

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
 Data File : VU034009.D
 Acq On : 28 Aug 2019 07:02
 Operator : JC/SP
 Sample : K4088-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CL-02-082619

Quant Time: Aug 28 09:05:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 28 02:42:03 2019
 Response via : Initial Calibration

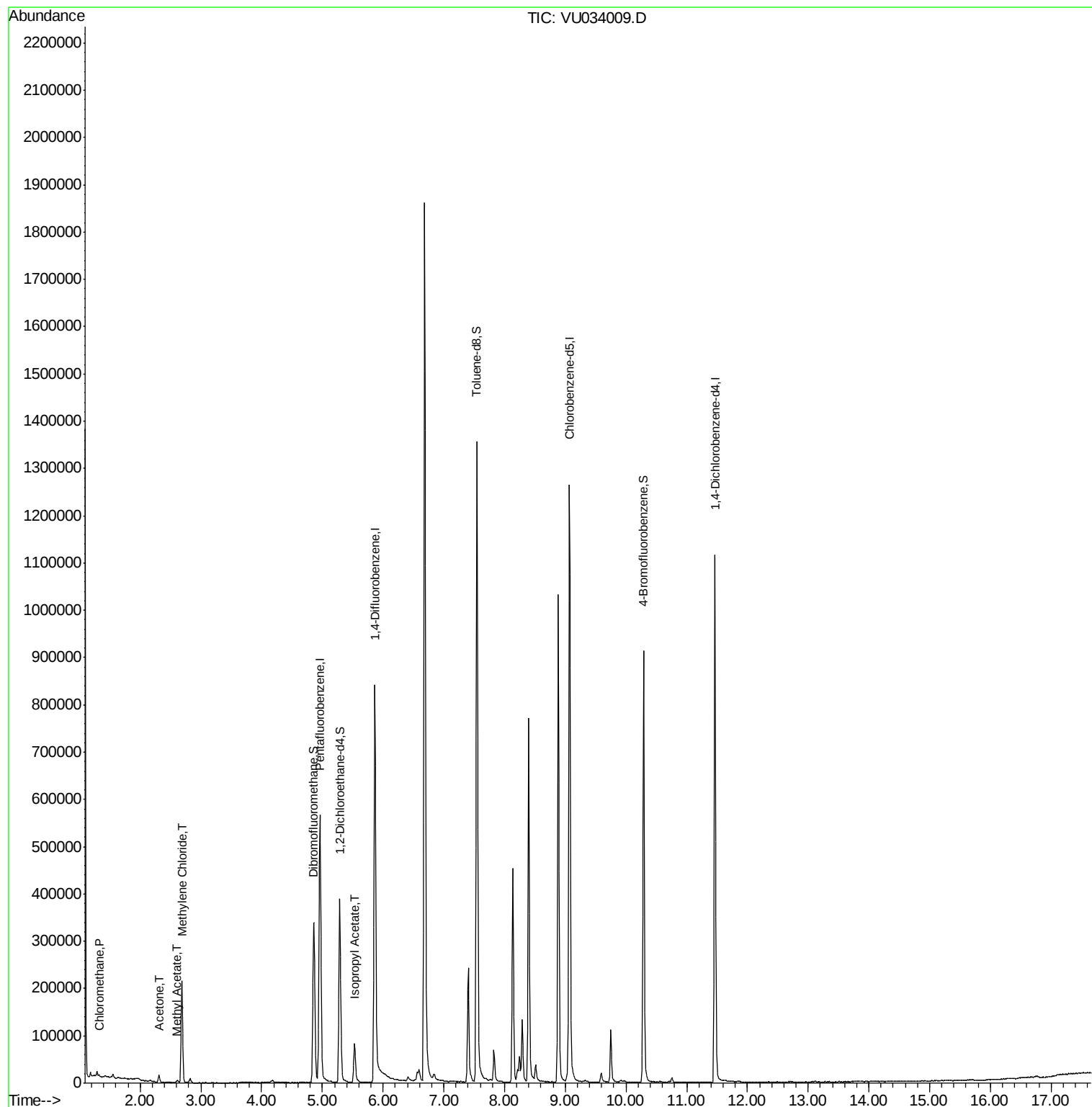
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	437163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	720508	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	698997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	300069	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	304818	62.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.52%	
35) Dibromofluoromethane	4.86	113	241258	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
50) Toluene-d8	7.55	98	939002	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	10.29	95	307701	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.32	50	2760	1.481	ug/l	95
16) Acetone	2.31	43	16653	7.163	ug/l	99
18) Methyl Acetate	2.61	43	6533	1.141	ug/l	98
20) Methylene Chloride	2.69	84	96647	19.595	ug/l	98
43) Isopropyl Acetate	5.53	43	95940	9.453	ug/l	95

