

Data File : VU033984.D
Acq On : 27 Aug 2019 19:53
Operator : JC/SP
Sample : PB122564TB
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PB122564TB

Quant Time: Aug 28 04:06:27 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	391354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	575471	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	537908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	241543	50.00	ug/l	0.00

System Monitoring Compounds

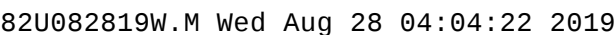
33) 1,2-Dichloroethane-d4	5.29	65	203319	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
35) Dibromofluoromethane	4.86	113	180949	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
50) Toluene-d8	7.55	98	709505	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	10.29	95	233565	42.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.34%	

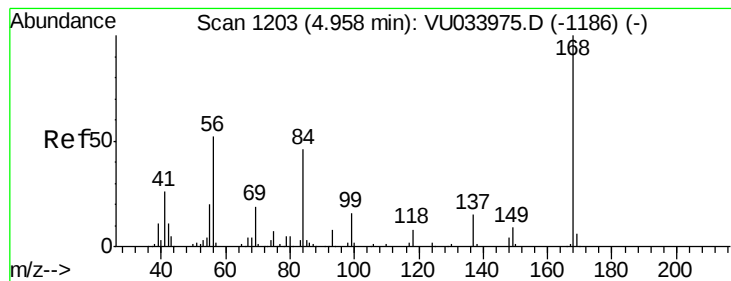
Target Compounds

						Qvalue
3) Chloromethane	1.32	50	1970	1.365	ug/l #	83
5) Bromomethane	1.62	94	1655	0.693	ug/l #	70
10) Methyl Iodide	2.41	142	1262	0.255	ug/l #	88
11) Tert butyl alcohol	2.83	59	3350	2.975	ug/l #	85
13) Acrolein	2.19	56	128	0.358	ug/l	92
16) Acetone	2.31	43	8447	4.059	ug/l	98
17) Carbon Disulfide	2.47	76	3387	0.299	ug/l #	89
18) Methyl Acetate	2.61	43	2966	0.579	ug/l	98
20) Methylene Chloride	2.69	84	3252	0.737	ug/l	87
25) 2-Butanone	4.29	43	712	0.239	ug/l #	89
31) Cyclohexane	4.96	56	6242	0.974	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	24758	4.697	ug/l #	49
38) Carbon Tetrachloride	4.96	117	32649	6.078	ug/l #	15
43) Isopropyl Acetate	5.53	43	68805	8.488	ug/l	99
48) Methyl methacrylate	6.68	41	115915	30.077	ug/l #	35
49) 1,4-Dioxane	6.68	88	42	0.397	ug/l #	1
51) 4-Methyl-2-Pentanone	7.40	43	62767	11.231	ug/l #	45
54) cis-1,3-Dichloropropene	7.40	75	34081	5.250	ug/l #	62
56) Ethyl methacrylate	8.02	69	296	2.557	ug/l #	29
57) 1,3-Dichloropropane	8.40	76	6169	0.907	ug/l #	43
58) 2-Chloroethyl Vinyl ether	7.13	63	49	16.222	ug/l #	47
59) 2-Hexanone	8.40	43	81034	18.864	ug/l #	51
74) N-ethyl acetate	9.92	43	2607	0.447	ug/l #	42
76) 1,2,3-Trichloropropane	10.29	75	109545	22.762	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.76	105	12527	0.941	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.29	75	109545	65.194	ug/l #	100
82) 4-Chlorotoluene	10.76	91	3205	0.260	ug/l	72
93) 1,2,4-Trichlorobenzene	13.51	180	653	1.858	ug/l #	71
94) Hexachlorobutadiene	13.68	225	725	0.231	ug/l	84
95) Naphthalene	13.75	128	2313	2.232	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.99	180	1675	0.342	ug/l #	39

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

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082819W.M
Quant Title : SW846 8260
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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: VU033984.D

Acq: 27 Aug 2019 19:53

Instrument :

MSVOA_U

ClientSampleId :

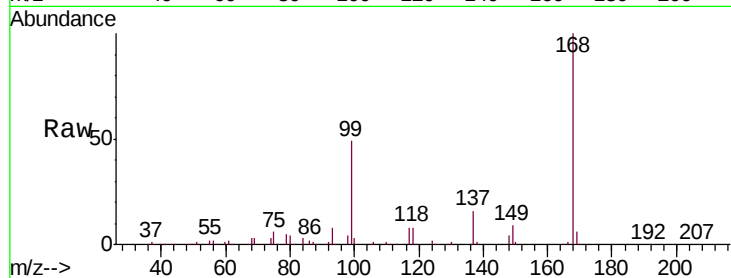
PB122564TB

Tgt Ion:168 Resp: 391354

Ion Ratio Lower Upper

168 100

99 49.4 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

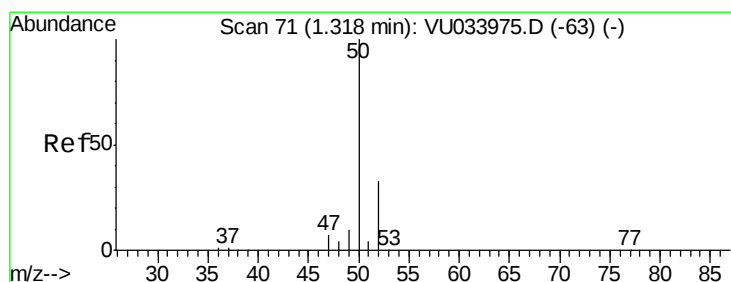
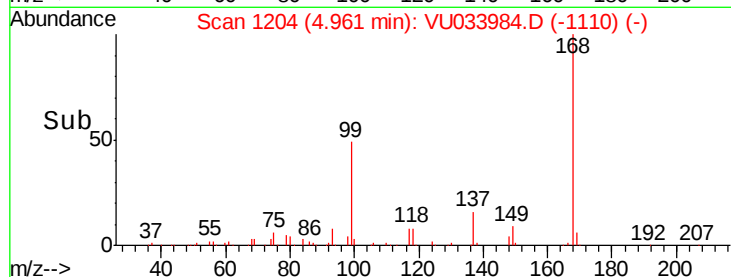
100000

50000

0

4.90 5.00 5.10

Time-->



#3

Chloromethane

Concen: 1.365 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.01 min

Lab File: VU033984.D

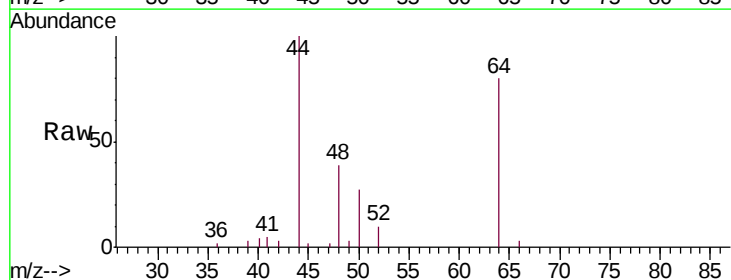
Acq: 27 Aug 2019 19:53

Tgt Ion: 50 Resp: 1970

Ion Ratio Lower Upper

50 100

52 42.2 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

1500

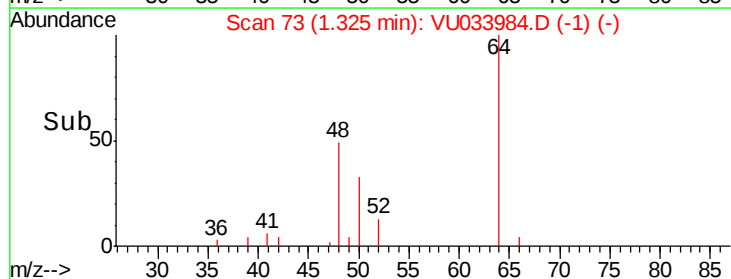
1000

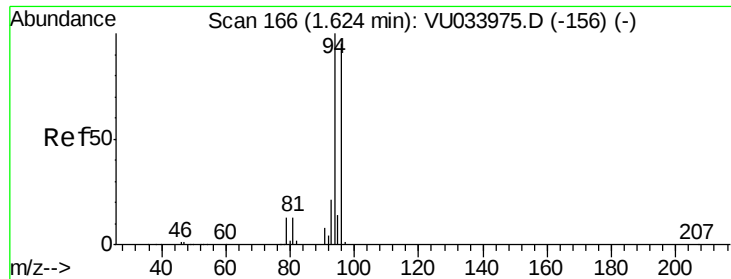
500

0

1.28 1.30 1.32 1.34 1.36

Time-->





#5

Bromomethane

Concen: 0.693 ug/l

RT: 1.62 min Scan# 164

Delta R.T. -0.01 min

Lab File: VU033984.D

Acq: 27 Aug 2019 19:53

Instrument :

MSVOA_U

ClientSampleId :

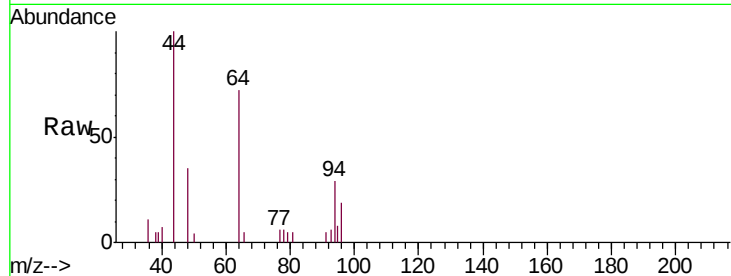
PB122564TB

Tgt Ion: 94 Resp: 1655

Ion Ratio Lower Upper

94 100

96 66.3 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) (-)

1.62

800

600

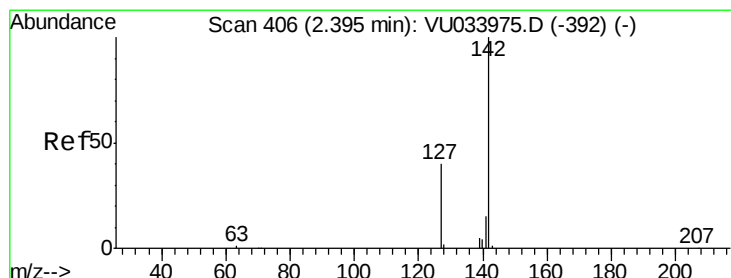
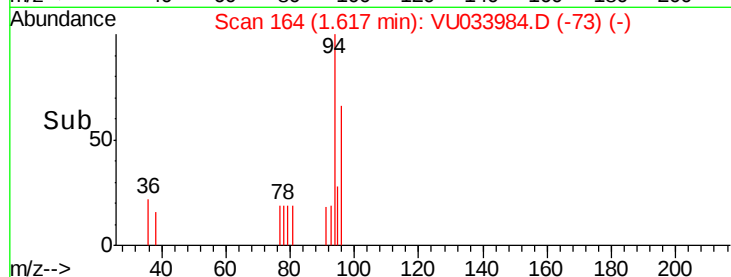
400

