

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082819\
 Data File : VU034008.D
 Acq On : 28 Aug 2019 06:38
 Operator : JC/SP
 Sample : K4086-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 NB-07-082619

Quant Time: Aug 28 08:46:00 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	416215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	644800	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	625491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	302547	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	250402	54.15	ug/l	0.00
Spiked Amount			Recovery	=	108.30%	
35) Dibromofluoromethane	4.86	113	211325	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	7.55	98	834410	52.19	ug/l	0.00
Spiked Amount			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	10.29	95	279765	45.62	ug/l	0.00
Spiked Amount			Recovery	=	91.24%	

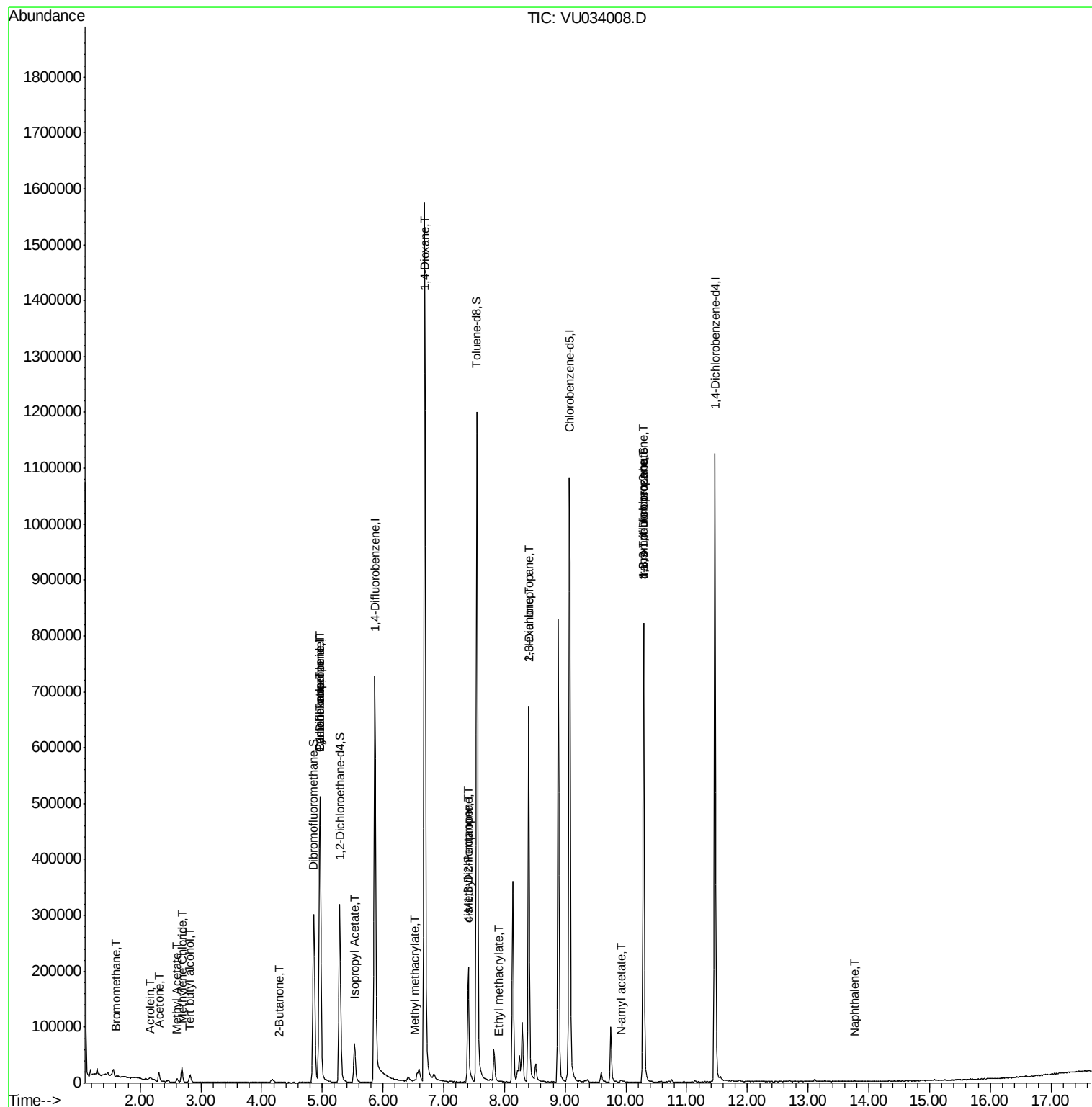
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.61	94	832	0.328	ug/l #	62
11) Tert butyl alcohol	2.83	59	7939	6.629	ug/l #	85
13) Acrolein	2.18	56	135	0.355	ug/l #	49
16) Acetone	2.31	43	18504	8.360	ug/l	95
18) Methyl Acetate	2.61	43	8488	1.557	ug/l #	88
20) Methylene Chloride	2.69	84	11740	2.500	ug/l	96
25) 2-Butanone	4.28	43	1319	0.416	ug/l #	84
31) Cyclohexane	4.96	56	6810	0.999	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	29705	5.030	ug/l #	48
38) Carbon Tetrachloride	4.96	117	39700	6.596	ug/l #	16
43) Isopropyl Acetate	5.53	43	80772	8.893	ug/l	96
48) Methyl methacrylate	6.52	41	5561	1.288	ug/l #	11
49) 1,4-Dioxane	6.68	88	91	0.768	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	70377	11.238	ug/l #	45
54) cis-1,3-Dichloropropene	7.40	75	37267	5.123	ug/l #	65
56) Ethyl methacrylate	7.91	69	91	2.526	ug/l #	29
57) 1,3-Dichloropropane	8.40	76	6739	0.884	ug/l #	43
59) 2-Hexanone	8.40	43	87774	18.236	ug/l #	51
74) N-amyl acetate	9.92	43	2833	0.388	ug/l #	43
76) 1,2,3-Trichloropropane	10.29	75	131888	21.878	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.29	75	131888	62.665	ug/l #	100
95) Naphthalene	13.77	128	1426	2.156	ug/l #	70

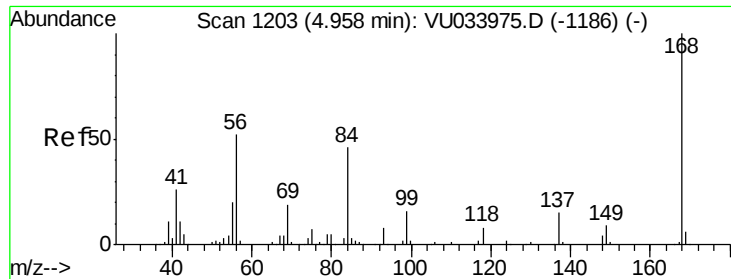
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082819\
Data File : VU034008.D
Acq On : 28 Aug 2019 06:38
Operator : JC/SP
Sample : K4086-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
NB-07-082619

Quant Time: Aug 28 08:46:00 2019
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: VU034008.D

Acq: 28 Aug 2019 06:38

Instrument :

MSVOA_U

ClientSampleId :

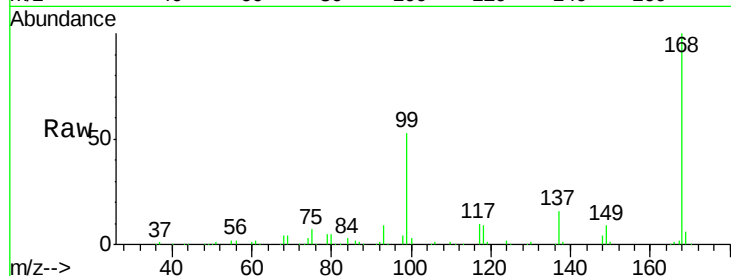
NB-07-082619

Tot Ion:168 Resp: 416215

Ion Ratio Lower Upper

168 100

99 53.2 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

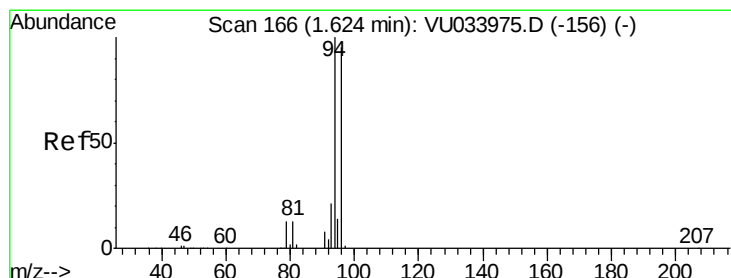
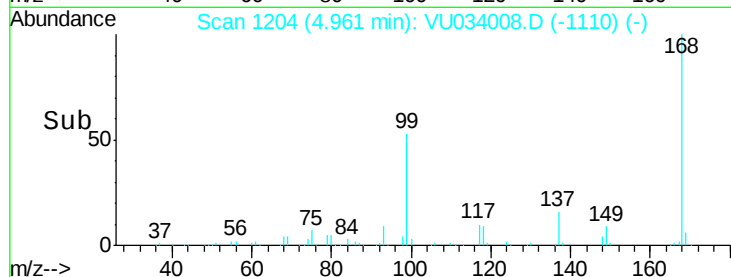
100000

50000

0

4.90 5.00 5.10

Time-->



#5

Bromomethane

Concen: 0.328 ug/l

RT: 1.61 min Scan# 163

Delta R.T. -0.01 min

Lab File: VU034008.D

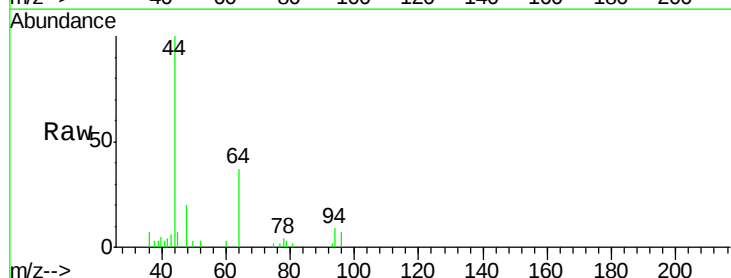
Acq: 28 Aug 2019 06:38

Tgt Ion: 94 Resp: 832

Ion Ratio Lower Upper

94 100

96 57.9 76.3 114.5#



Abundance Ion 93.90 (93.60 to 94.60): VU033975.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VU033975.D (-156) (-)

1.61

600

500

400

300

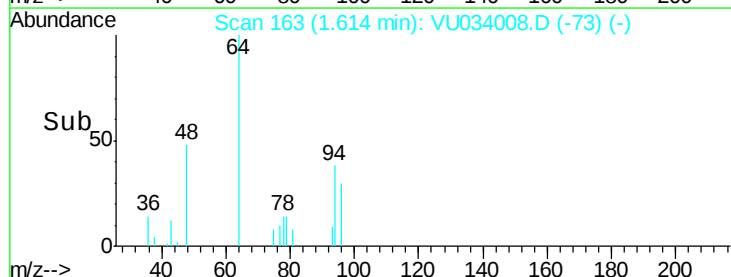
200

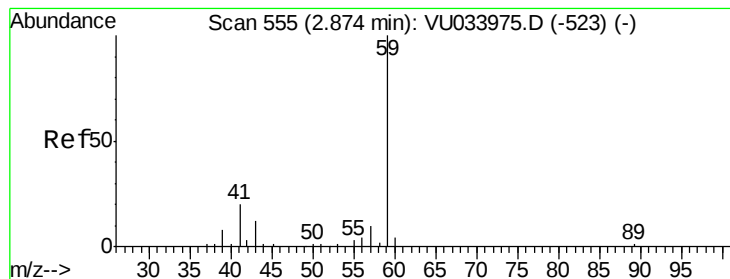
100

0

1.58 1.60 1.62 1.64

Time-->





#11

Tert butyl alcohol

Concen: 6.629 ug/l

RT: 2.83 min Scan# 540

Delta R.T. -0.05 min

Lab File: VU034008.D

Acq: 28 Aug 2019 06:38

Instrument :