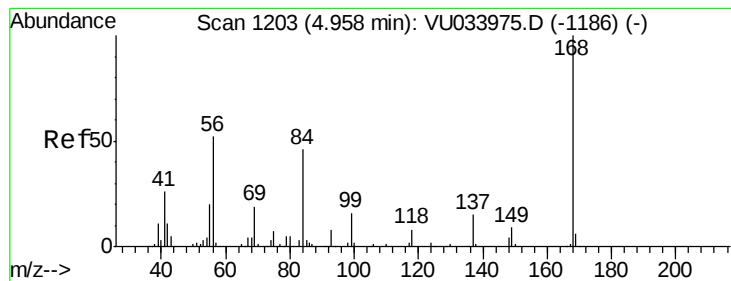
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 28 02:42:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VU034009.D

Acq: 28 Aug 2019 07:02

Instrument :

MSVOA_U

ClientSampleId :

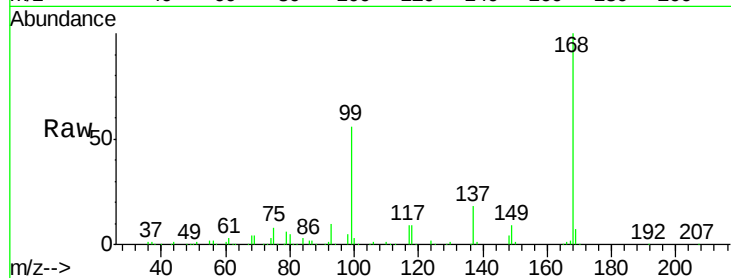
CL-02-082619

Tot Ion:168 Resp: 437163

Ion Ratio Lower Upper

168 100

99 55.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VU033975.D (-1186) (-)

Ion 98.90 (98.60 to 99.60): VU033975.D (-1186) (-)

4.96

200000

150000

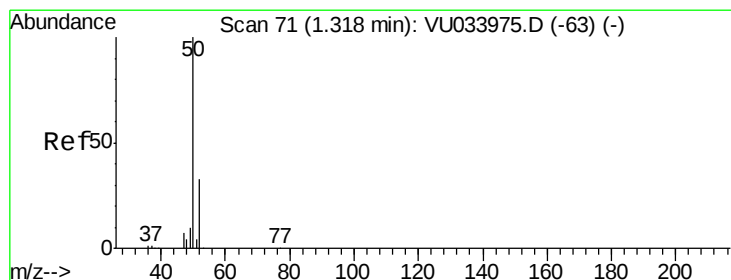
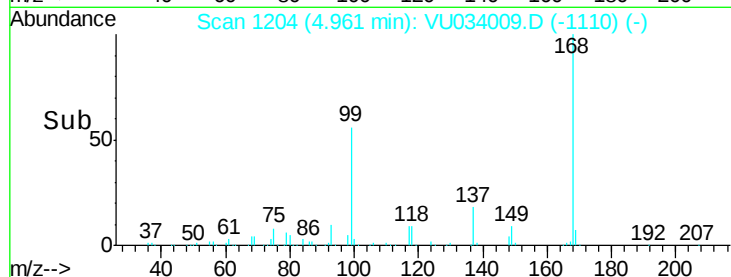
100000

50000

0

4.90 4.95 5.00 5.05

Time-->



#3

Chloromethane

Concen: 1.481 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.01 min

Lab File: VU034009.D

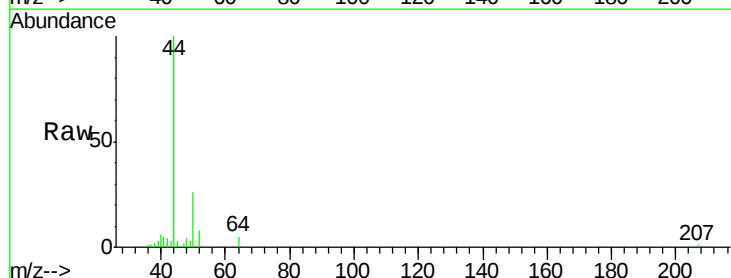
Acq: 28 Aug 2019 07:02

Tgt Ion: 50 Resp: 2760

Ion Ratio Lower Upper

50 100

52 29.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VU033975.D (-63) (-)

Ion 51.90 (51.60 to 52.60): VU033975.D (-63) (-)

1.32

3000

2500

2000

1500

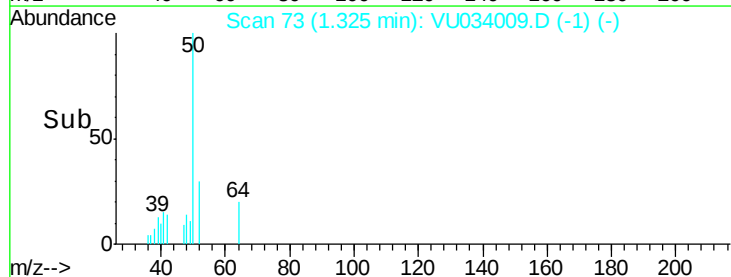
1000

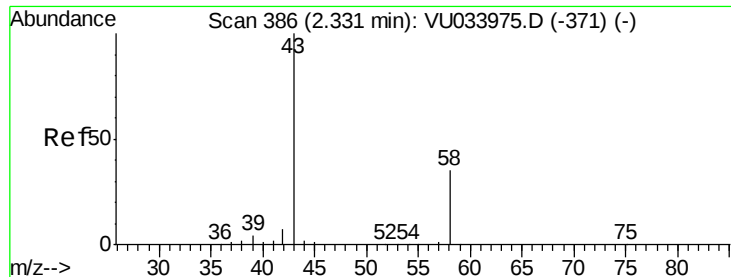
500

0

1.30 1.32 1.34

Time-->





#16

Acetone

Concen: 7.163 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU034009.D

Acq: 28 Aug 2019 07:02

Instrument :