200

0

1.60 1.65 1.70

Time-->



#10

Methyl Iodide

Concen: 0.255 ug/l

RT: 2.41 min Scan# 409

Delta R.T. 0.01 min

Lab File: VU033984.D

Acq: 27 Aug 2019 19:53

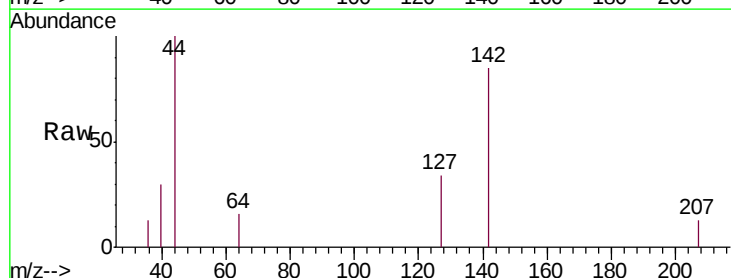
Tgt Ion: 142 Resp: 1262

Ion Ratio Lower Upper

142 100

127 37.5 32.2 48.2

141 1.7 11.8 17.8#



Abundance Ion 141.80 (141.50 to 142.50): VU033975.D (-392) (-)

Ion 126.80 (126.50 to 127.50): VU033975.D (-392) (-)

Ion 140.80 (140.50 to 141.50): VU033975.D (-392) (-)

800

600

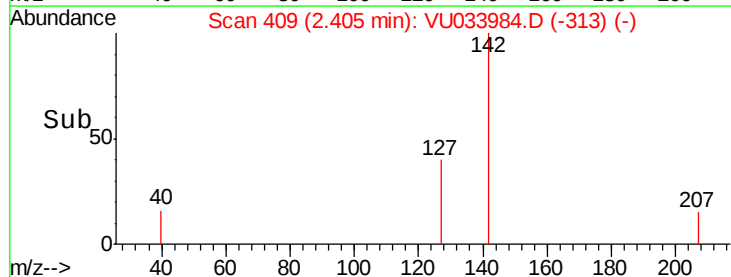
400

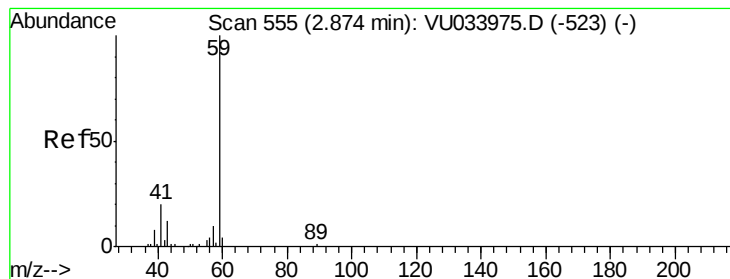
200

0

2.35 2.40 2.45

Time-->





#11

Tert butyl alcohol

Concen: 2.975 ug/l

RT: 2.83 min Scan# 540

Delta R.T. -0.05 min

Lab File: VU033984.D

Acq: 27 Aug 2019 19:53

Instrument :

MSVOA_U

ClientSampleId :

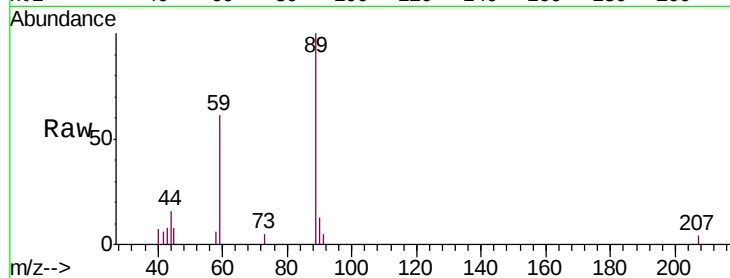
PB122564TB

Tgt Ion: 59 Resp: 3350

Ion Ratio Lower Upper

59 100

57 0.0 3.9 5.9#



Abundance Ion 59.00 (58.70 to 59.70): VU033975.D (-523) (-)

Ion 57.00 (56.70 to 57.70): VU033975.D (-523) (-)

2.83

1500

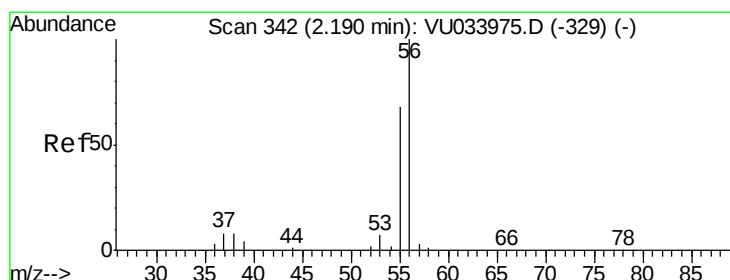
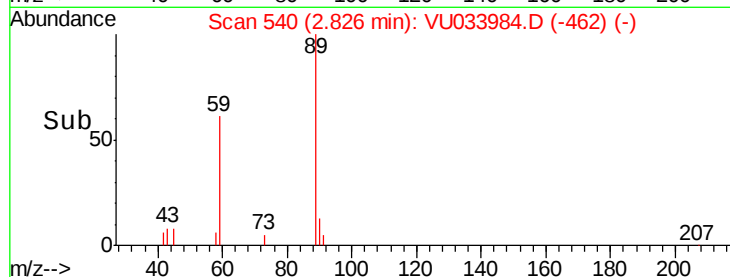
1000

500

0

Time-->

2.75 2.80 2.85 2.90



#13

Acrolein

Concen: 0.358 ug/l

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VU033984.D

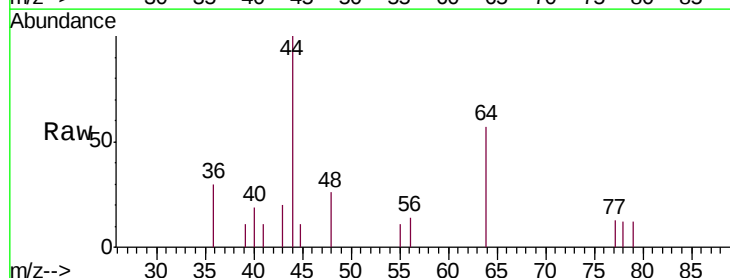
Acq: 27 Aug 2019 19:53

Tgt Ion: 56 Resp: 128

Ion Ratio Lower Upper

56 100

55 78.9 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VU033975.D (-329) (-)

Ion 55.00 (54.70 to 55.70): VU033975.D (-329) (-)

2.19

150

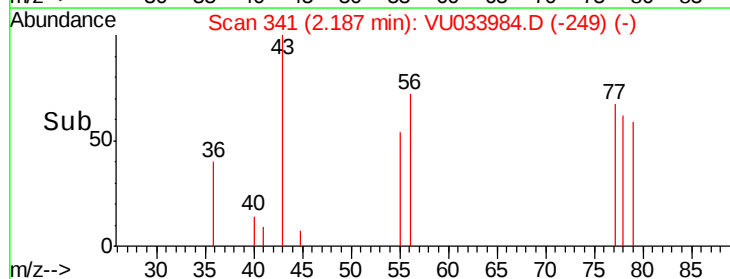
100

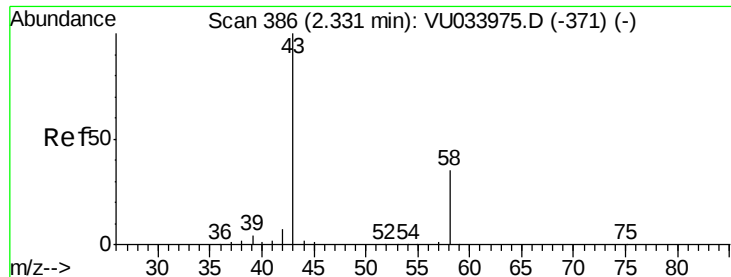
50

0

Time-->

2.16 2.17 2.18 2.19 2.20





#16

Acetone

Concen: 4.059 ug/l

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU033984.D

Acq: 27 Aug 2019 19:53

Instrument :

MSVOA_U

ClientSampleId :

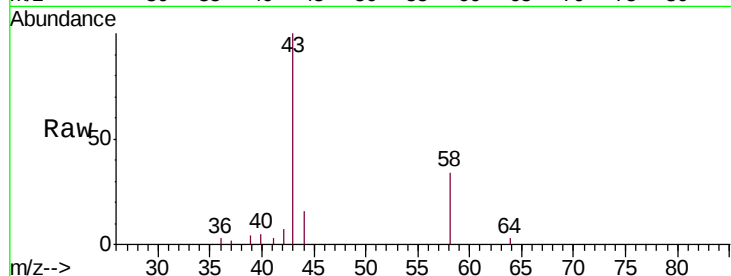
PB122564TB

Tgt Ion: 43 Resp: 8447

Ion Ratio Lower Upper

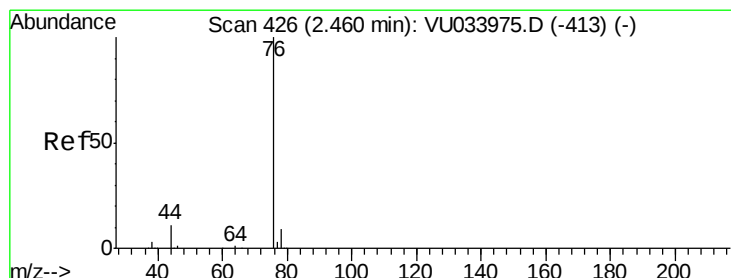
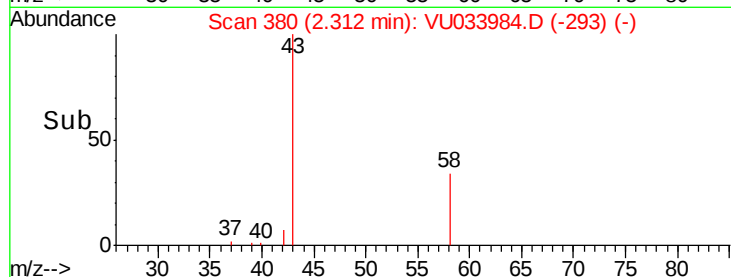
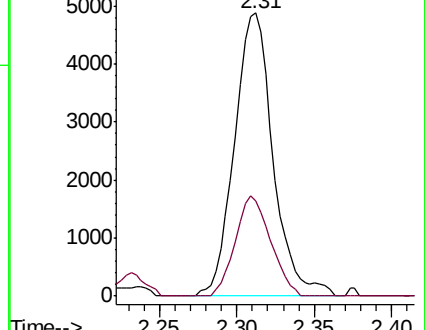
43 100