MSVOA_U

ClientSampleId :

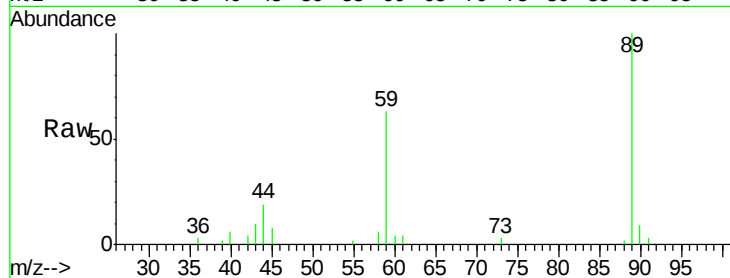
NB-07-082619

Tot Ion: 59 Resp: 7939

Ion Ratio Lower Upper

59 100

57 0.0 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

2.83

4000

3000

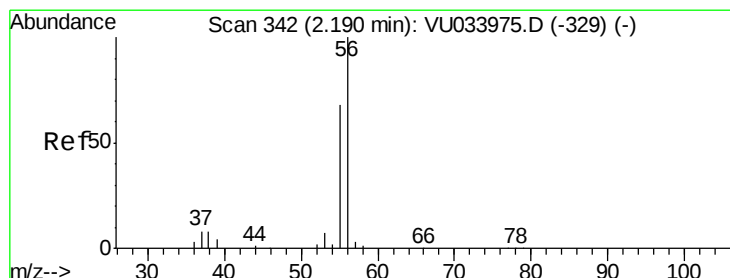
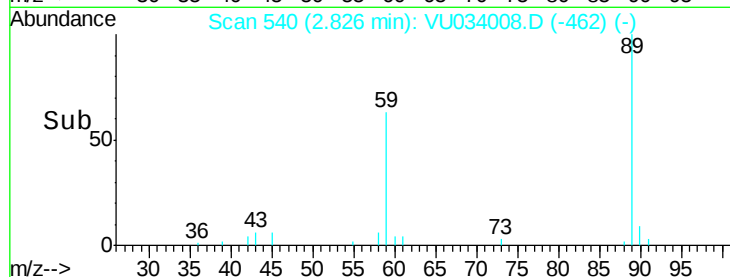
2000

1000

0

Time-->

2.75 2.80 2.85 2.90



#13

Acrolein

Concen: 0.355 ug/l

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VU034008.D

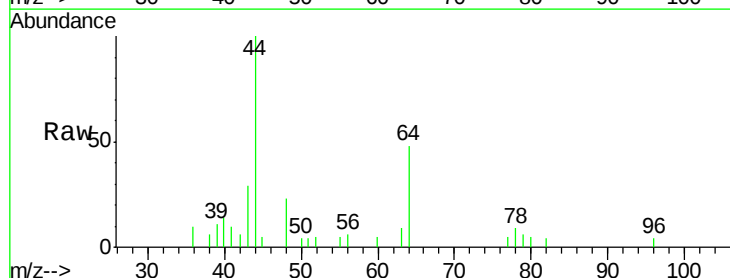
Acq: 28 Aug 2019 06:38

Tgt Ion: 56 Resp: 135

Ion Ratio Lower Upper

56 100

55 115.6 58.0 87.0#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

2.18

250

200

150

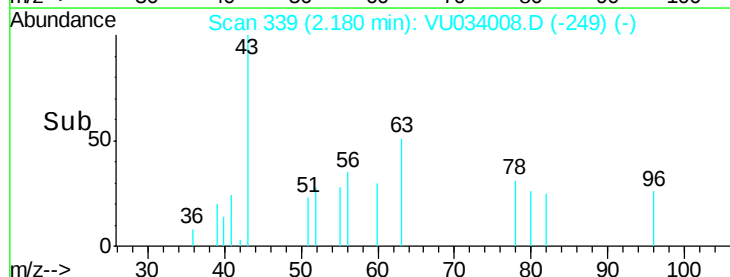
100

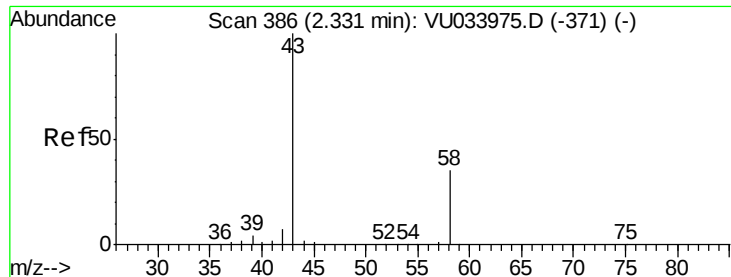
50

0

Time-->

2.16 2.17 2.18 2.19 2.20





#16

Acetone

Concen: 8.360 ug/l

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU034008.D

Acq: 28 Aug 2019 06:38

Instrument :

MSVOA_U

ClientSampleId :

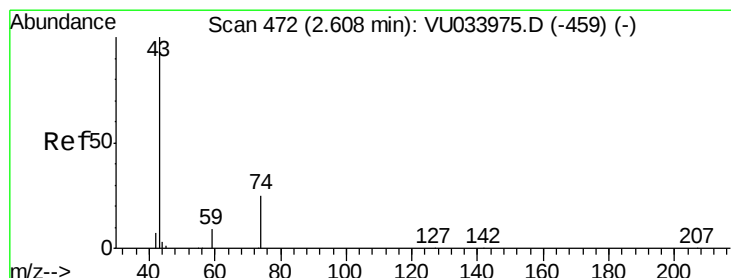
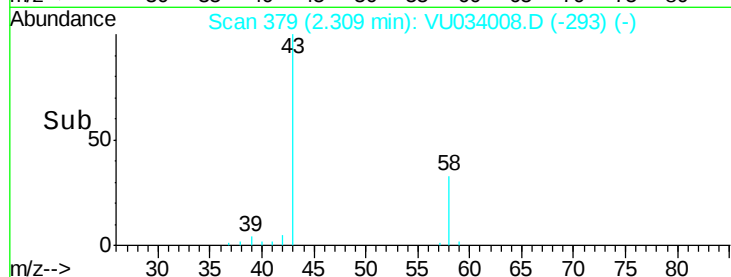
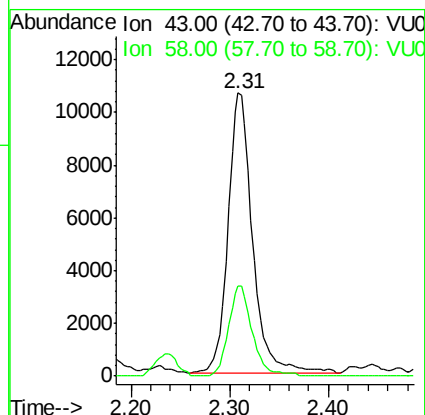
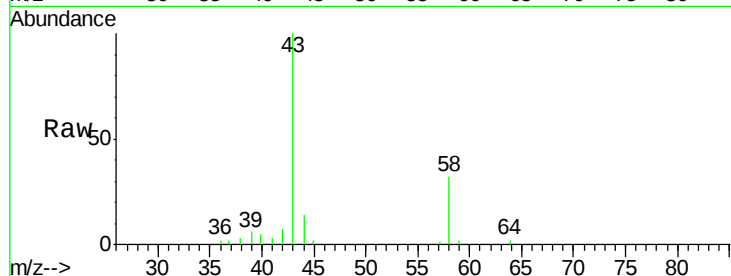
NB-07-082619

Tot Ion: 43 Resp: 18504

Ion Ratio Lower Upper

43 100

58 32.3 28.0 42.0



#18

Methyl Acetate

Concen: 1.557 ug/l

RT: 2.61 min Scan# 472

Delta R.T. 0.00 min

Lab File: VU034008.D

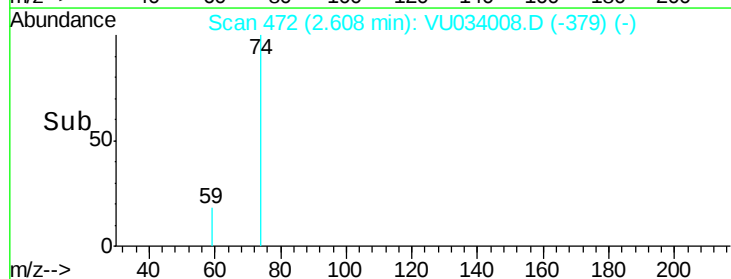
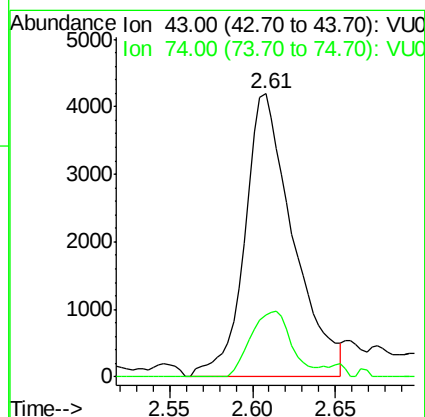
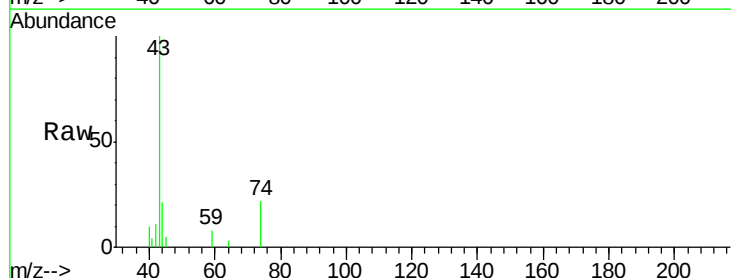
Acq: 28 Aug 2019 06:38

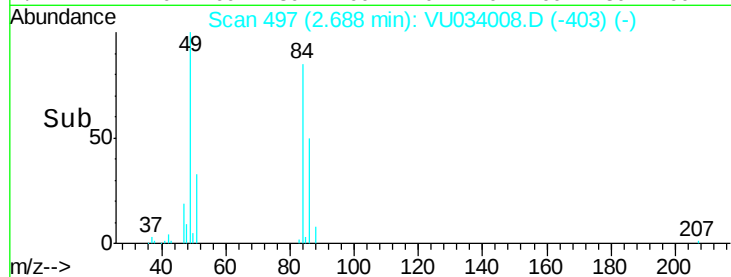
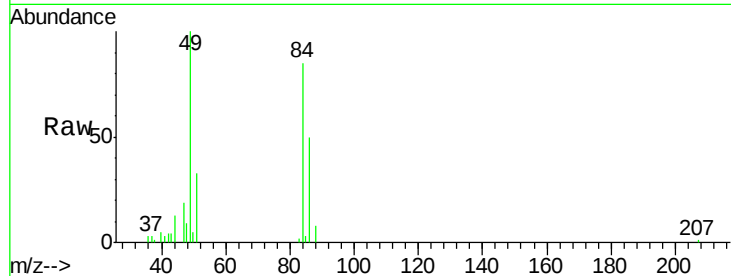
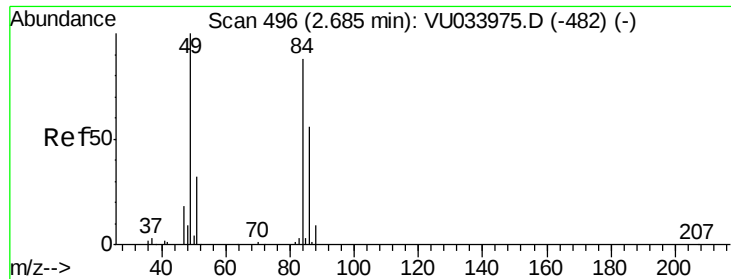
Tgt Ion: 43 Resp: 8488