MSVOA_U

ClientSampleId :

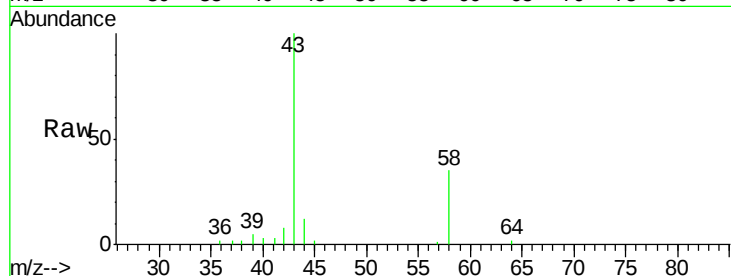
CL-02-082619

Tot Ion: 43 Resp: 16653

Ion Ratio Lower Upper

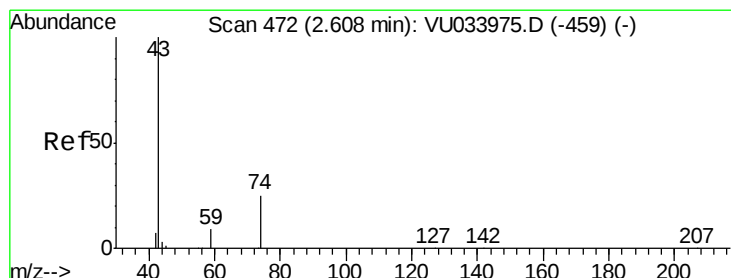
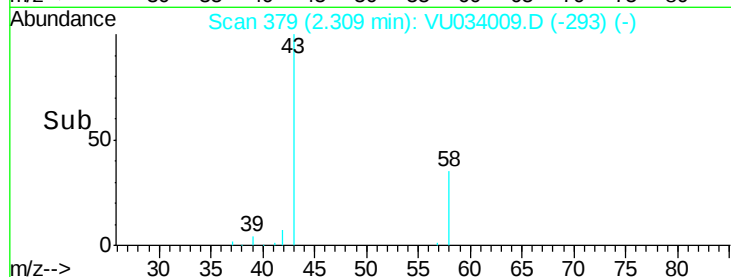
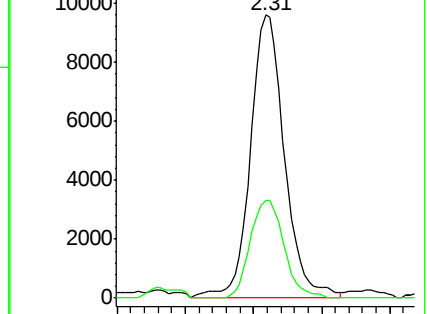
43 100

58 34.7 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-371) (-)

Ion 58.00 (57.70 to 58.70): VU033975.D (-371) (-)



#18

Methyl Acetate

Concen: 1.141 ug/l

RT: 2.61 min Scan# 472

Delta R.T. 0.00 min

Lab File: VU034009.D

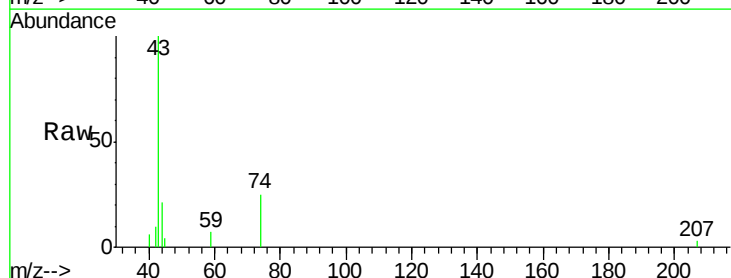
Acq: 28 Aug 2019 07:02

Tgt Ion: 43 Resp: 6533

Ion Ratio Lower Upper

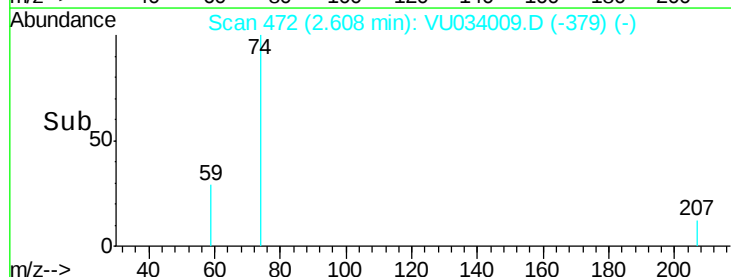
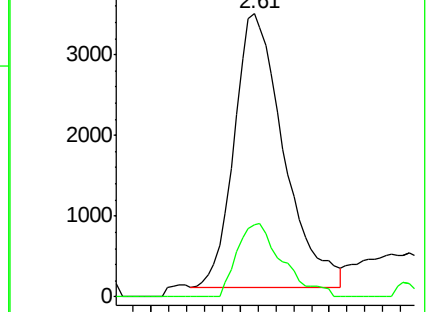
43 100