58 33.7 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) (-)



#17

Carbon Disulfide

Concen: 0.299 ug/l

RT: 2.47 min Scan# 428

Delta R.T. 0.01 min

Lab File: VU033984.D

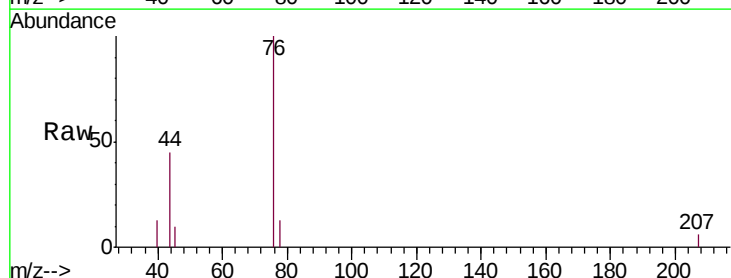
Acq: 27 Aug 2019 19:53

Tgt Ion: 76 Resp: 3387

Ion Ratio Lower Upper

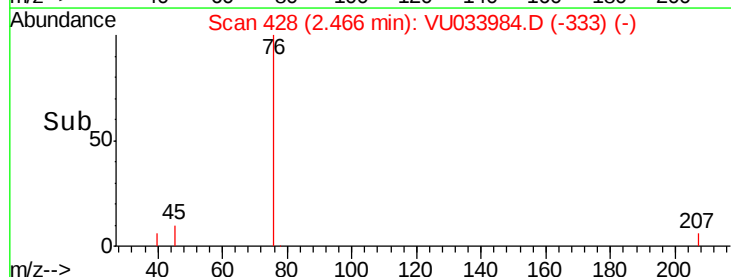
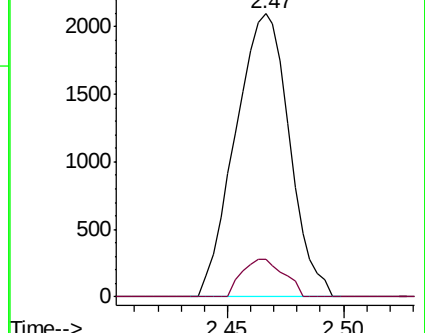
76 100

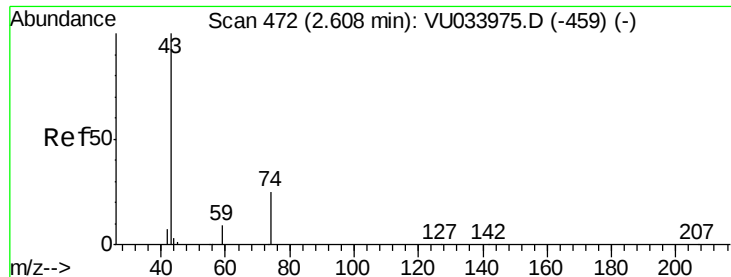
78 13.3 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VU033975.D (-413) (-)

Ion 77.90 (77.60 to 78.60): VU033975.D (-413) (-)

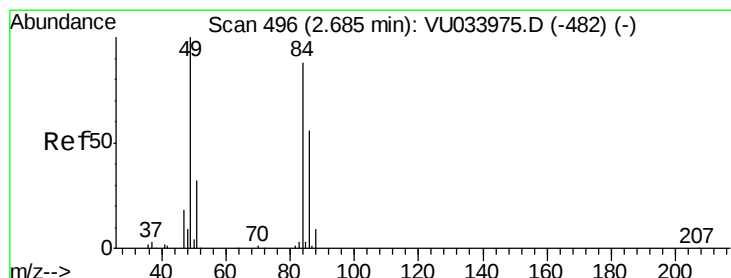
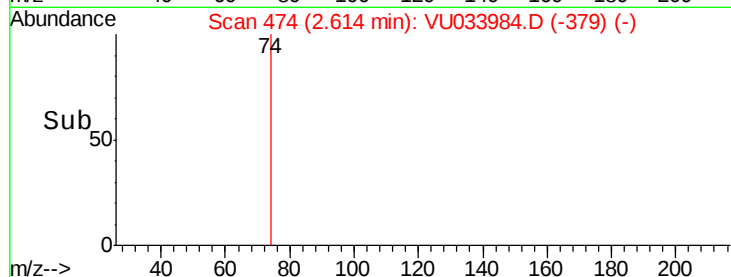
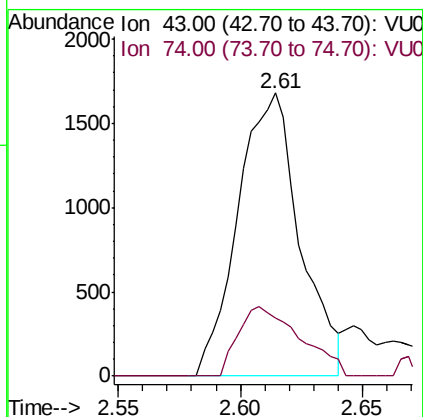
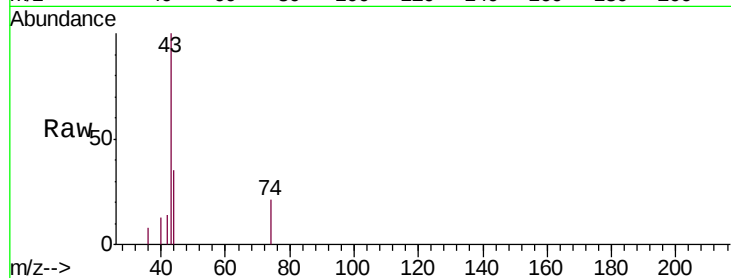




#18
Methyl Acetate
Concen: 0.579 ug/l
RT: 2.61 min Scan# 474
Delta R.T. 0.01 min
Lab File: VU033984.D
Acq: 27 Aug 2019 19:53

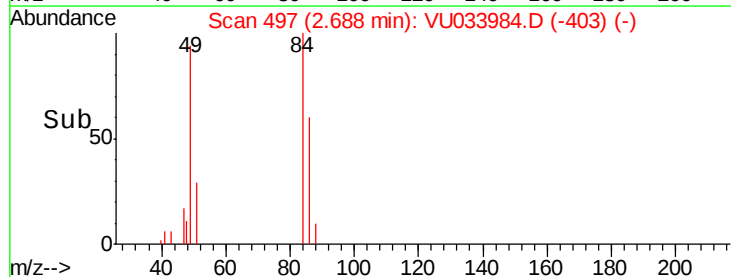
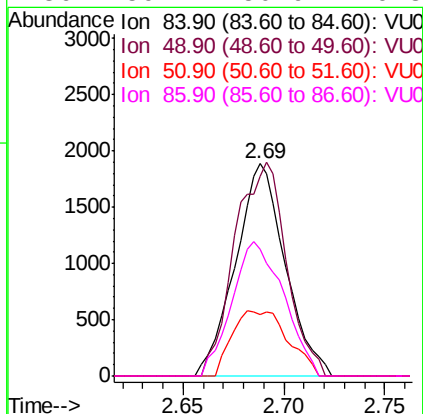
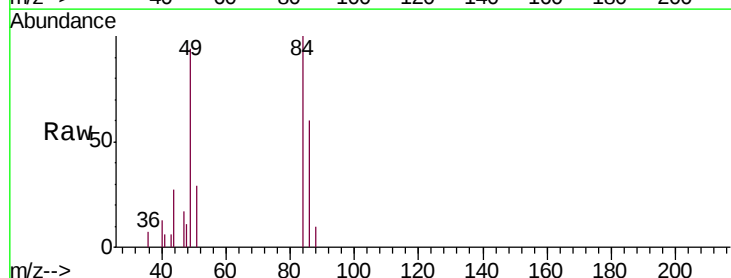
Instrument :
MSVOA_U
ClientSampleId :
PB122564TB

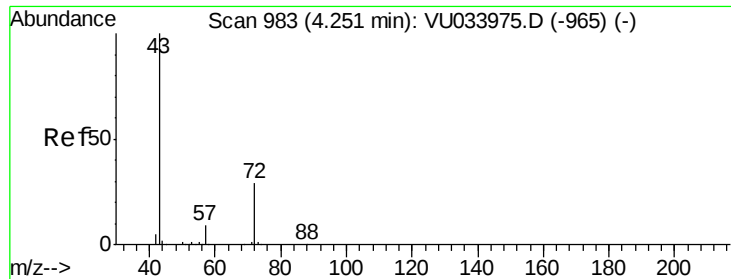
Tgt Ion: 43 Resp: 2966
Ion Ratio Lower Upper
43 100
74 24.7 20.5 30.7



#20
Methylene Chloride
Concen: 0.737 ug/l
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU033984.D
Acq: 27 Aug 2019 19:53

Tgt Ion: 84 Resp: 3252
Ion Ratio Lower Upper
84 100
49 94.1 91.3 136.9
51 29.0 28.9 43.3
86 59.7 50.9 76.3

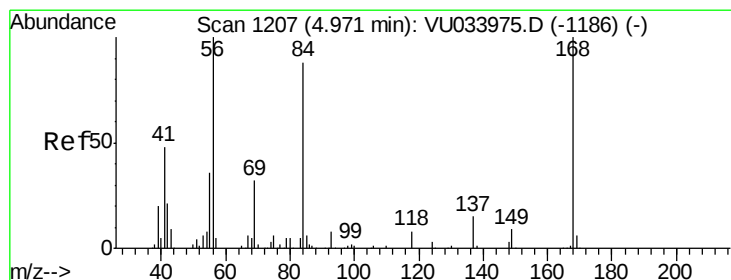
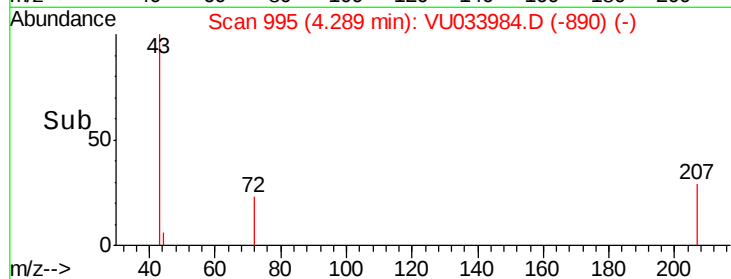
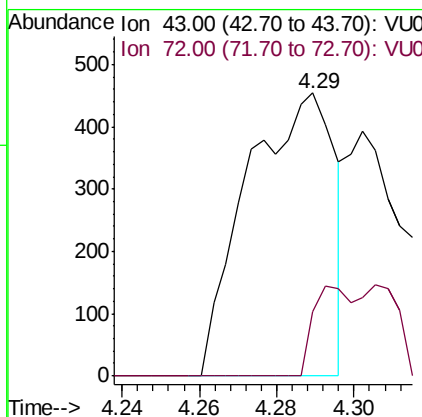
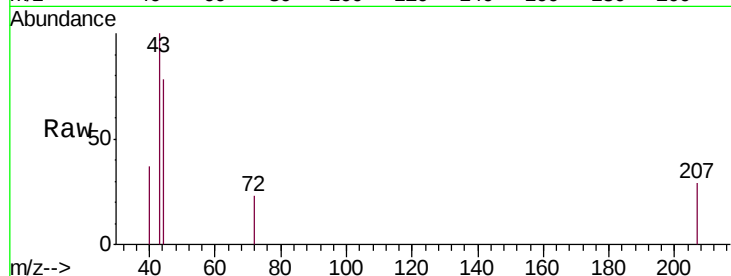