Ion Ratio Lower Upper

43 100

74 19.4 20.5 30.7#

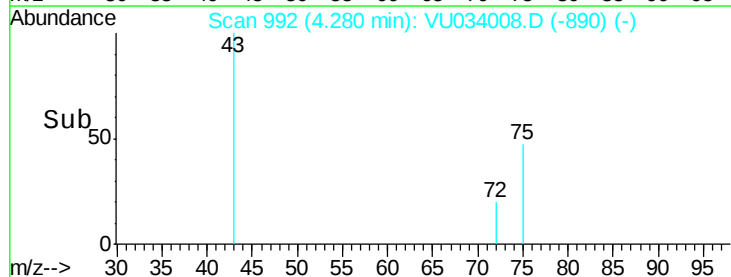
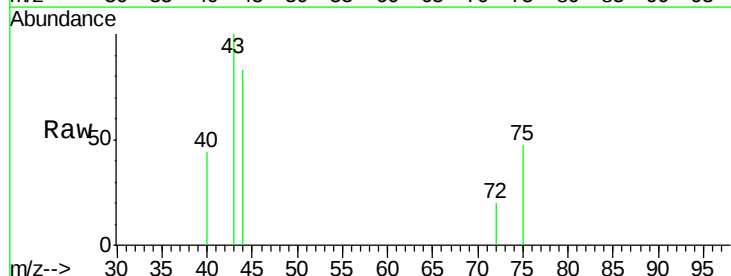
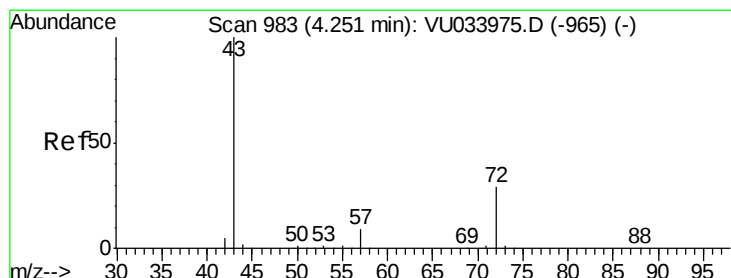
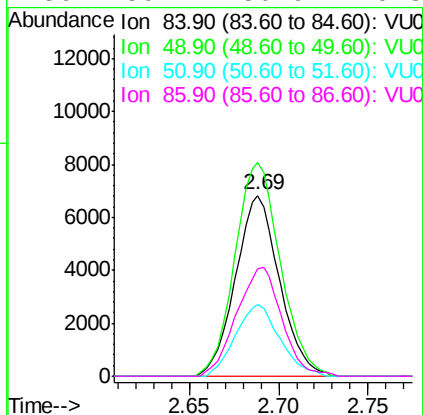




#20
Methylene Chloride
Concen: 2.500 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034008.D
Acq: 28 Aug 2019 06:38

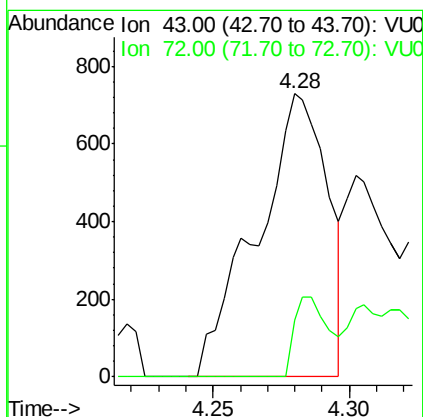
Instrument :
MSVOA_U
ClientSampleId :
NB-07-082619

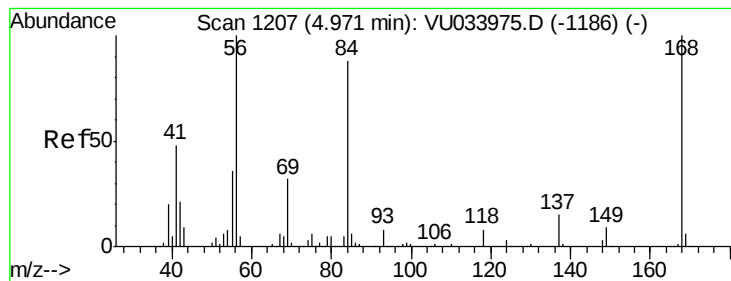
Tot Ion: 84	Resp: 11740
Ion Ratio	Lower Upper
84 100	
49 118.2	91.3 136.9
51 39.4	28.9 43.3
86 59.7	50.9 76.3



#25
2-Butanone
Concen: 0.416 ug/l
RT: 4.28 min Scan# 992
Delta R.T. 0.03 min
Lab File: VU034008.D
Acq: 28 Aug 2019 06:38

Tgt Ion: 43	Resp: 1319
Ion Ratio	Lower Upper
43 100	
72 20.0	22.9 34.3#





#31

Cyclohexane

Concen: 0.999 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VU034008.D

Acq: 28 Aug 2019 06:38

Instrument :

MSVOA_U

ClientSampleId :

NB-07-082619

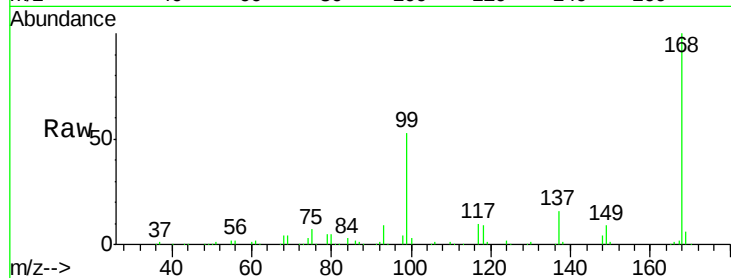
Tot Ion: 56 Resp: 6810

Ion Ratio Lower Upper

56 100

69 209.8 25.9 38.9#

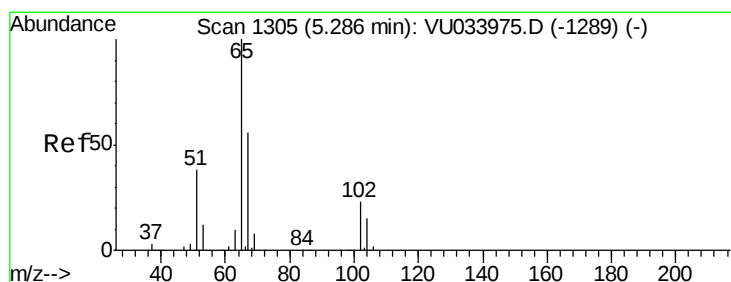
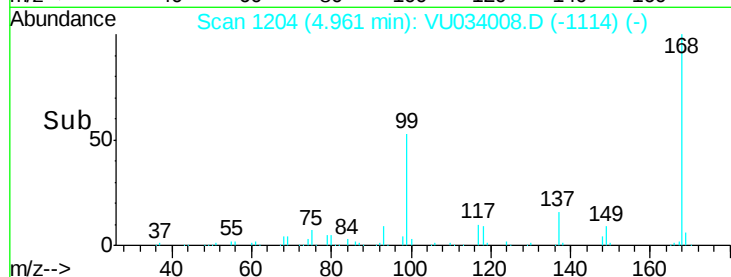
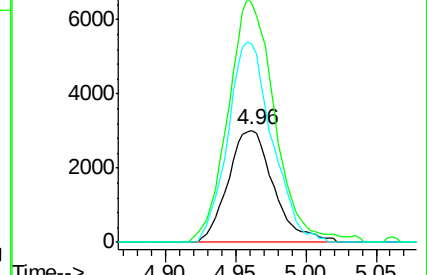
84 177.3 70.4 105.6#



Abundance Ion 56.00 (55.70 to 56.70): VU033975.D (-1186) (-)

Ion 69.00 (68.70 to 69.70): VU033975.D (-1186) (-)

Ion 84.00 (83.70 to 84.70): VU033975.D (-1186) (-)



#33

1,2-Dichloroethane-d4

Concen: 54.153 ug/l

RT: 5.29 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU034008.D

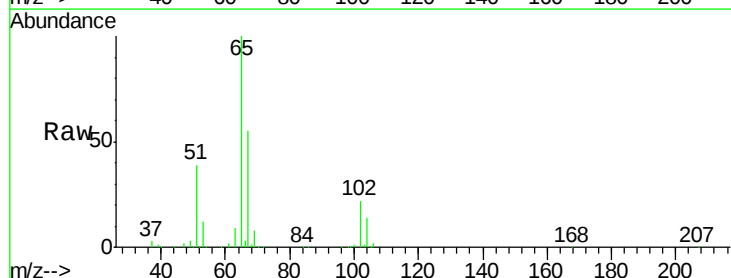
Acq: 28 Aug 2019 06:38

Tgt Ion: 65 Resp: 250402

Ion Ratio Lower Upper

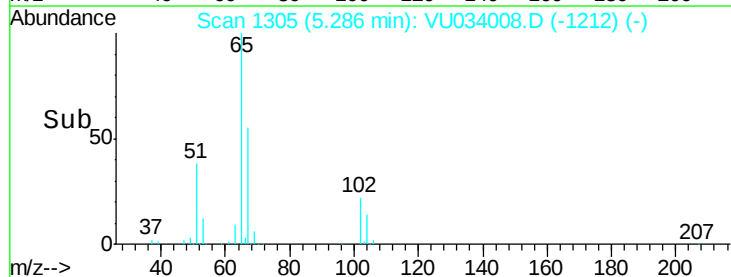
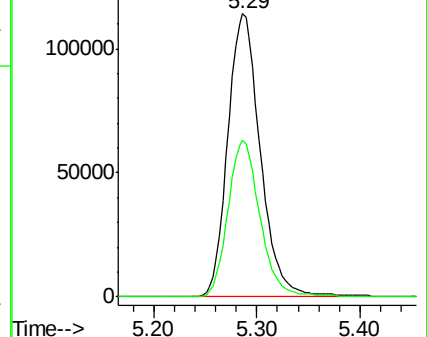
65 100

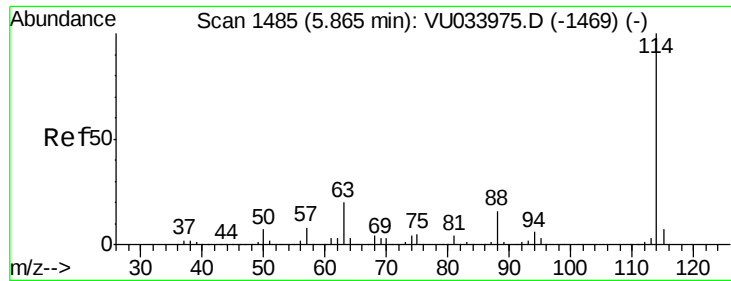
67 54.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VU033975.D (-1289) (-)