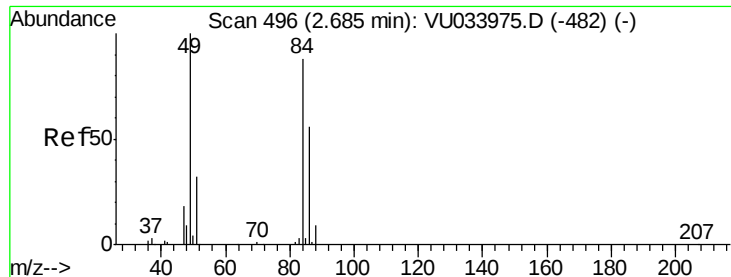
74 24.6 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-459) (-)

Ion 74.00 (73.70 to 74.70): VU033975.D (-459) (-)





#20

Methvlene Chloride

Concen: 19.595 ug/l

RT: 2.69 min Scan# 497

Delta R.T. 0.00 min

Lab File: VU034009.D

Acq: 28 Aug 2019 07:02

Instrument :

MSVOA_U

ClientSampleId :

CL-02-082619

Tot Ion: 84 Resp: 96647

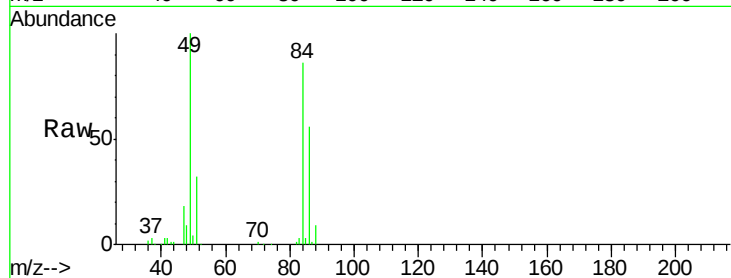
Ion	Ratio	Lower	Upper
84	100		
49	115.6	91.3	136.9
51	37.0	28.9	43.3
86	65.0	50.9	76.3

84 100

49 115.6 91.3 136.9

51 37.0 28.9 43.3

86 65.0 50.9 76.3



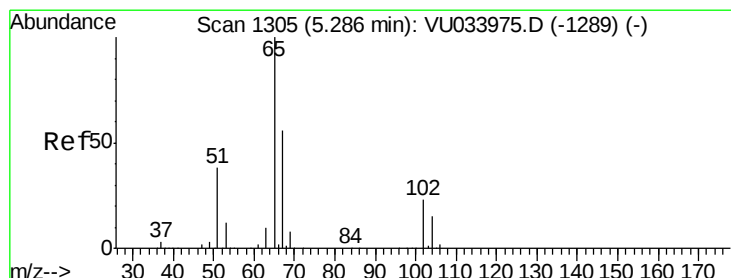
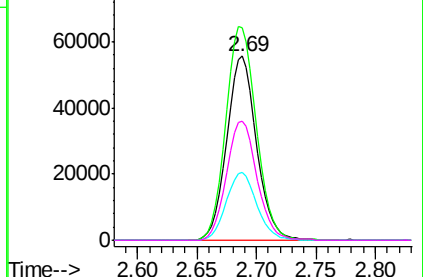
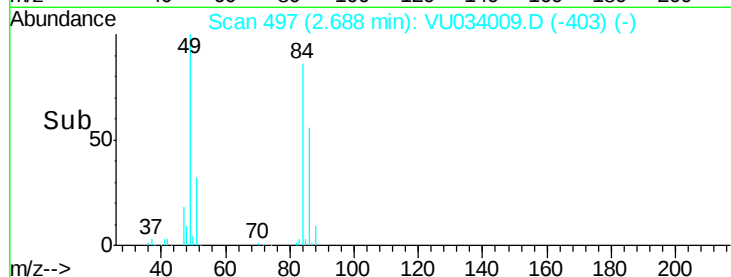
Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 62.763 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034009.D