#25
2-Butanone
Concen: 0.239 ug/l
RT: 4.29 min Scan# 995
Delta R.T. 0.04 min
Lab File: VU033984.D
Acq: 27 Aug 2019 19:53

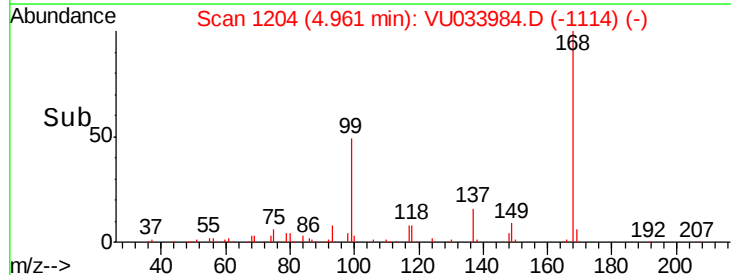
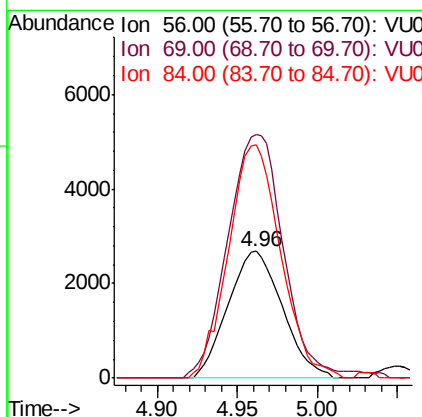
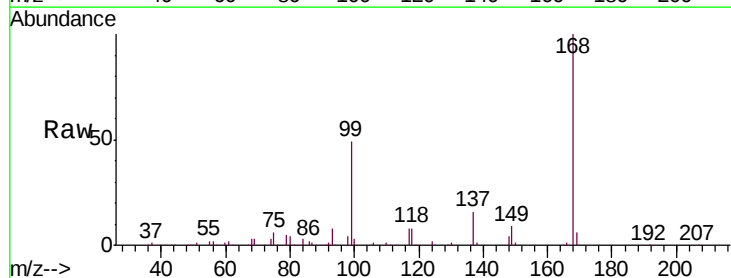
Instrument :
MSVOA_U
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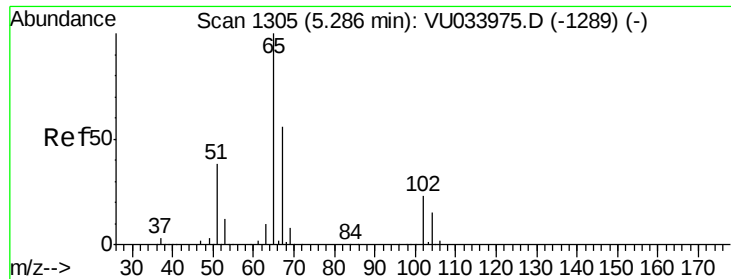
Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
72 22.7 22.9 34.3#



#31
Cyclohexane
Concen: 0.974 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VU033984.D
Acq: 27 Aug 2019 19:53

Tgt Ion: 56 Resp: 6242
Ion Ratio Lower Upper
56 100
69 187.6 25.9 38.9#
84 183.9 70.4 105.6#

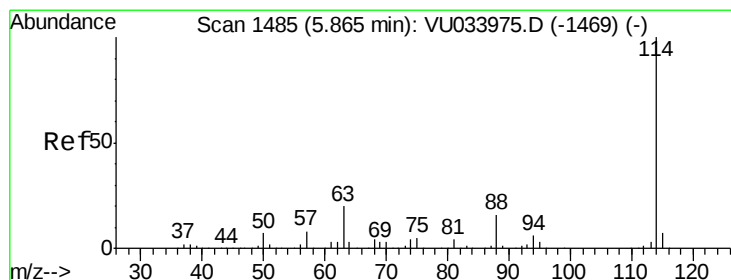
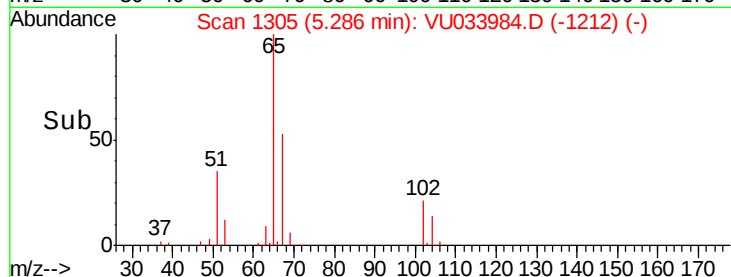
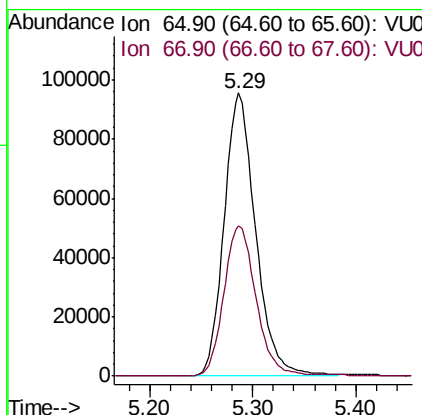
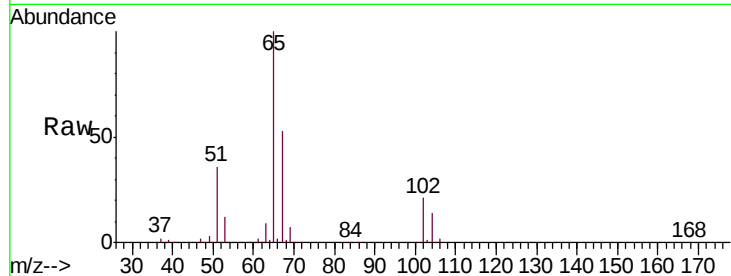




#33
 1,2-Dichloroethane-d4
 Concen: 46.764 ug/l
 RT: 5.29 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU033984.D
 Acq: 27 Aug 2019 19:53

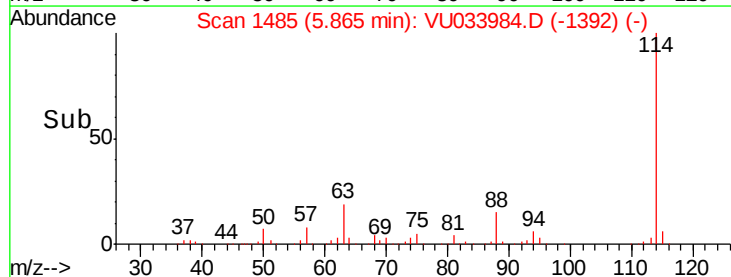
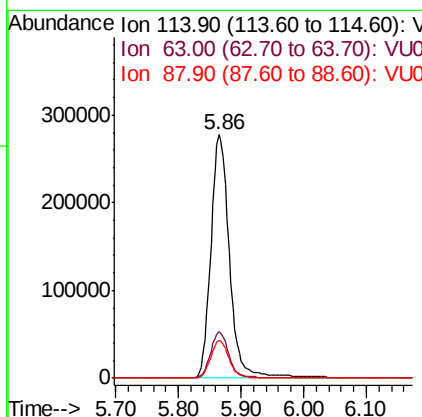
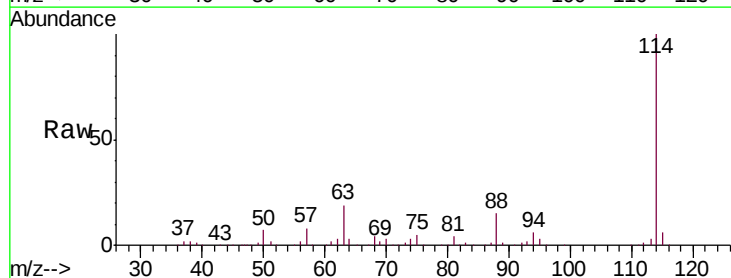
Instrument :
 MSVOA_U
 ClientSampleId :
 PB122564TB

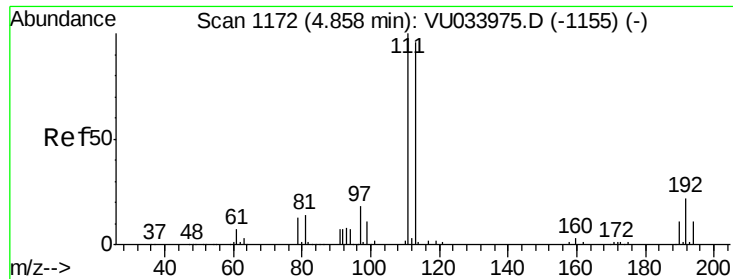
Tgt Ion: 65 Resp: 203319
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.86 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VU033984.D
 Acq: 27 Aug 2019 19:53

Tgt Ion: 114 Resp: 575471
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.0
 88 15.5 0.0 31.2