Ion 66.90 (66.60 to 67.60): VU033975.D (-1289) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VU034008.D

Acq: 28 Aug 2019 06:38

Instrument :

MSVOA_U

ClientSampleId :

NB-07-082619

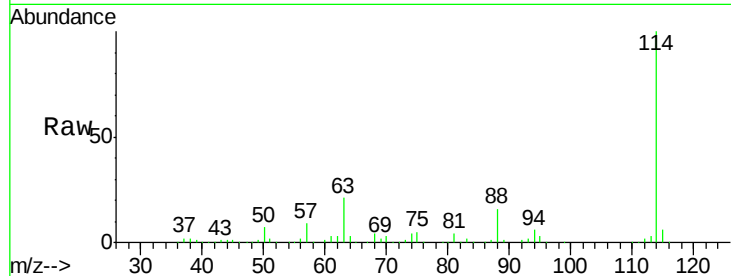
Tot Ion:114 Resp: 644800

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

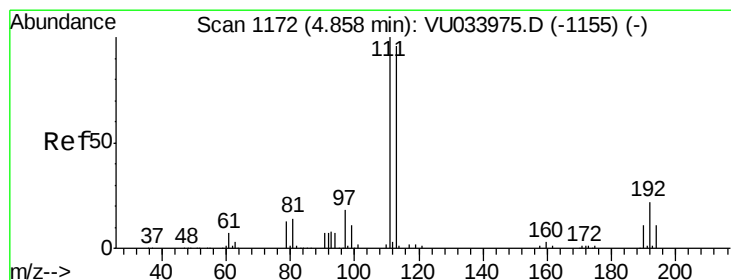
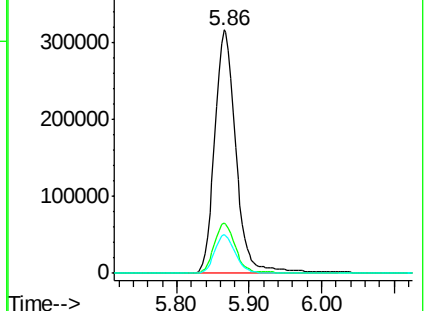
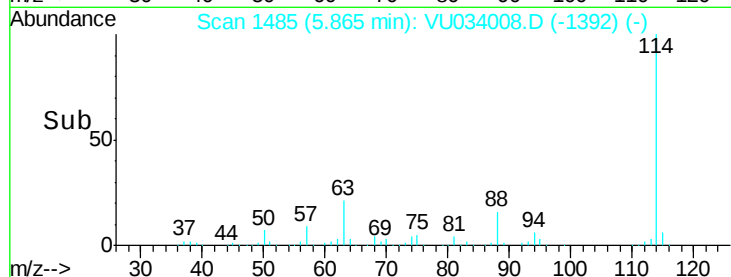
88 16.0 0.0 31.2



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: 48.756 ug/l

RT: 4.86 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU034008.D

Acq: 28 Aug 2019 06:38

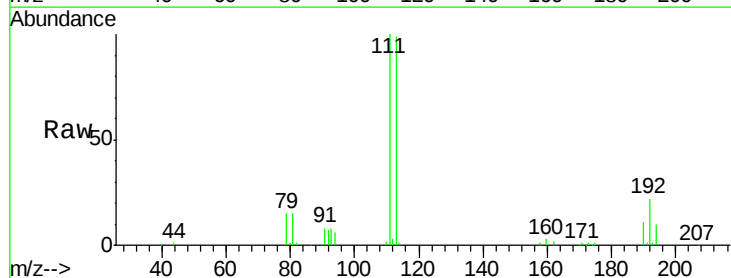
Tgt Ion:113 Resp: 211325

Ion Ratio Lower Upper

113 100

111 103.0 81.7 122.5

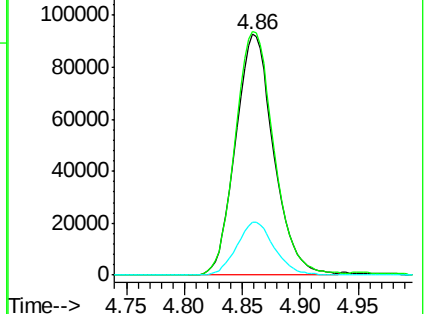
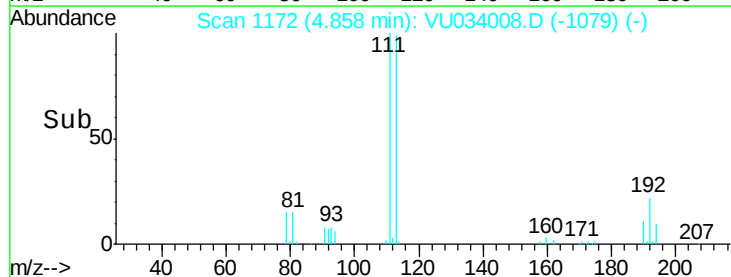
192 21.9 18.6 27.8

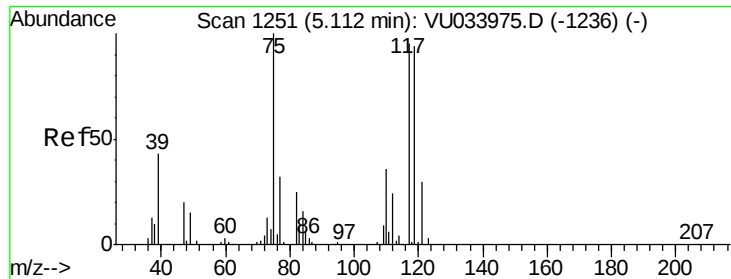


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

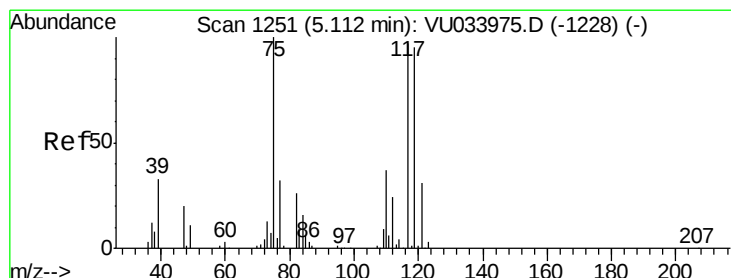
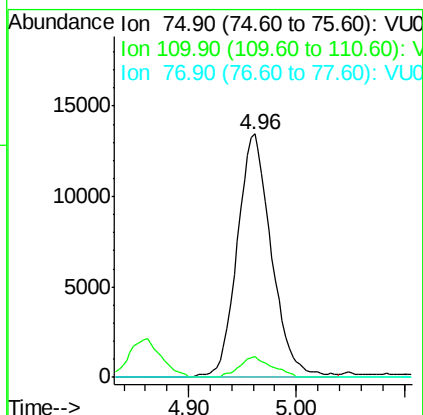
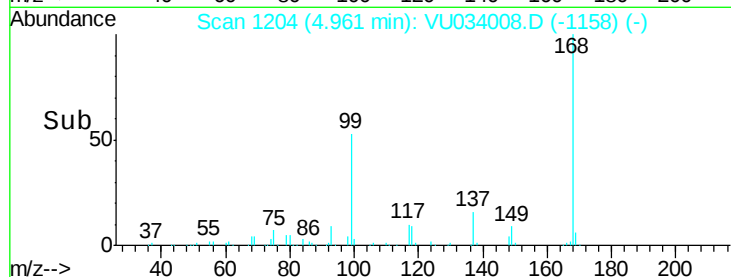
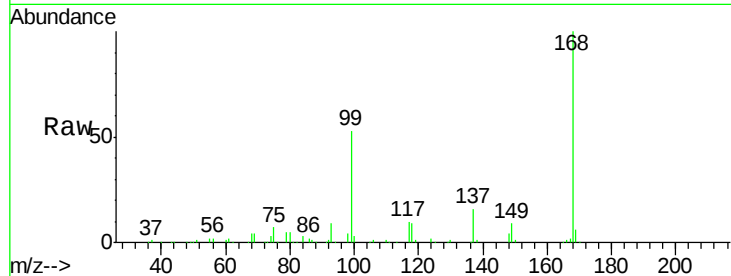




#36
 1,1-Dichloropropene
 Concen: 5.030 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034008.D
 Acq: 28 Aug 2019 06:38

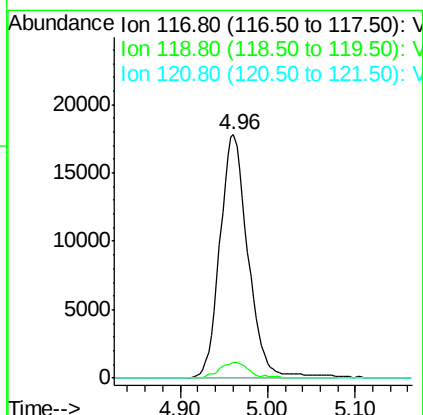
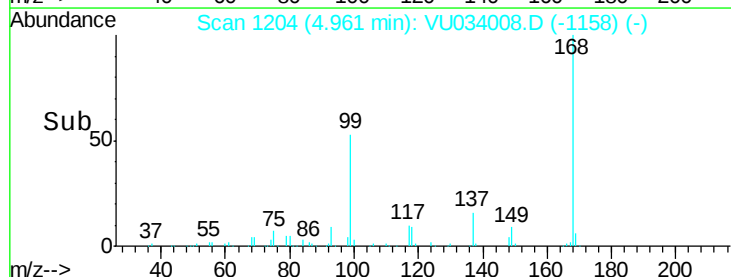
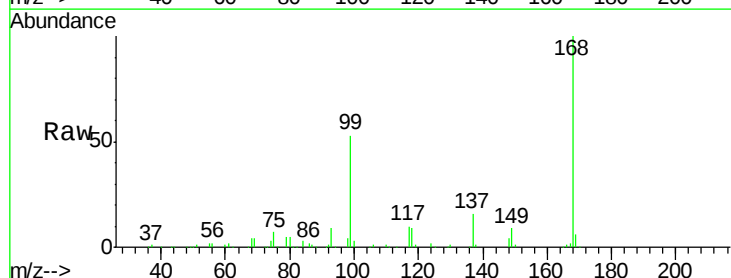
Instrument :
 MSVOA_U
 ClientSampleId :
 NB-07-082619

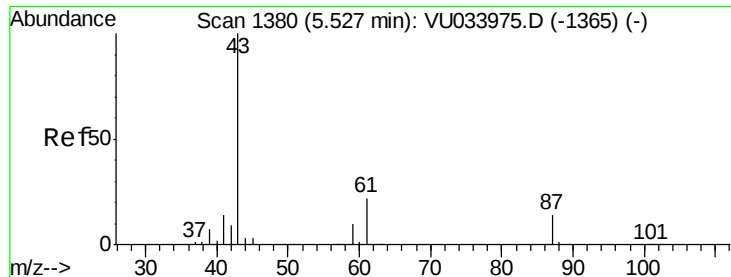
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.2	54.6#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 6.596 ug/l
 RT: 4.96 min Scan# 1204
 Delta R.T. -0.15 min
 Lab File: VU034008.D
 Acq: 28 Aug 2019 06:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.3	78.4	117.6#
121	0.0	25.4	38.2#