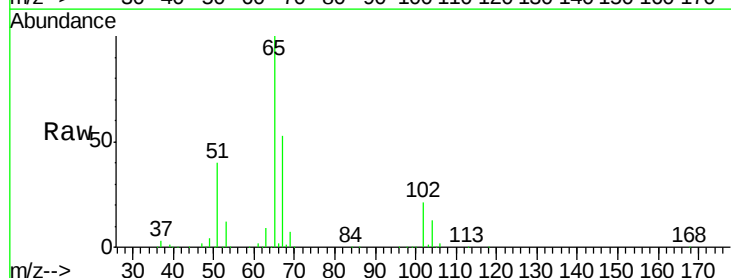
Acq: 28 Aug 2019 07:02

Tgt Ion: 65 Resp: 304818

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	111.0

65 100

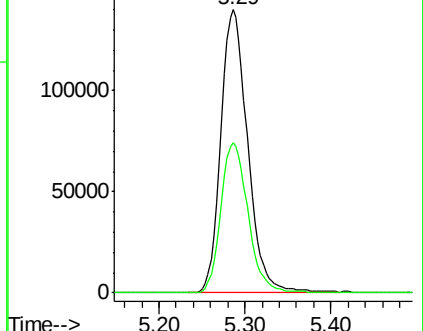
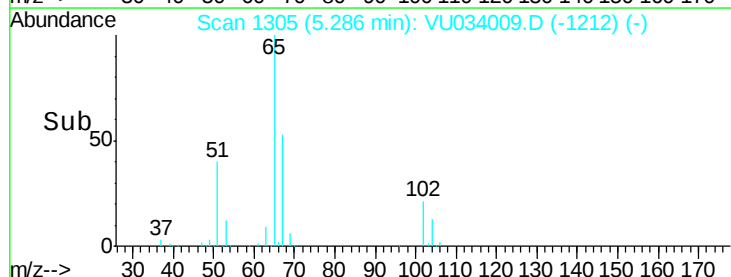
67 53.1 0.0 111.0

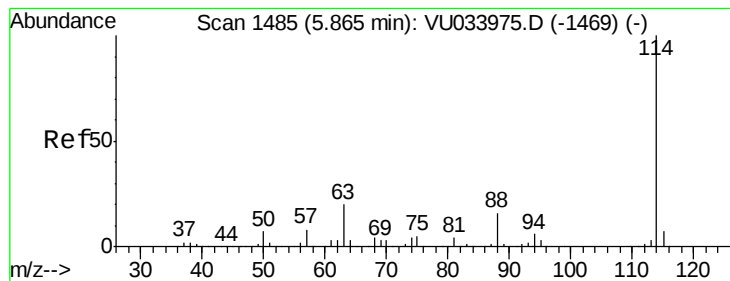


Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034009.D

Acq: 28 Aug 2019 07:02

Instrument :

MSVOA_U

ClientSampleId :

CL-02-082619

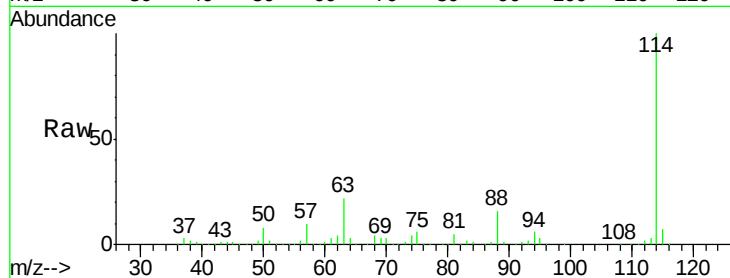
Tot Ion:114 Resp: 720508

Ion Ratio Lower Upper

114 100

63 22.0 0.0 39.0

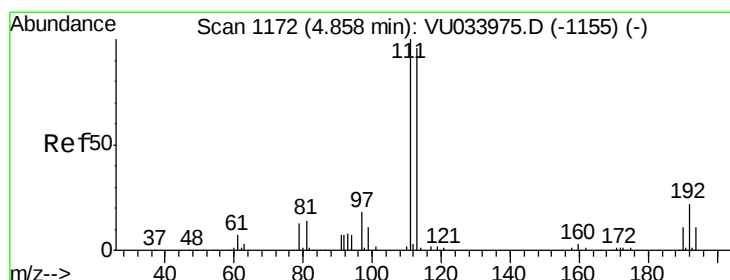
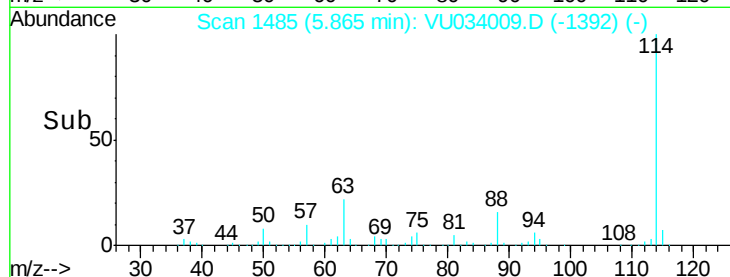
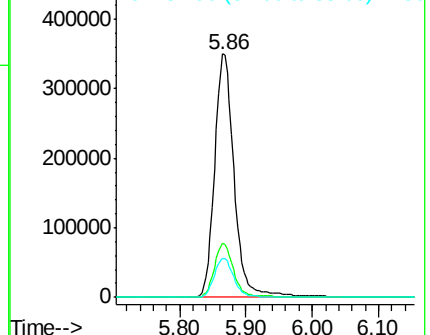
88 16.1 0.0 31.2