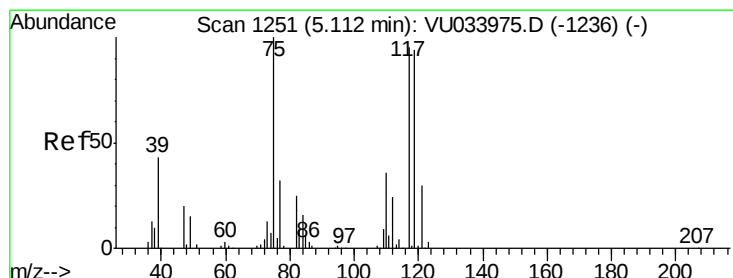
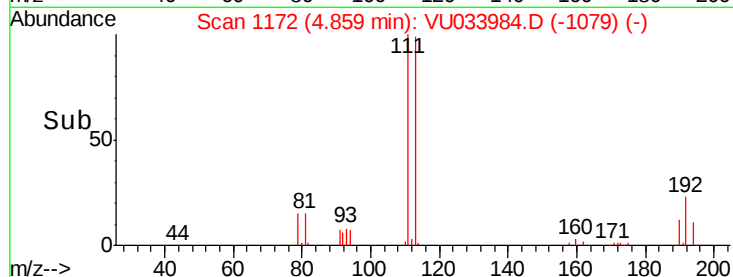
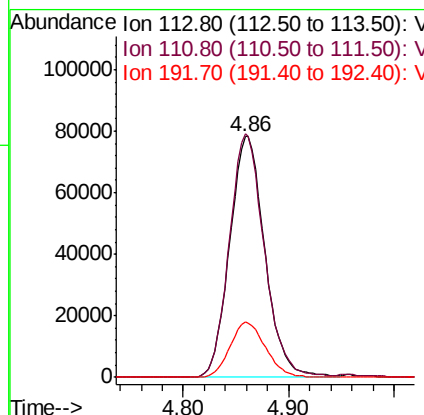
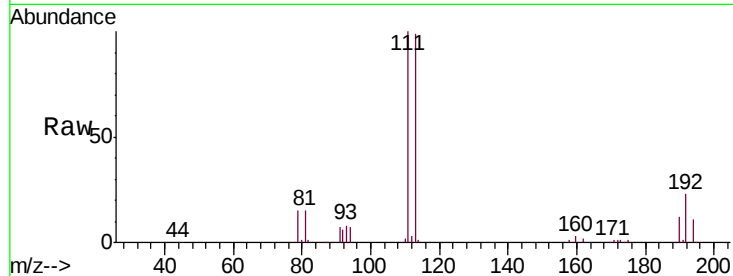




#35
 Dibromofluoromethane
 Concen: 46.778 ug/l
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: VU033984.D
 Acq: 27 Aug 2019 19:53

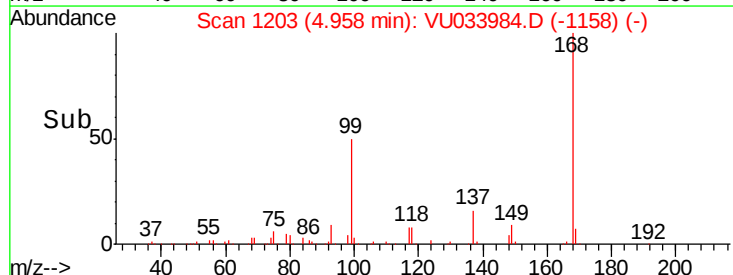
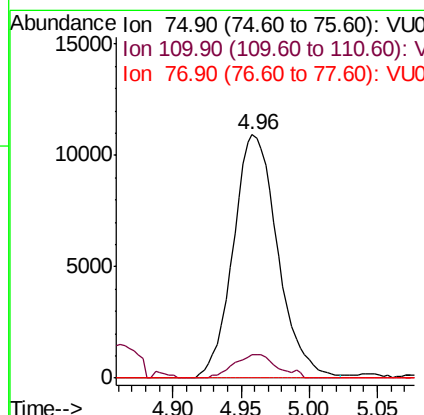
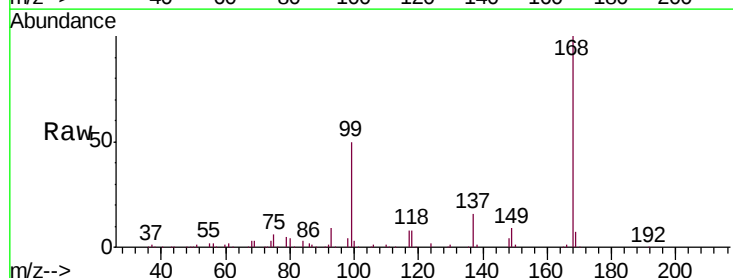
Instrument :
 MSVOA_U
 ClientSampleId :
 PB122564TB

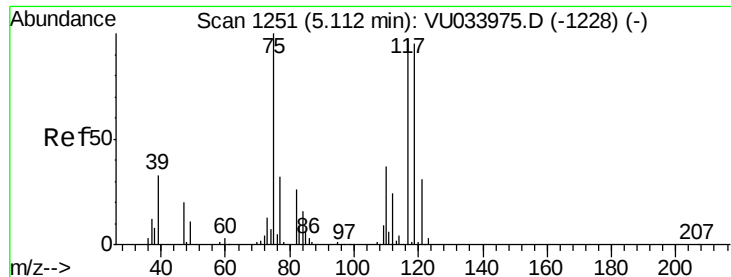
Tgt Ion: 113 Resp: 180949
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.7 122.5
 192 23.1 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 4.697 ug/l
 RT: 4.96 min Scan# 1203
 Delta R.T. -0.15 min
 Lab File: VU033984.D
 Acq: 27 Aug 2019 19:53

Tgt Ion: 75 Resp: 24758
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.2 54.6#
 77 0.0 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 6.078 ug/l

RT: 4.96 min Scan# 1204

Delta R.T. -0.15 min

Lab File: VU033984.D

Acq: 27 Aug 2019 19:53

Instrument :

MSVOA_U

ClientSampleId :

PB122564TB

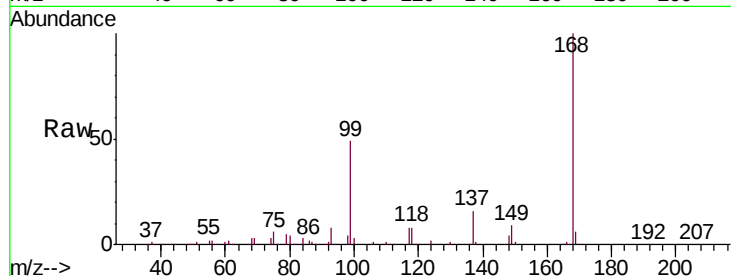
Tgt Ion:117 Resp: 32649

Ion Ratio Lower Upper

117 100

119 4.7 78.4 117.6#

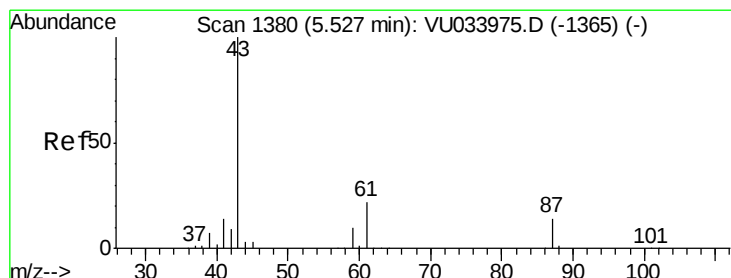
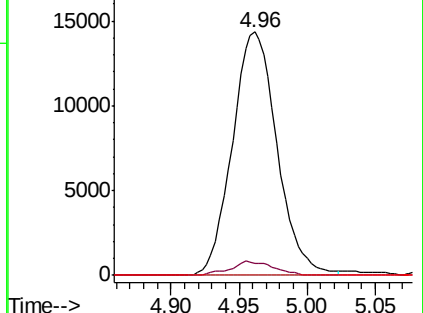
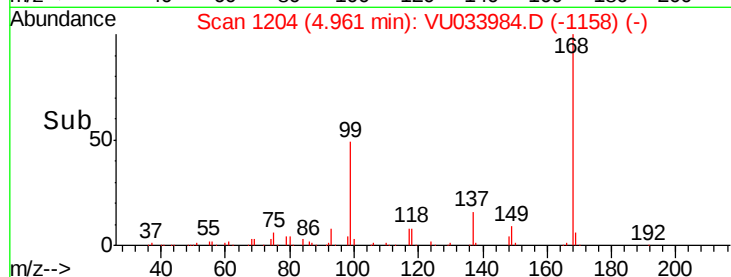
121 0.0 25.4 38.2#



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



#43

Isopropyl Acetate

Concen: 8.488 ug/l

RT: 5.53 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VU033984.D

Acq: 27 Aug 2019 19:53

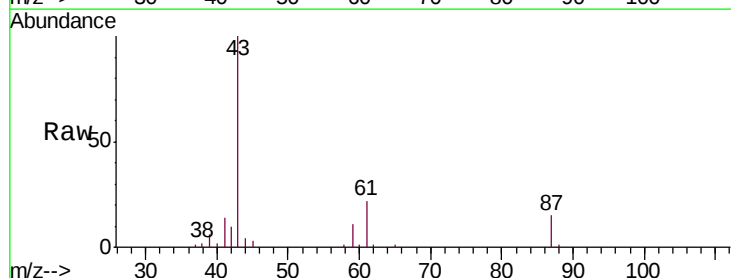
Tgt Ion: 43 Resp: 68805

Ion Ratio Lower Upper

43 100

61 21.6 17.8 26.8

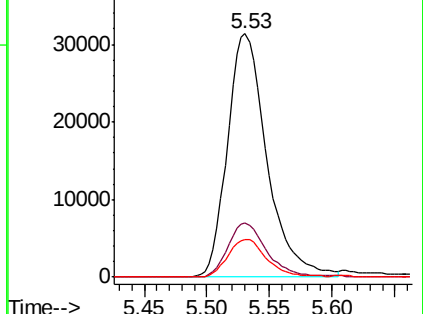
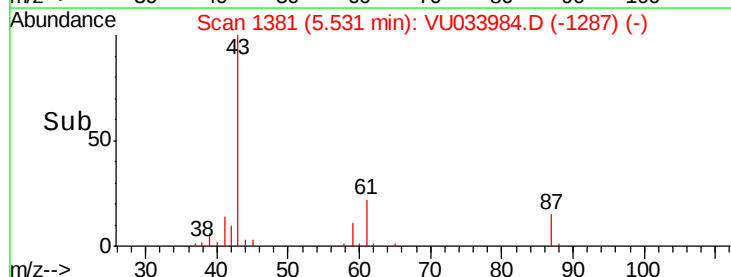
87 15.0 11.9 17.9