#43

Isopropyl Acetate

Concen: 8.893 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU034008.D

Acq: 28 Aug 2019 06:38

Instrument :

MSVOA_U

ClientSampleId :

NB-07-082619

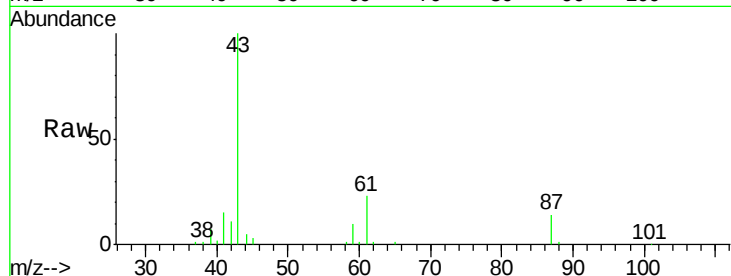
Tot Ion: 43 Resp: 80772

Ion Ratio Lower Upper

43 100

61 20.6 17.8 26.8

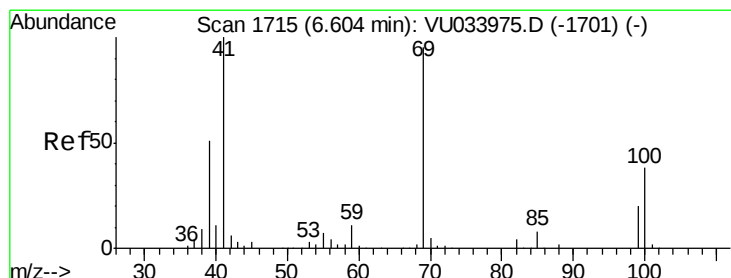
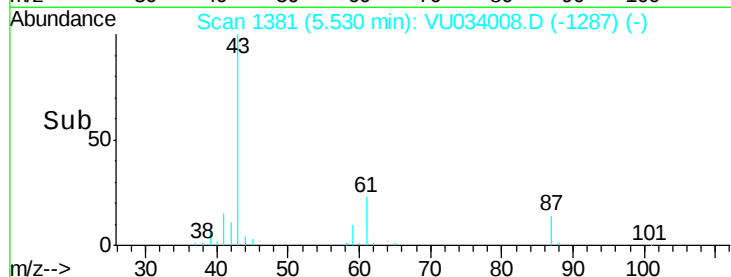
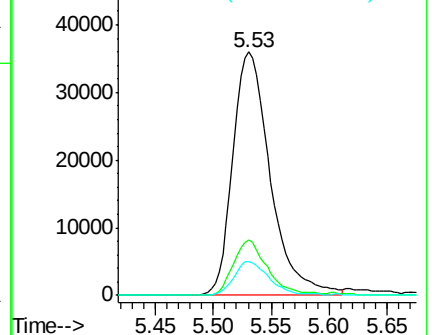
87 12.7 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-1365) (-)

Ion 61.00 (60.70 to 61.70): VU033975.D (-1365) (-)

Ion 87.00 (86.70 to 87.70): VU033975.D (-1365) (-)



#48

Methyl methacrylate

Concen: 1.288 ug/l

RT: 6.52 min Scan# 1690

Delta R.T. -0.08 min

Lab File: VU034008.D

Acq: 28 Aug 2019 06:38

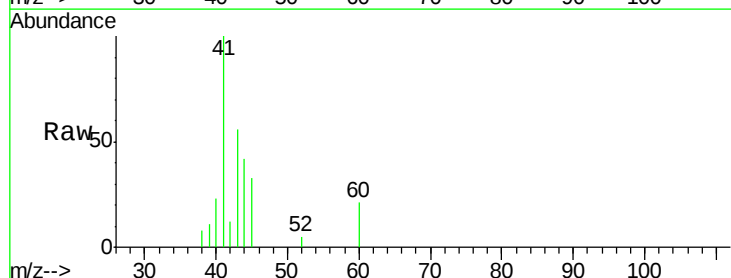
Tgt Ion: 41 Resp: 5561

Ion Ratio Lower Upper

41 100

69 0.0 76.3 114.5#

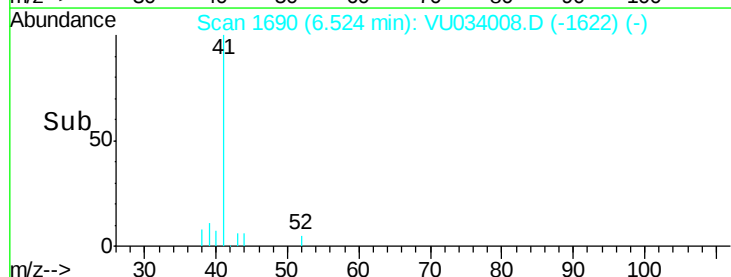
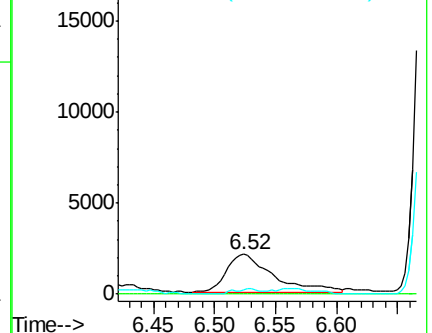
39 0.0 41.1 61.7#

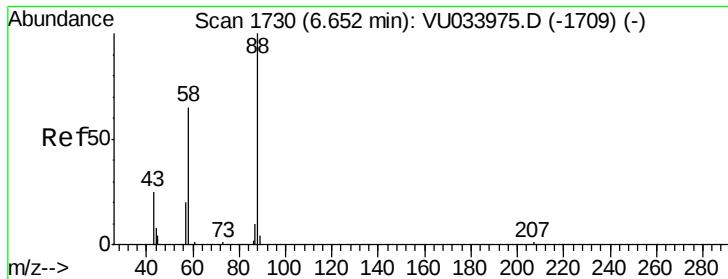


Abundance Ion 41.00 (40.70 to 41.70): VU033975.D (-1701) (-)

Ion 69.00 (68.70 to 69.70): VU033975.D (-1701) (-)

Ion 39.00 (38.70 to 39.70): VU033975.D (-1701) (-)





#49

1,4-Dioxane

Concen: 0.768 ug/l

RT: 6.68 min Scan# 1740

Delta R.T. 0.03 min

Lab File: VU034008.D

Acq: 28 Aug 2019 06:38

Instrument :

MSVOA_U

ClientSampleId :

NB-07-082619

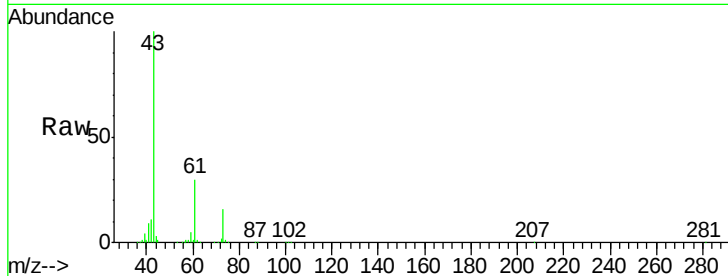
Tot Ion: 88 Resp: 91

Ion Ratio Lower Upper

88 100

43 1667619.8 0.0 0.0#

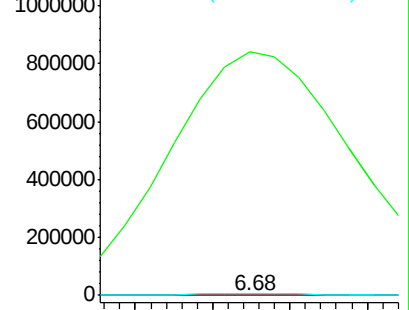
58 8676.9 56.6 85.0#



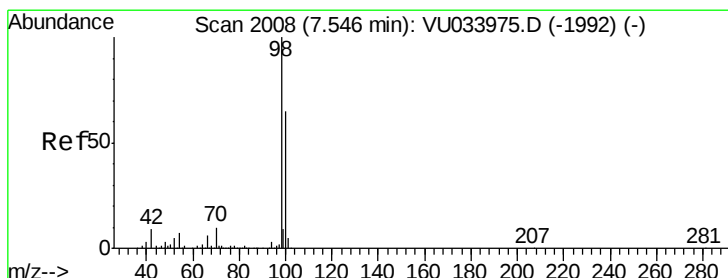
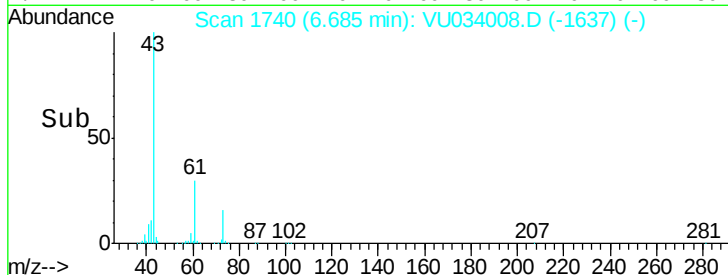
Abundance Ion 88.00 (87.70 to 88.70): VU033975.D (-1709) (-)

Ion 43.00 (42.70 to 43.70): VU033975.D (-1709) (-)

Ion 58.00 (57.70 to 58.70): VU033975.D (-1709) (-)



Time-->



#50

Toluene-d8

Concen: 52.193 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034008.D

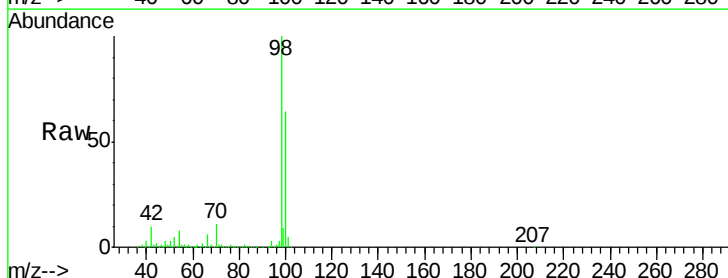
Acq: 28 Aug 2019 06:38

Tgt Ion: 98 Resp: 834410

Ion Ratio Lower Upper

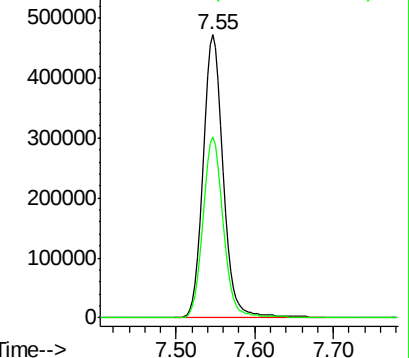
98 100

100 64.5 51.5 77.3

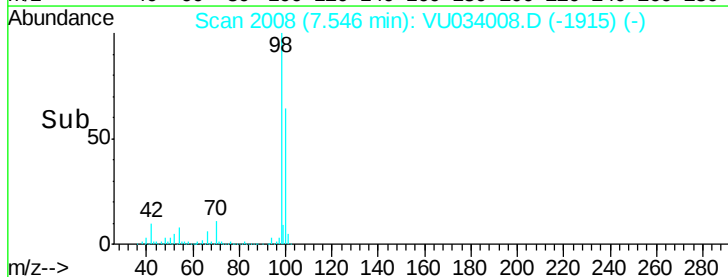


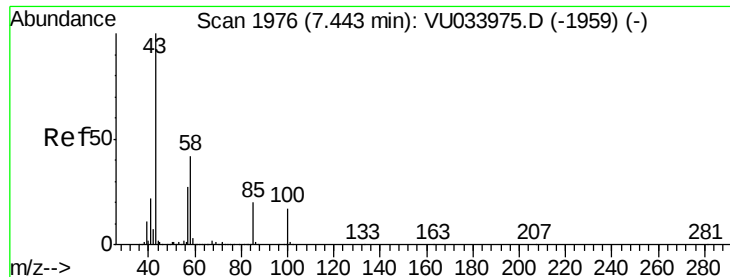
Abundance Ion 98.00 (97.70 to 98.70): VU033975.D (-1992) (-)

