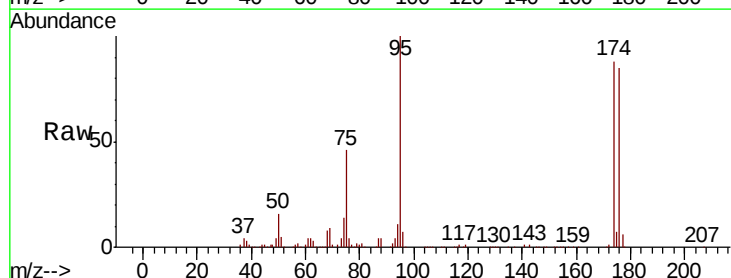
Tgt Ion: 75 Resp: 128013

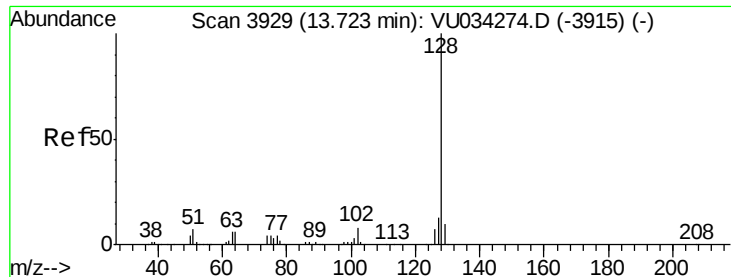
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0#

89 0.0 0.0 0.0





#95

Naphthalene

Concen: 4.073 ug/l

RT: 13.76 min Scan# 3941

Delta R.T. 0.04 min

Lab File: VU034361.D

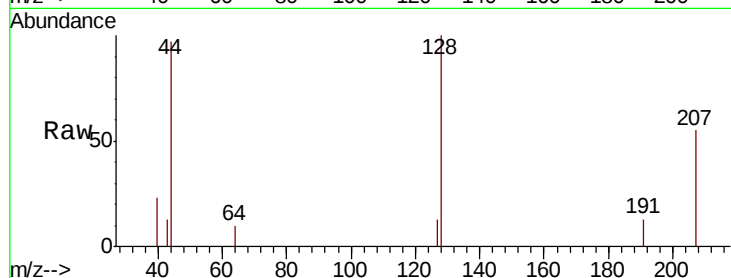
Acq: 07 Sep 2019 03:46

Instrument :

MSVOA_U

ClientSampleId :

S13-0270



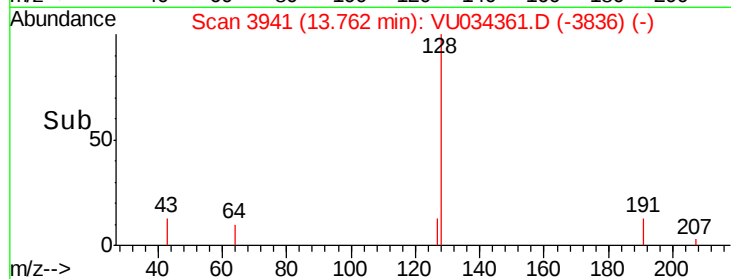
Tgt Ion:128 Resp: 2044

Ion Ratio Lower Upper

128 100

127 10.6 10.6 15.8

129 1.0 8.4 12.6



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