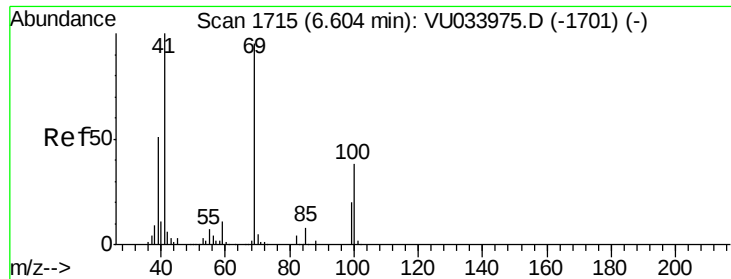


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

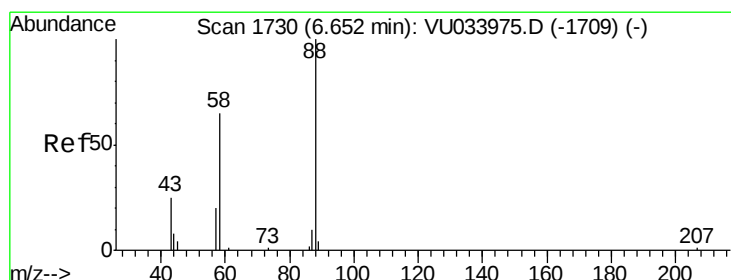
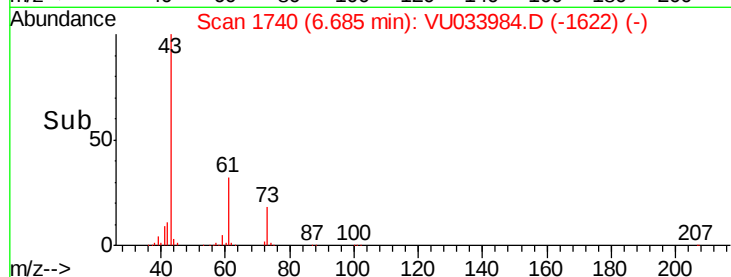
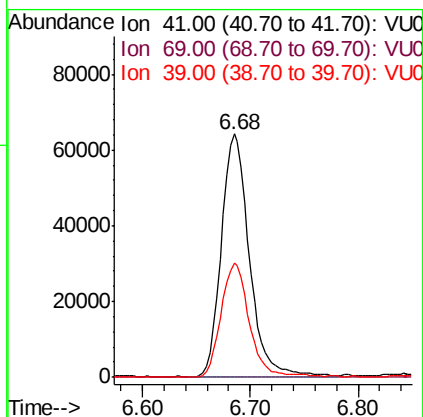
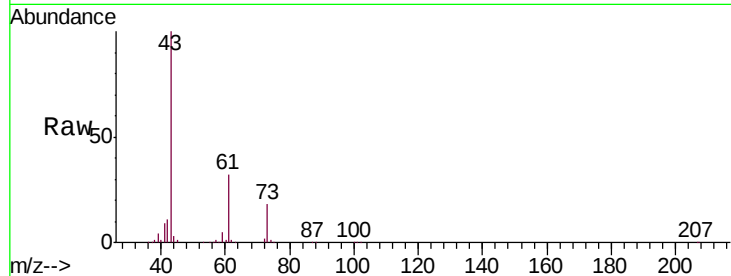




#48
Methyl methacrylate
Concen: 30.077 ug/l
RT: 6.68 min Scan# 1740
Delta R.T. 0.08 min
Lab File: VU033984.D
Acq: 27 Aug 2019 19:53

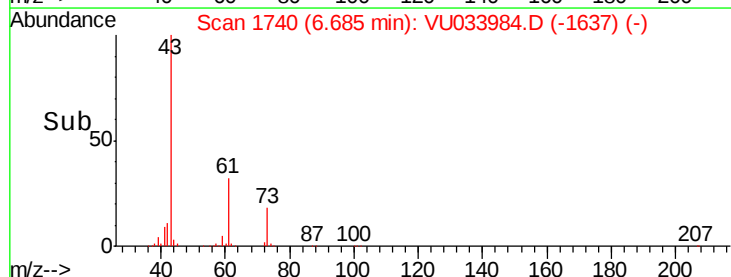
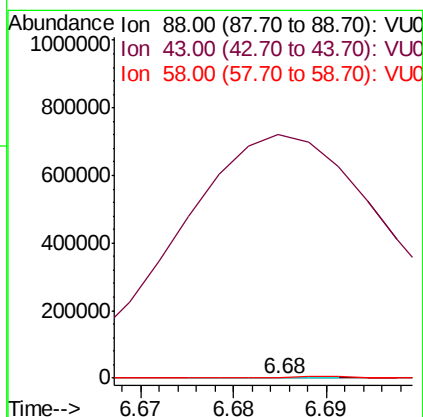
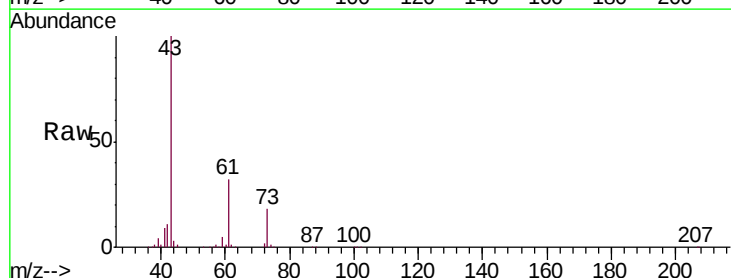
Instrument :
MSVOA_U
ClientSampleId :
PB122564TB

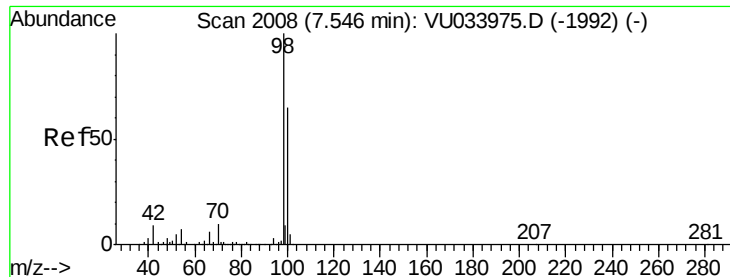
Tgt Ion: 41 Resp: 115915
Ion Ratio Lower Upper
41 100
69 0.1 76.3 114.5#
39 47.7 41.1 61.7



#49
1,4-Dioxane
Concen: 0.397 ug/l
RT: 6.68 min Scan# 1740
Delta R.T. 0.03 min
Lab File: VU033984.D
Acq: 27 Aug 2019 19:53

Tgt Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 3108364.3 0.0 0.0#
58 14973.8 56.6 85.0#

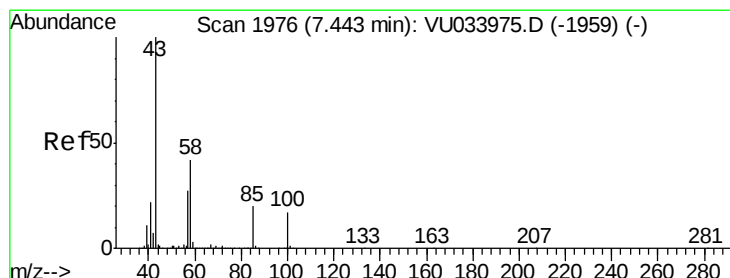
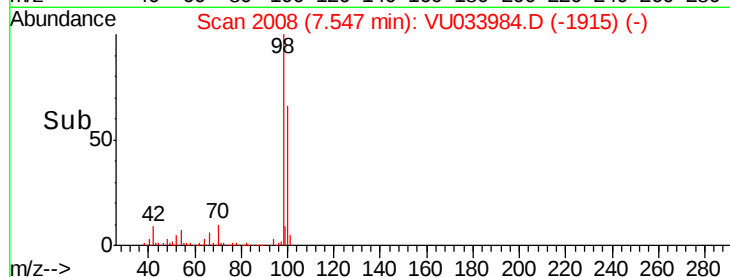
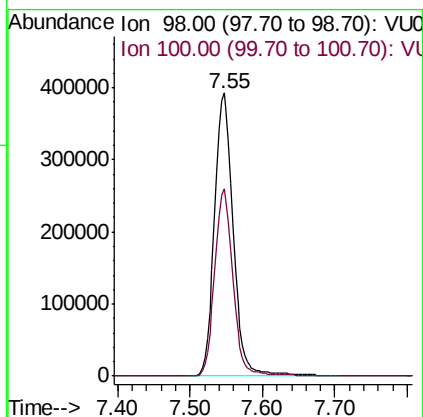
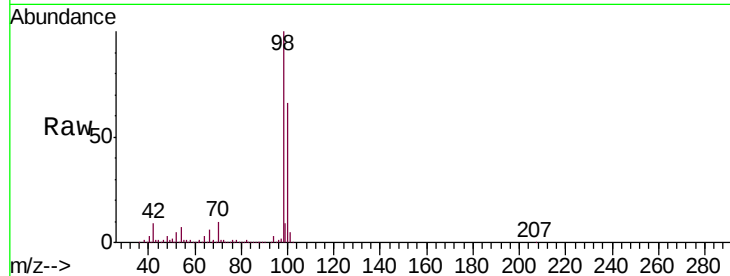




#50
Toluene-d8
Concen: 49.727 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU033984.D
Acq: 27 Aug 2019 19:53

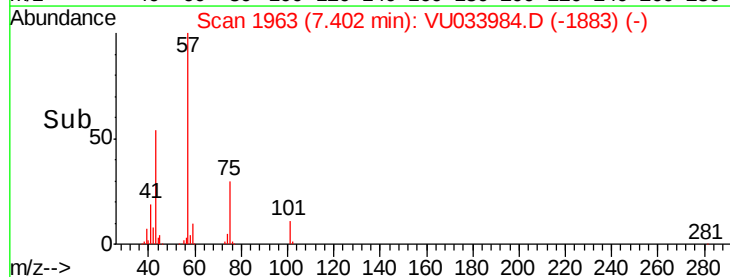
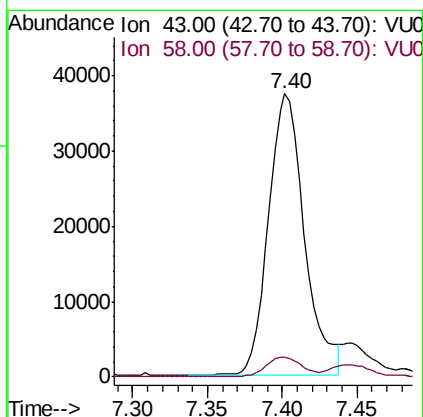
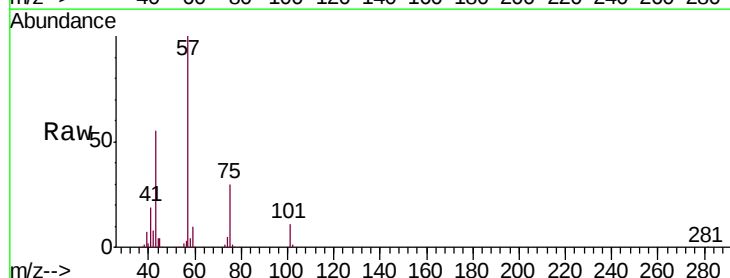
Instrument :
MSVOA_U
ClientSampleId :
PB122564TB

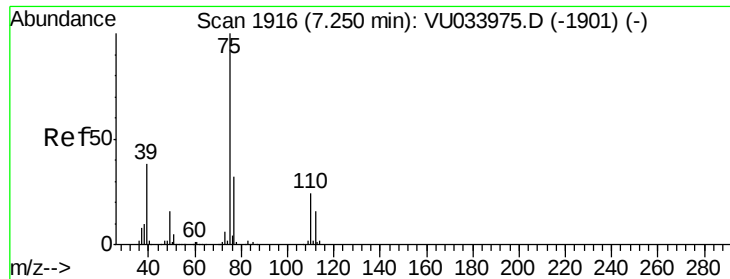
Tgt Ion: 98 Resp: 709505
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 11.231 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. -0.04 min
Lab File: VU033984.D
Acq: 27 Aug 2019 19:53