Ion 100.00 (99.70 to 100.70): VU033975.D (-1992) (-)



Time-->





#51

4-Methyl-2-Pentanone

Concen: 11.238 ug/l

RT: 7.40 min Scan# 1963

Delta R.T. -0.04 min

Lab File: VU034008.D

Acq: 28 Aug 2019 06:38

Instrument :

MSVOA_U

ClientSampleId :

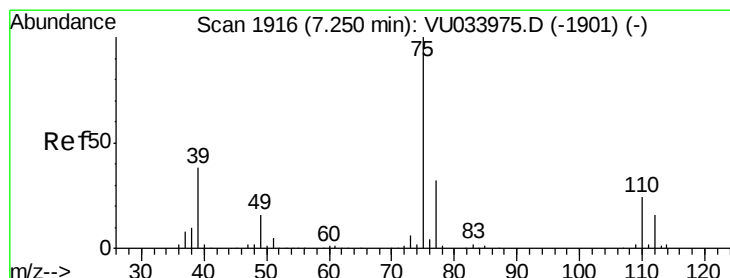
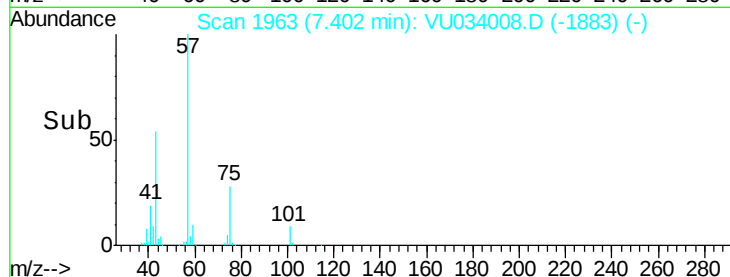
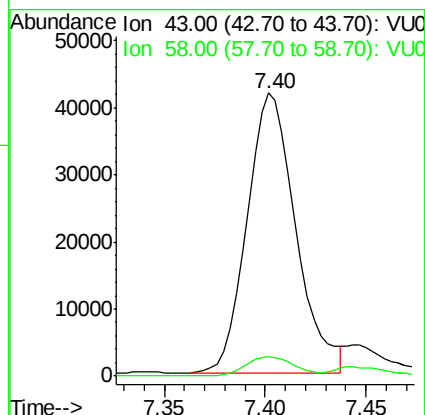
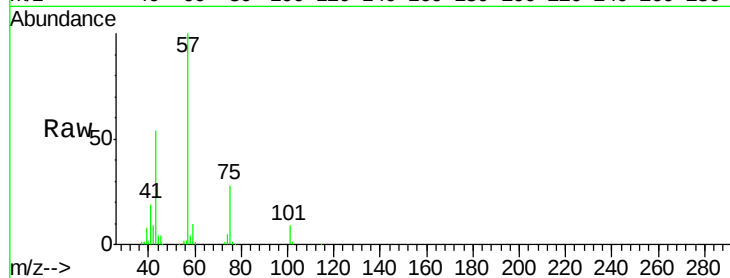
NB-07-082619

Tot Ion: 43 Resp: 70377

Ion Ratio Lower Upper

43 100

58 7.0 33.6 50.4#



#54

cis-1,3-Dichloropropene

Concen: 5.123 ug/l

RT: 7.40 min Scan# 1964

Delta R.T. 0.15 min

Lab File: VU034008.D

Acq: 28 Aug 2019 06:38

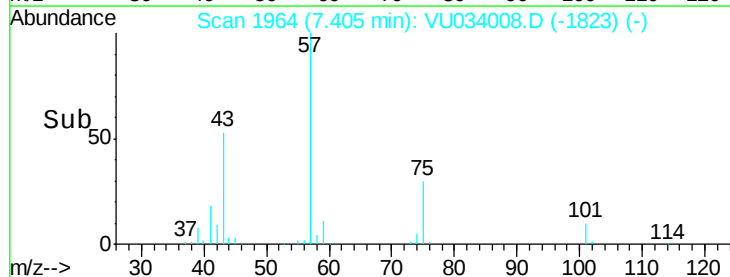
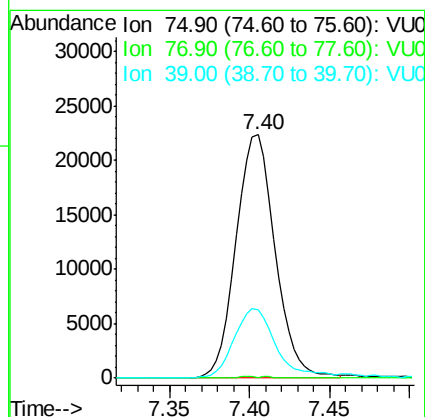
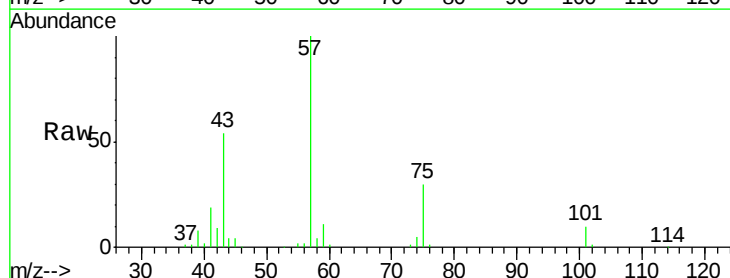
Tgt Ion: 75 Resp: 37267

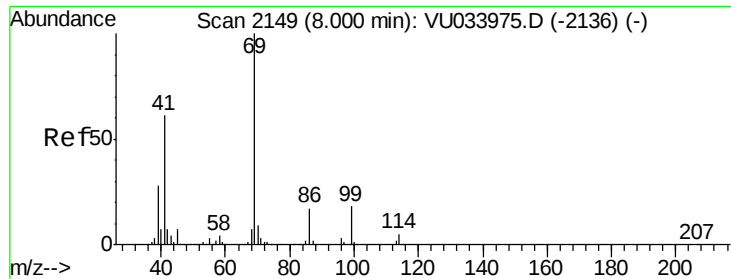
Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#

39 28.1 30.7 46.1#





#56

Ethyl methacrylate

Concen: 2.526 ug/l

RT: 7.91 min Scan# 2122

Delta R.T. -0.09 min

Lab File: VU034008.D

Acq: 28 Aug 2019 06:38

Instrument :

MSVOA_U

ClientSampleId :

NB-07-082619

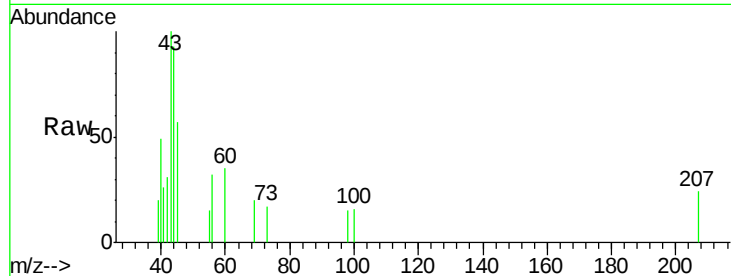
Tot Ion: 69 Resp: 91

Ion Ratio Lower Upper

69 100

41 0.0 48.6 72.8#

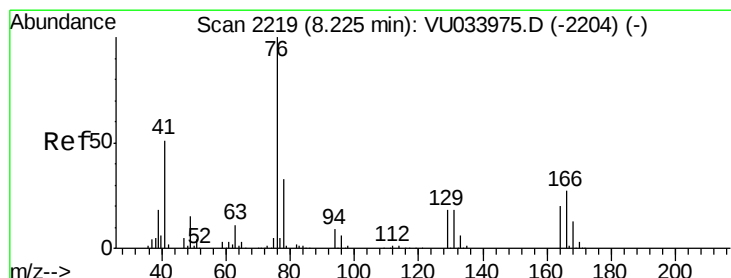
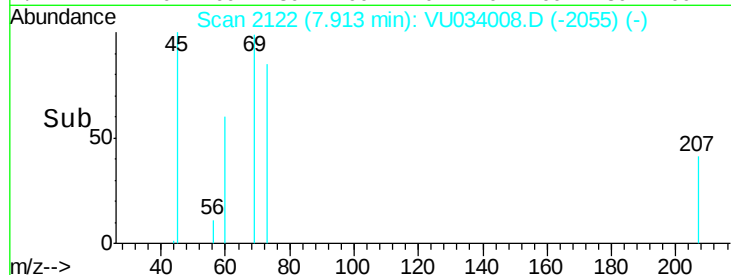
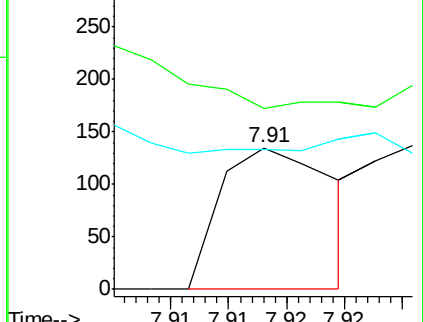
39 0.0 22.4 33.6#



Abundance Ion 69.00 (68.70 to 69.70): VU033975.D (-2136) (-)

Ion 41.00 (40.70 to 41.70): VU033975.D (-2136) (-)

Ion 39.00 (38.70 to 39.70): VU033975.D (-2136) (-)



#57

1,3-Dichloropropane

Concen: 0.884 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. 0.17 min

Lab File: VU034008.D

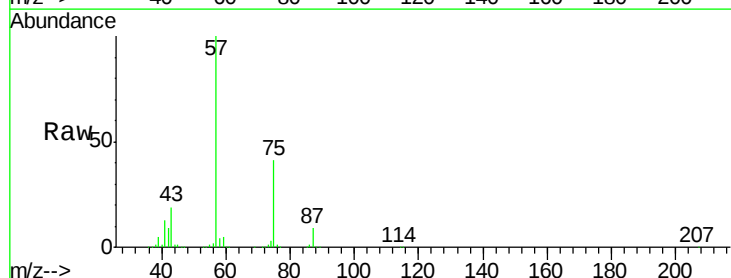
Acq: 28 Aug 2019 06:38

Tgt Ion: 76 Resp: 6739

Ion Ratio Lower Upper

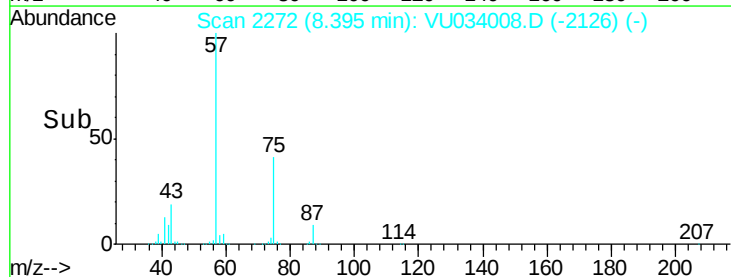
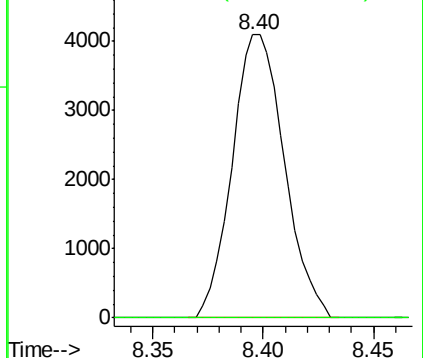
76 100