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: 49.814 ug/l

RT: 4.86 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VU034009.D

Acq: 28 Aug 2019 07:02

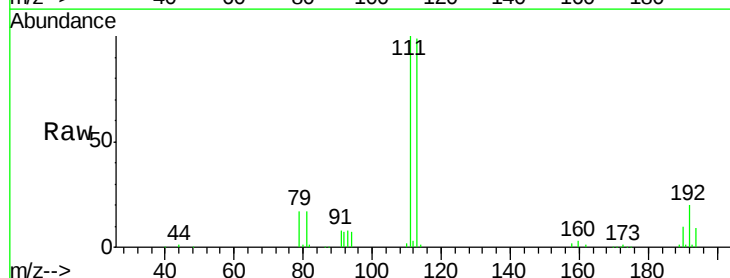
Tgt Ion:113 Resp: 241258

Ion Ratio Lower Upper

113 100

111 101.5 81.7 122.5

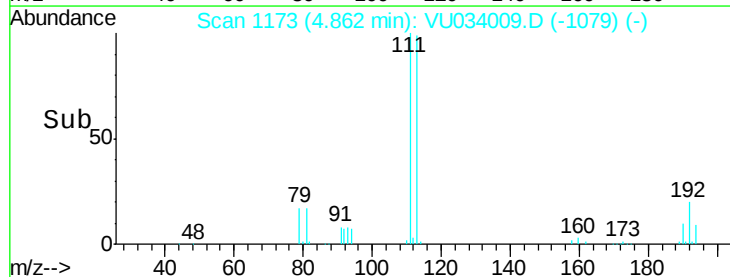
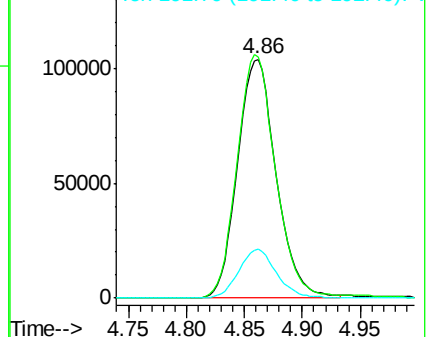
192 20.1 18.6 27.8

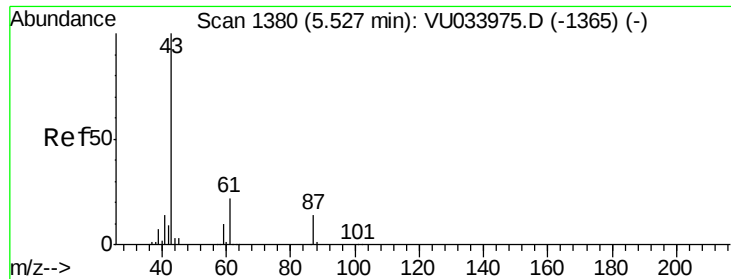


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

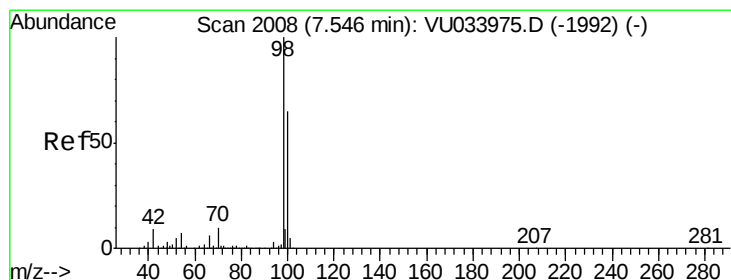
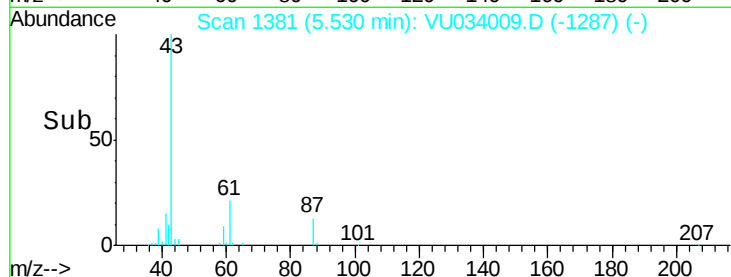
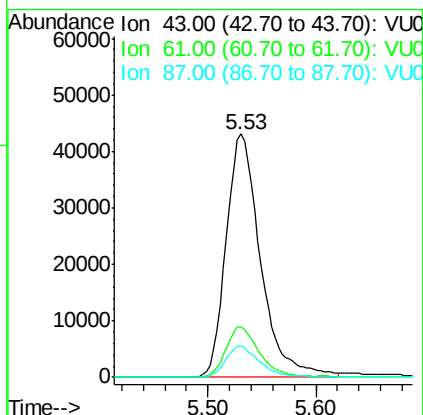
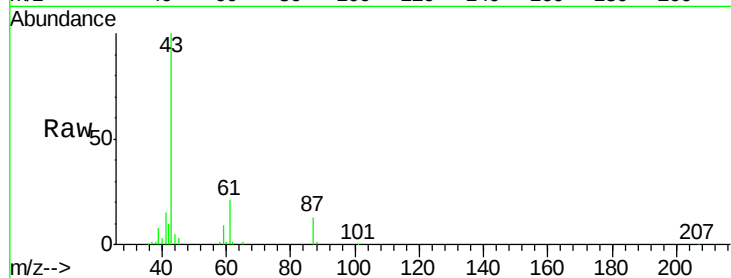




#43
Isopropyl Acetate
Concen: 9.453 ug/l
RT: 5.53 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VU034009.D
Acq: 28 Aug 2019 07:02