Tgt Ion: 43 Resp: 62767
Ion Ratio Lower Upper
43 100
58 6.9 33.6 50.4#



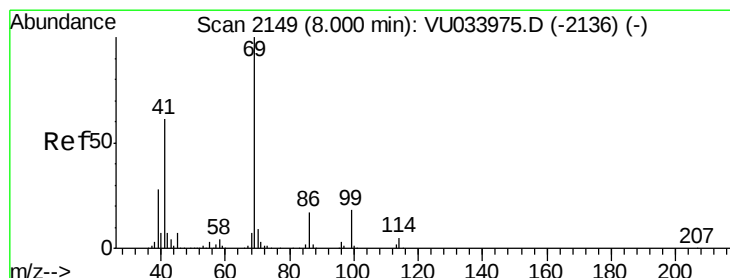
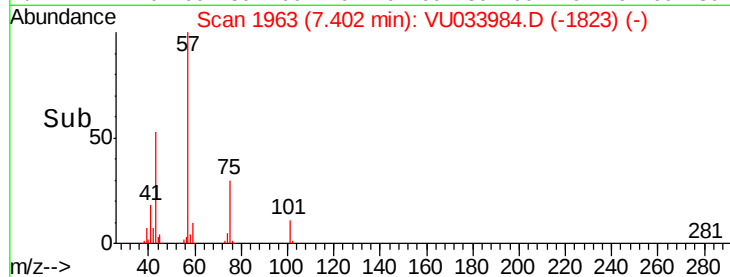
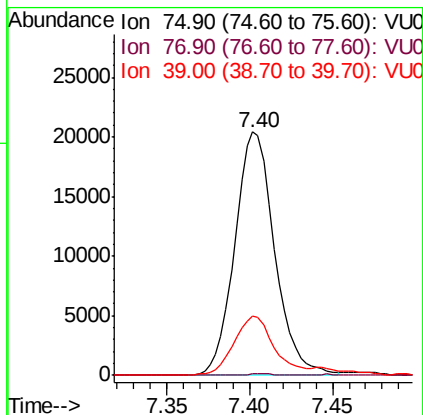
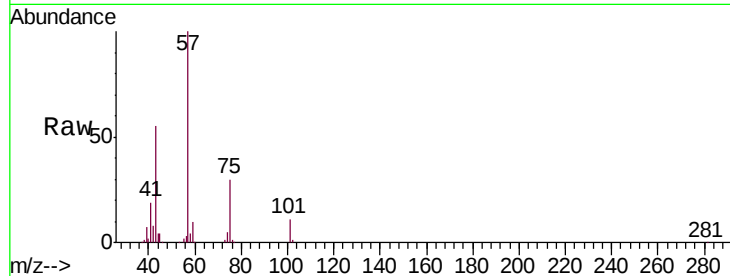


#54

cis-1,3-Dichloropropene
Concen: 5.250 ug/l
RT: 7.40 min Scan# 1963
Delta R.T. 0.15 min
Lab File: VU033984.D
Acq: 27 Aug 2019 19:53

Instrument :
MSVOA_U
ClientSampleId :
PB122564TB

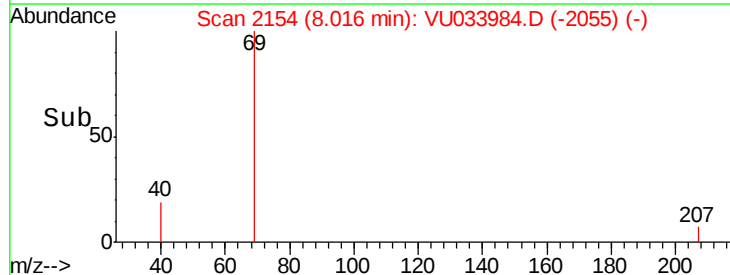
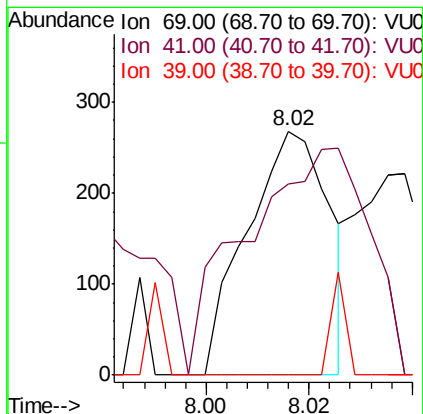
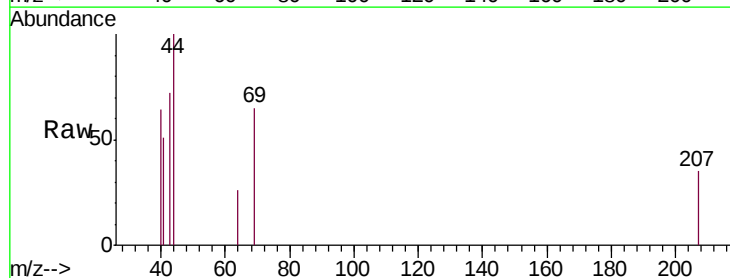
Tgt Ion: 75 Resp: 34081
Ion Ratio Lower Upper
75 100
77 0.6 25.6 38.4#
39 24.2 30.7 46.1#

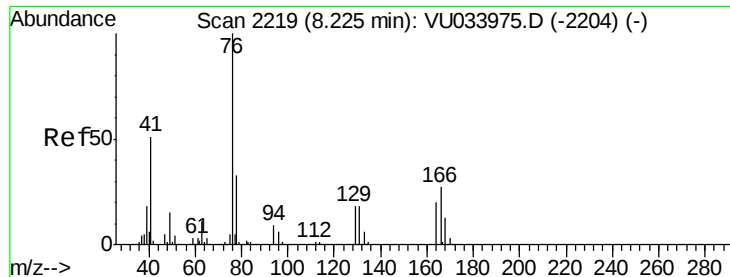


#56

Ethyl methacrylate
Concen: 2.557 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.02 min
Lab File: VU033984.D
Acq: 27 Aug 2019 19:53

Tgt Ion: 69 Resp: 296
Ion Ratio Lower Upper
69 100
41 0.0 48.6 72.8#
39 0.0 22.4 33.6#





#57

1,3-Dichloropropane

Concen: 0.907 ug/l

RT: 8.40 min Scan# 2272

Delta R.T. 0.17 min

Lab File: VU033984.D

Acq: 27 Aug 2019 19:53

Instrument :

MSVOA_U

ClientSampleId :

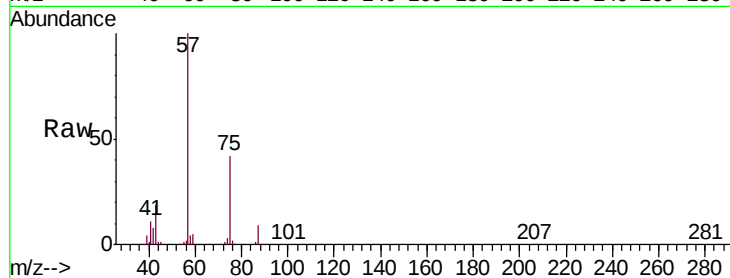
PB122564TB

Tgt Ion: 76 Resp: 6169

Ion Ratio Lower Upper

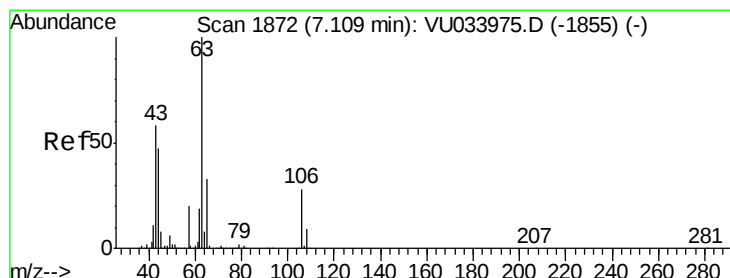
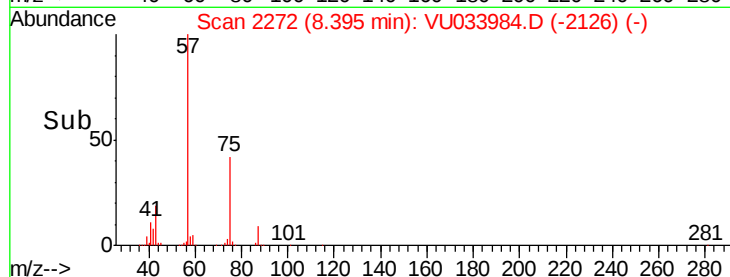
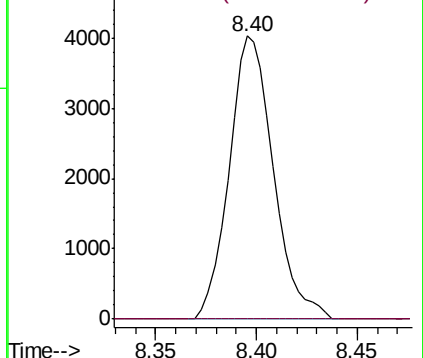
76 100

78 0.0 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 16.222 ug/l

RT: 7.13 min Scan# 1880

Delta R.T. 0.03 min

Lab File: VU033984.D

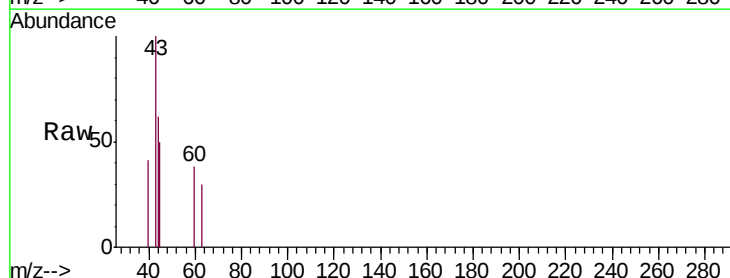
Acq: 27 Aug 2019 19:53

Tgt Ion: 63 Resp: 49

Ion Ratio Lower Upper

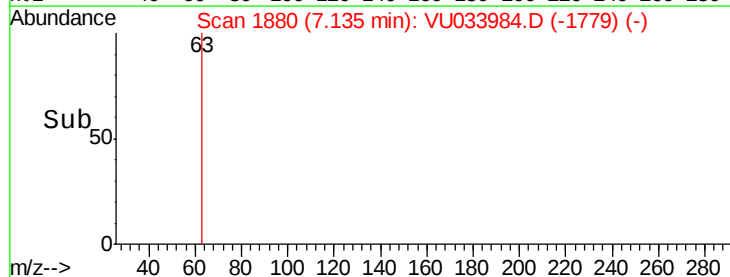
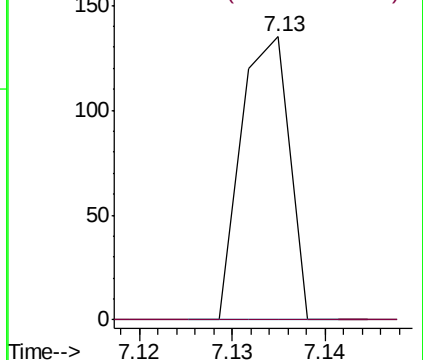
63 100