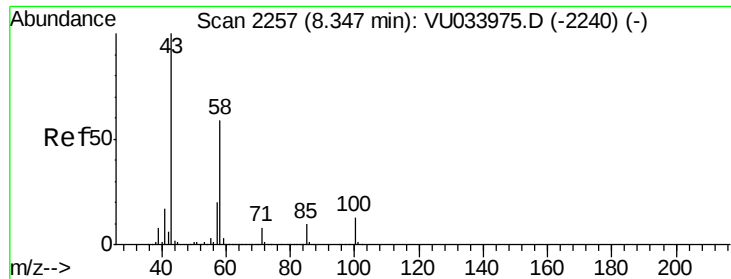
78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VU033975.D (-2204) (-)

Ion 77.90 (77.60 to 78.60): VU033975.D (-2204) (-)

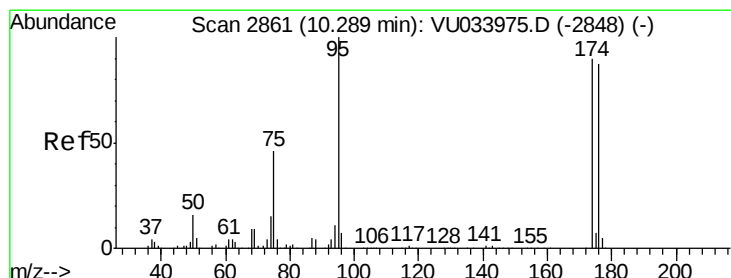
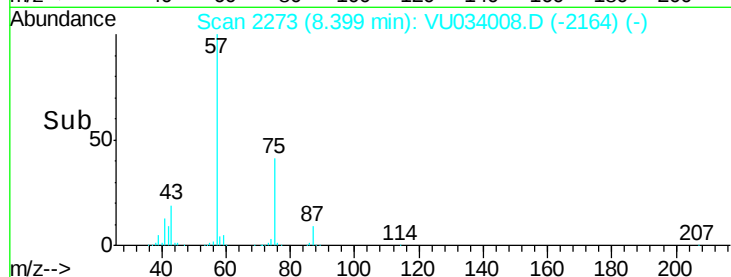
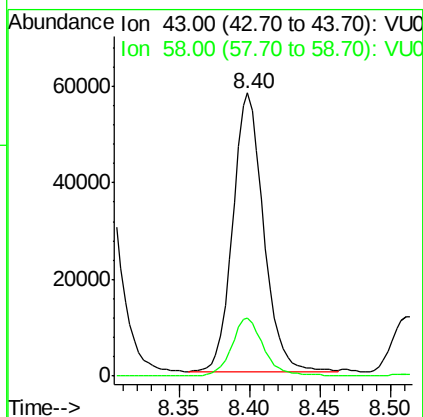
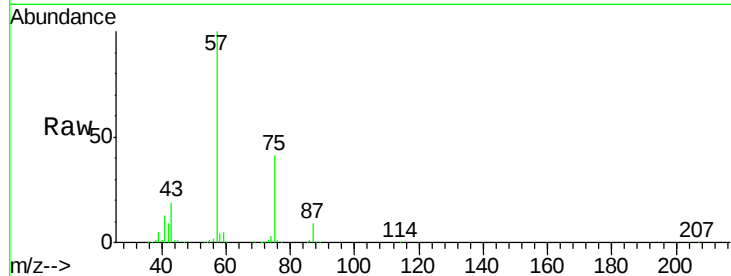




#59
2-Hexanone
Concen: 18.236 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.05 min
Lab File: VU034008.D
Acq: 28 Aug 2019 06:38

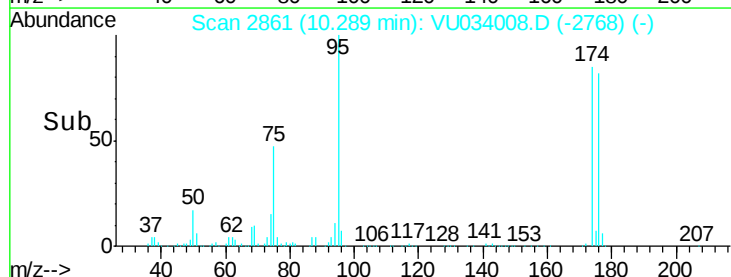
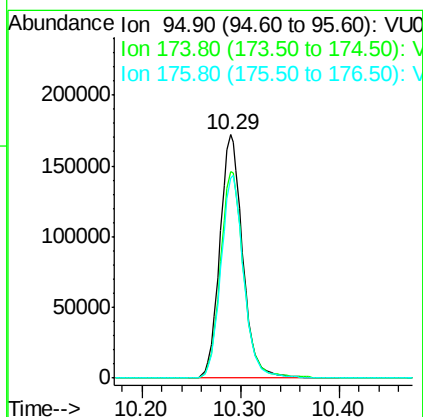
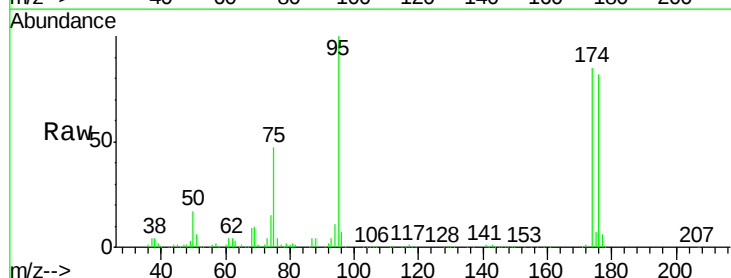
Instrument :
MSVOA_U
ClientSampleId :
NB-07-082619

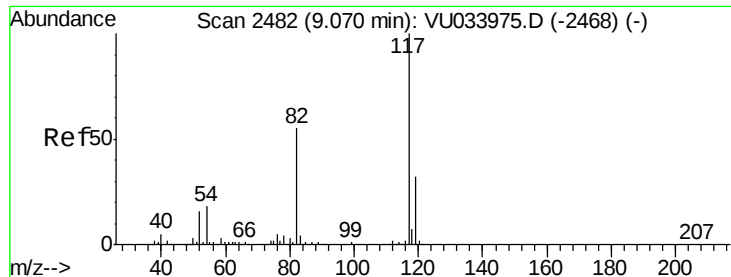
Tot Ion: 43 Resp: 87774
Ion Ratio Lower Upper
43 100
58 22.1 29.5 88.6#



#62
4-Bromofluorobenzene
Concen: 45.620 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034008.D
Acq: 28 Aug 2019 06:38

Tgt Ion: 95 Resp: 279765
Ion Ratio Lower Upper
95 100
174 86.6 0.0 183.8
176 83.2 0.0 176.4

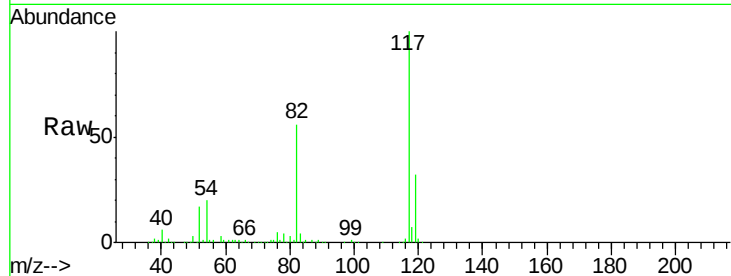




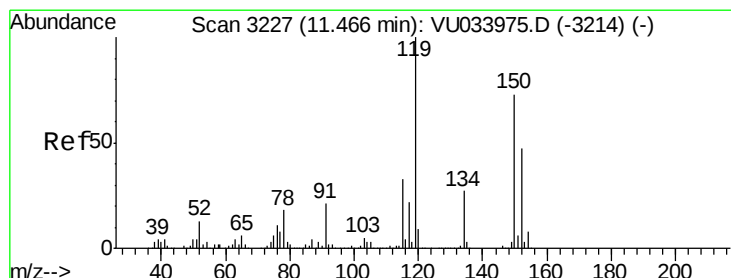
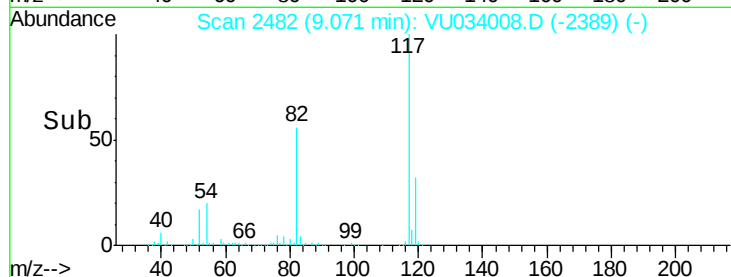
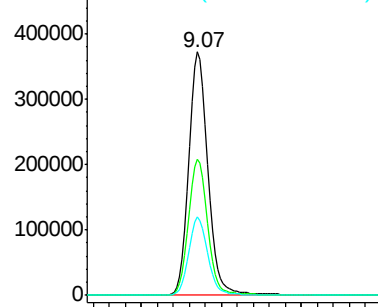
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034008.D
Acq: 28 Aug 2019 06:38

Instrument :
MSVOA_U
ClientSampleId :
NB-07-082619

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.8	65.8
119	32.0	25.7	38.5

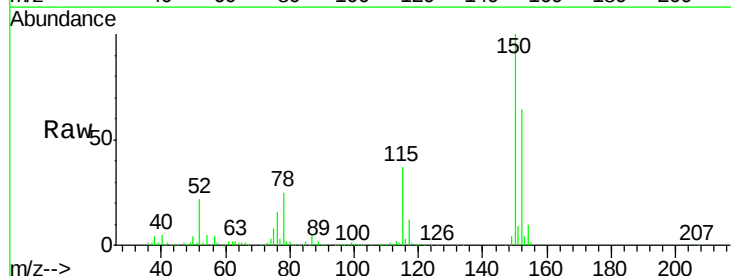


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

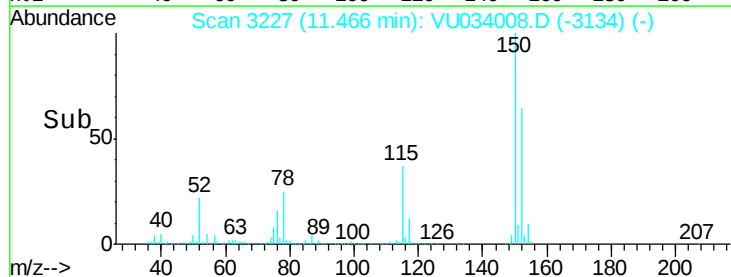
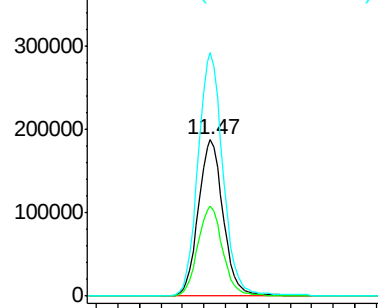