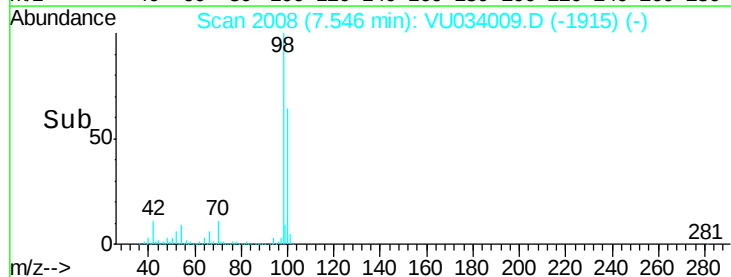
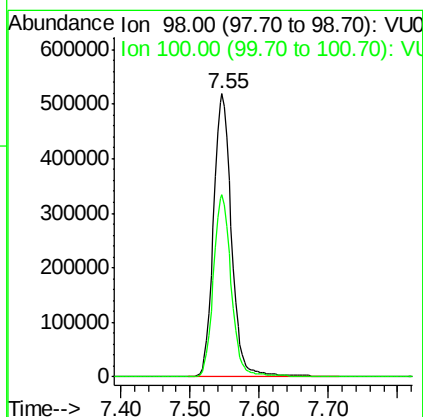
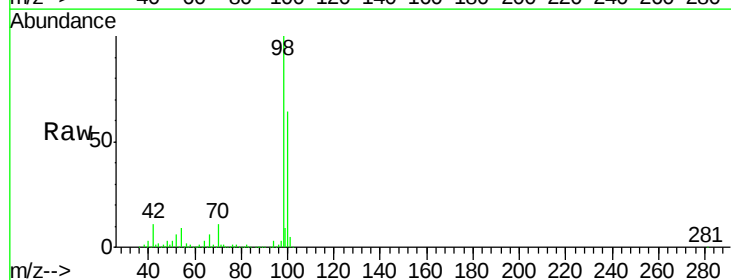
Instrument :
MSVOA_U
ClientSampleId :
CL-02-082619

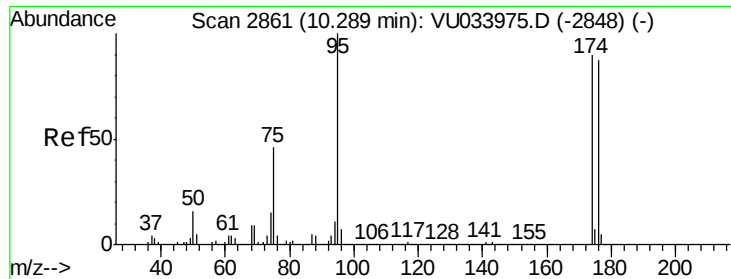
Tot Ion	43	Resp	95940
Ion Ratio	Lower	Upper	
43	100		
61	20.2	17.8	26.8
87	12.3	11.9	17.9



#50
Toluene-d8
Concen: 52.564 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034009.D
Acq: 28 Aug 2019 07:02

Tgt Ion	98	Resp	939002
Ion Ratio	Lower	Upper	
98	100		
100	63.3	51.5	77.3





#62

4-Bromofluorobenzene

Concen: 44.903 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VU034009.D

Acq: 28 Aug 2019 07:02

Instrument :

MSVOA_U

ClientSampleId :

CL-02-082619

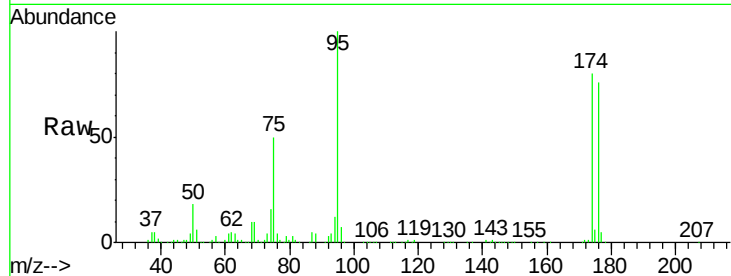
Tot Ion: 95 Resp: 307701

Ion Ratio Lower Upper

95 100

174 82.4 0.0 183.8

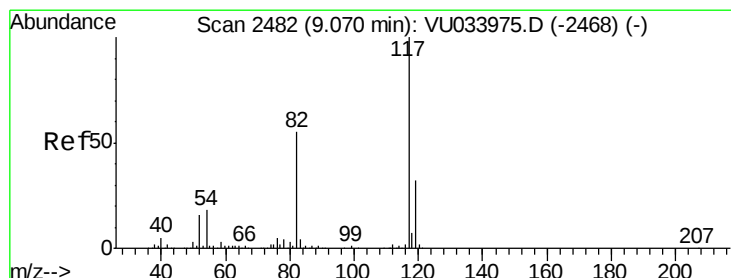
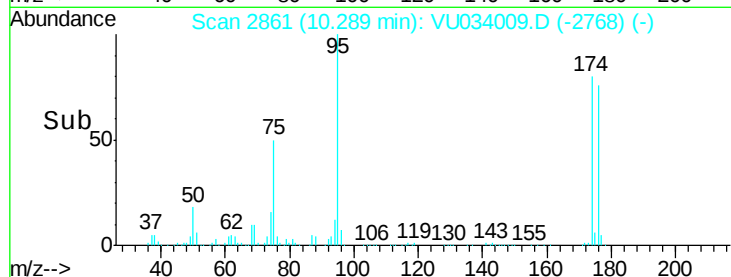
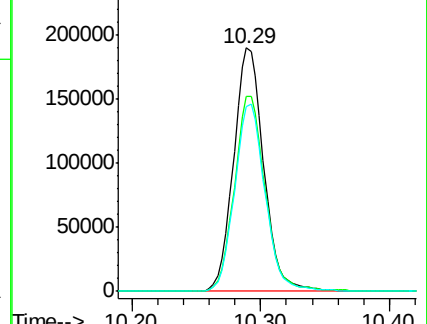
176 78.4 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VU033975.D (-2848) (-)