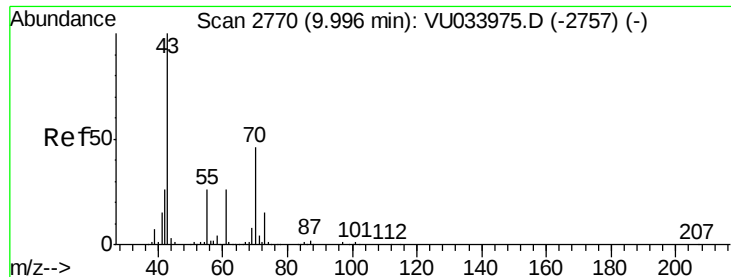
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU034008.D
Acq: 28 Aug 2019 06:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	38.6	115.7
150	156.6	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





#74

N-amvl acetate

Concen: 0.388 ug/l

RT: 9.92 min Scan# 2746

Delta R.T. -0.08 min

Lab File: VU034008.D

Acq: 28 Aug 2019 06:38

Instrument :

MSVOA_U

ClientSampleId :

NB-07-082619

Tot Ion: 43 Resp: 2833

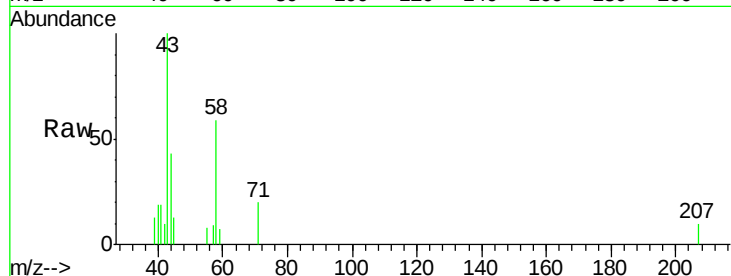
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.0#

55 6.1 21.0 31.4#

61 0.0 20.9 31.3#

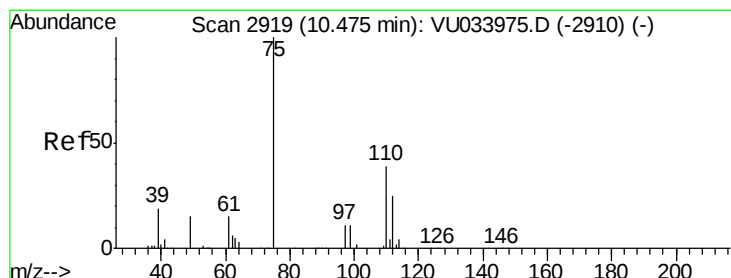
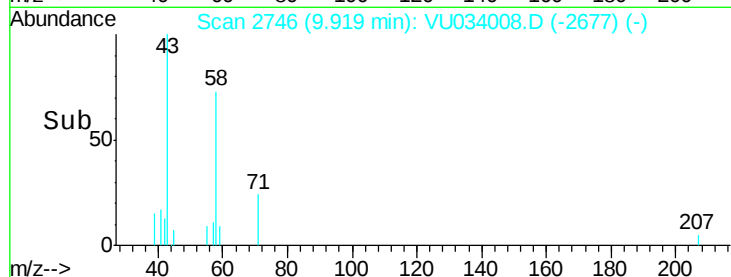
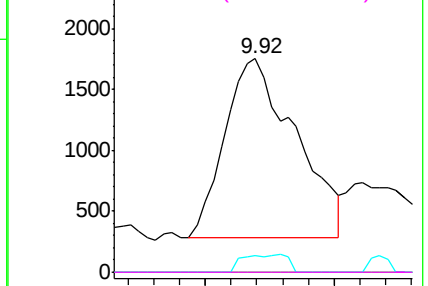


Abundance Ion 43.00 (42.70 to 43.70): VU033975.D (-2757) (-)

Ion 70.00 (69.70 to 70.70): VU033975.D (-2757) (-)

Ion 55.00 (54.70 to 55.70): VU033975.D (-2757) (-)

Ion 61.00 (60.70 to 61.70): VU033975.D (-2757) (-)



#76

1,2,3-Trichloropropane

Concen: 21.878 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU034008.D

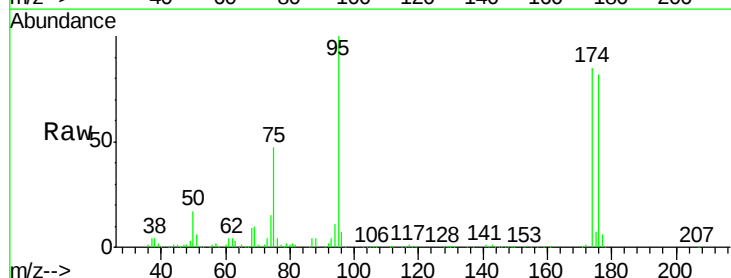
Acq: 28 Aug 2019 06:38

Tgt Ion: 75 Resp: 131888

Ion Ratio Lower Upper

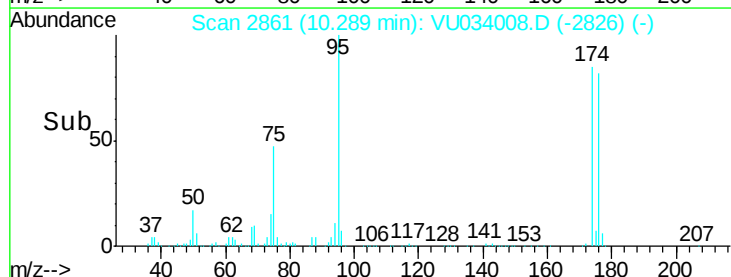
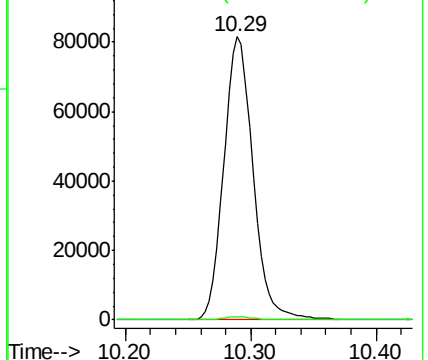
75 100

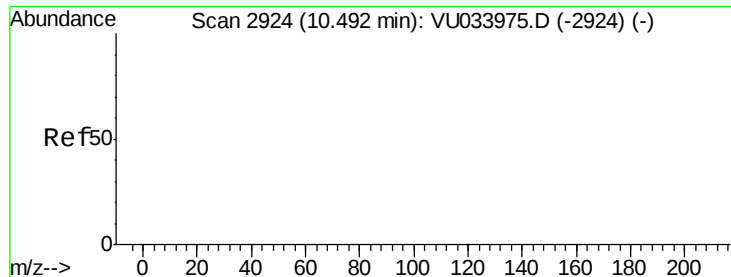
77 1.2 21.0 63.0#



Abundance Ion 74.90 (74.60 to 75.60): VU033975.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU033975.D (-2910) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 62.665 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.20 min

Lab File: VU034008.D

Acq: 28 Aug 2019 06:38

Instrument :

MSVOA_U

ClientSampleId :

NB-07-082619

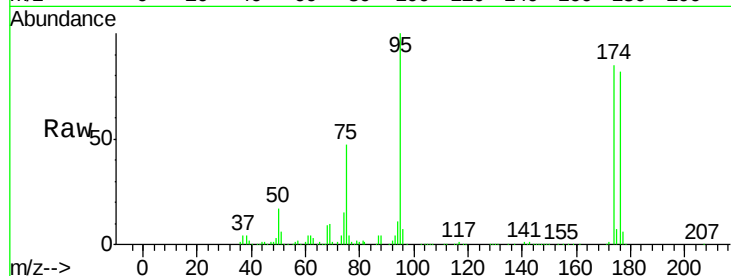
Tot Ion: 75 Resp: 131888

Ion Ratio Lower Upper

75 100

53 0.1 0.0 0.0#

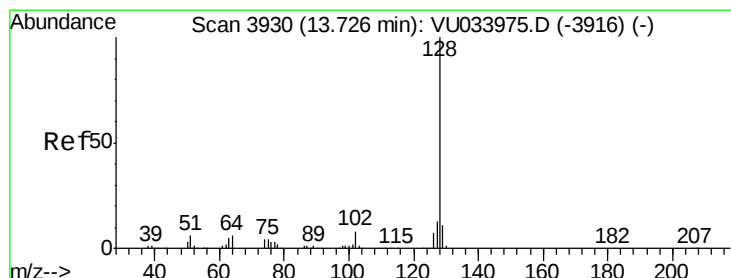
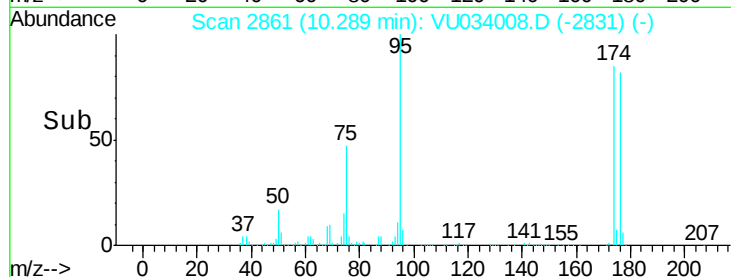
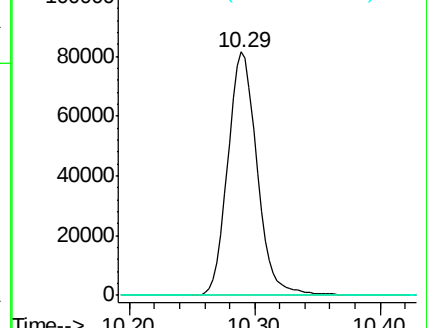
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU033975.D (-2924) (-)

Ion 53.00 (52.70 to 53.70): VU033975.D (-2924) (-)

Ion 88.90 (88.60 to 89.60): VU033975.D (-2924) (-)



#95

Naphthalene

Concen: 2.156 ug/l

RT: 13.77 min Scan# 3945

Delta R.T. 0.05 min

Lab File: VU034008.D

Acq: 28 Aug 2019 06:38

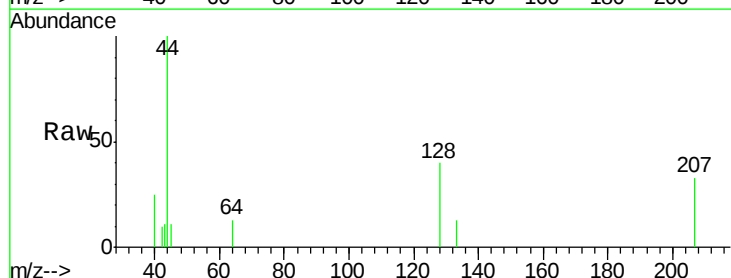
Tgt Ion: 128 Resp: 1426

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): VU033975.D (-3916) (-)

Ion 127.00 (126.70 to 127.70): VU033975.D (-3916) (-)

Ion 129.00 (128.70 to 129.70): VU033975.D (-3916) (-)