Ion 173.80 (173.50 to 174.50): VU033975.D (-2848) (-)

Ion 175.80 (175.50 to 176.50): VU033975.D (-2848) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.07 min Scan# 2482

Delta R.T. 0.00 min

Lab File: VU034009.D

Acq: 28 Aug 2019 07:02

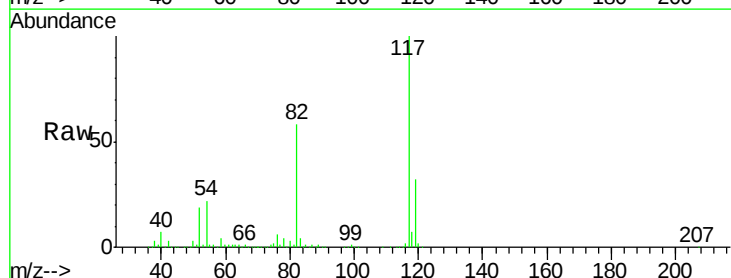
Tgt Ion: 117 Resp: 698997

Ion Ratio Lower Upper

117 100

82 58.0 43.8 65.8

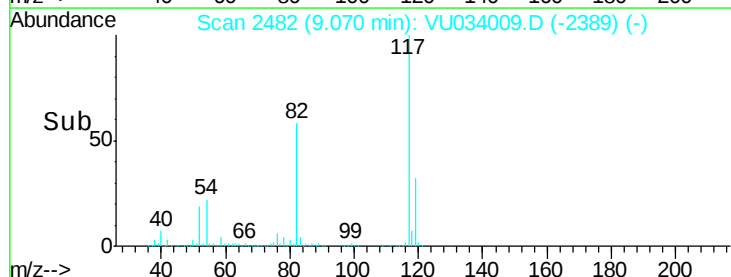
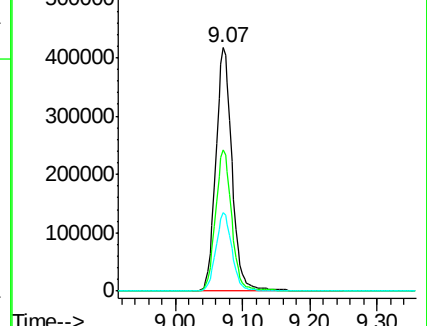
119 32.2 25.7 38.5

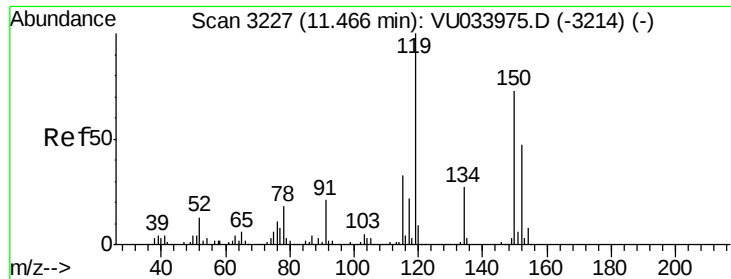


Abundance Ion 116.90 (116.60 to 117.60): VU033975.D (-2468) (-)

Ion 82.00 (81.70 to 82.70): VU033975.D (-2468) (-)

Ion 118.90 (118.60 to 119.60): VU033975.D (-2468) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034009.D

Acq: 28 Aug 2019 07:02

Instrument :

MSVOA_U

ClientSampleId :

CL-02-082619

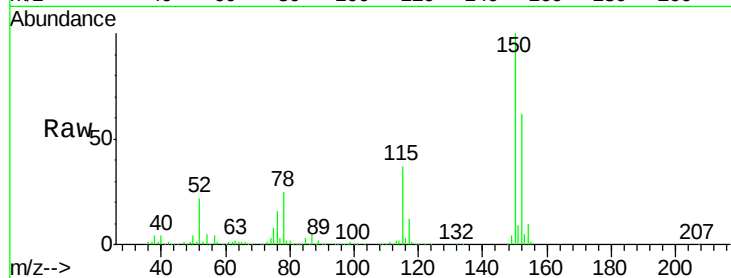
Tot Ion:152 Resp: 300069

Ion Ratio Lower Upper

152 100

115 58.1 38.6 115.7

150 158.2 0.0 343.8



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