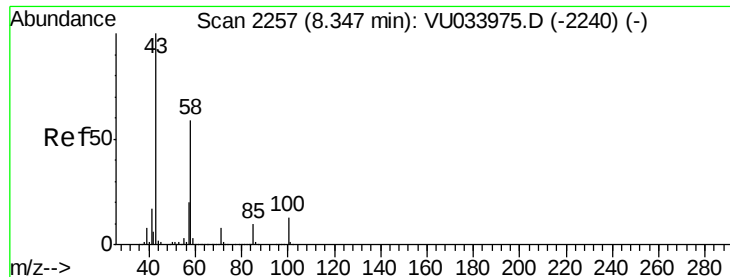
106 0.0 22.4 33.6#



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V

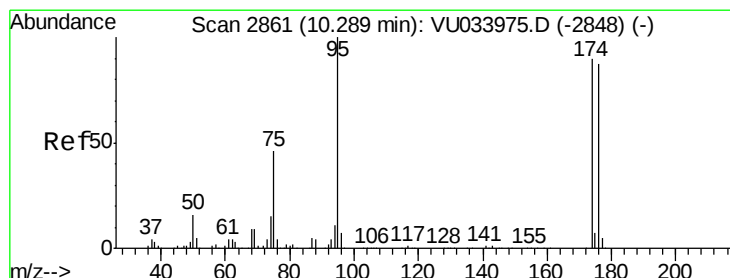
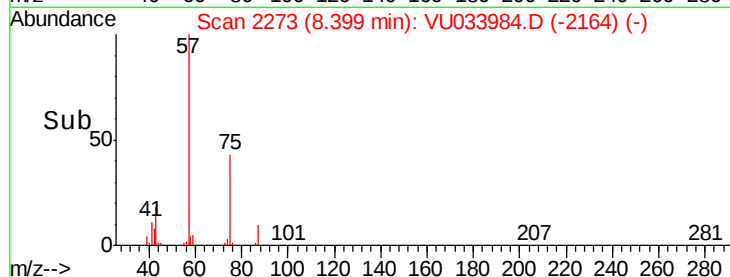
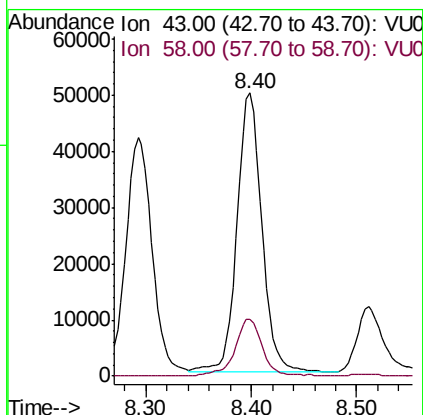
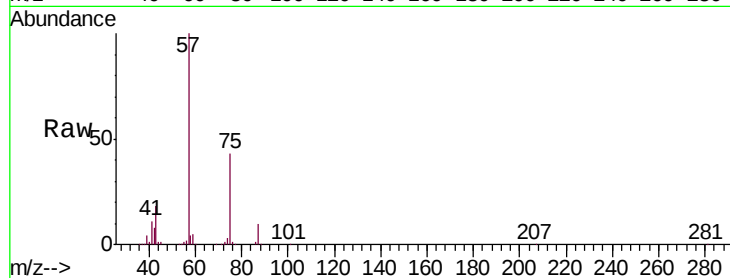




#59
2-Hexanone
Concen: 18.864 ug/l
RT: 8.40 min Scan# 2273
Delta R.T. 0.05 min
Lab File: VU033984.D
Acq: 27 Aug 2019 19:53

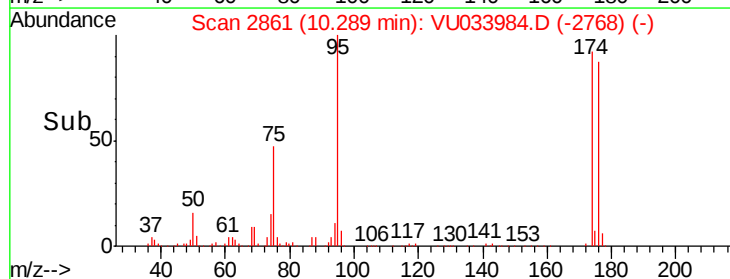
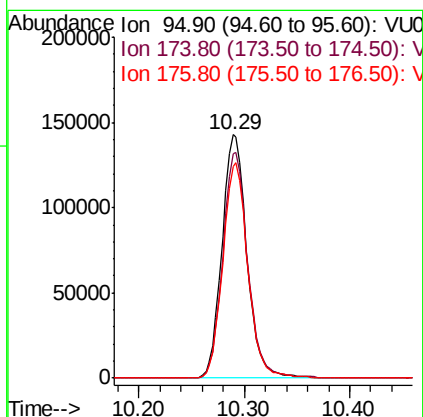
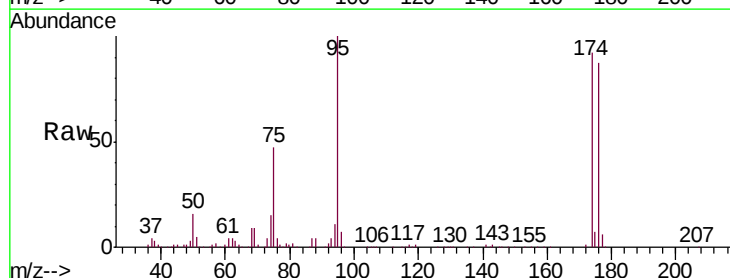
Instrument :
MSVOA_U
ClientSampleId :
PB122564TB

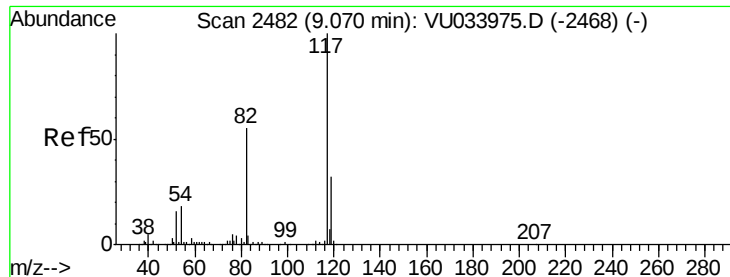
Tgt Ion: 43 Resp: 81034
Ion Ratio Lower Upper
43 100
58 22.5 29.5 88.6#



#62
4-Bromofluorobenzene
Concen: 42.675 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU033984.D
Acq: 27 Aug 2019 19:53

Tgt Ion: 95 Resp: 233565
Ion Ratio Lower Upper
95 100
174 93.4 0.0 183.8
176 88.9 0.0 176.4

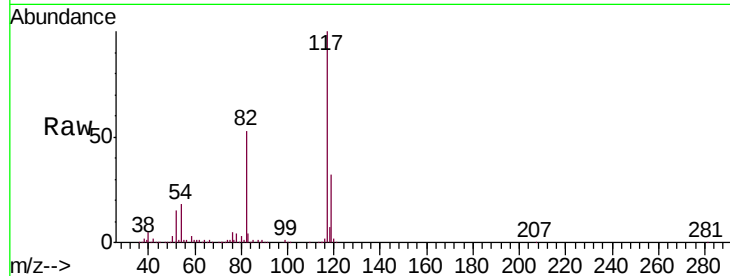




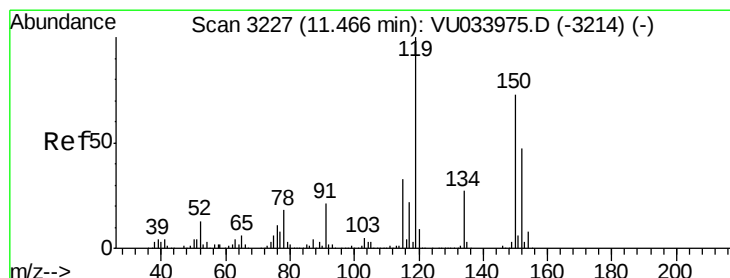
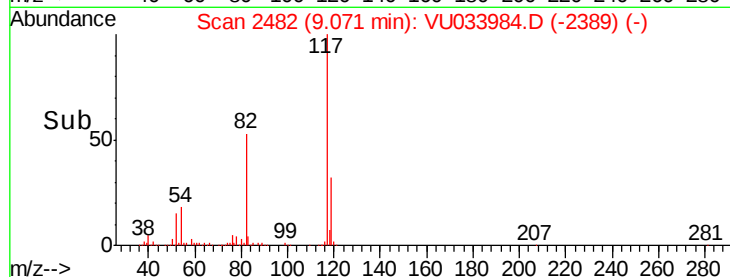
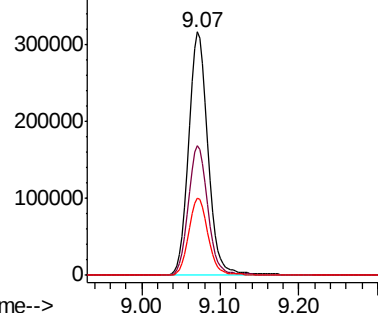
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU033984.D
Acq: 27 Aug 2019 19:53

Instrument :
MSVOA_U
ClientSampleId :
PB122564TB

Tgt Ion:117 Resp: 537908
Ion Ratio Lower Upper
117 100
82 53.4 43.8 65.8
119 31.9 25.7 38.5

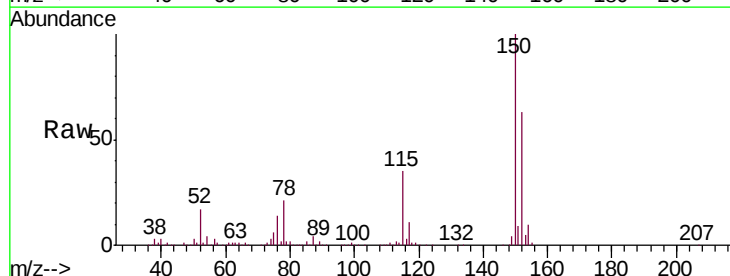


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

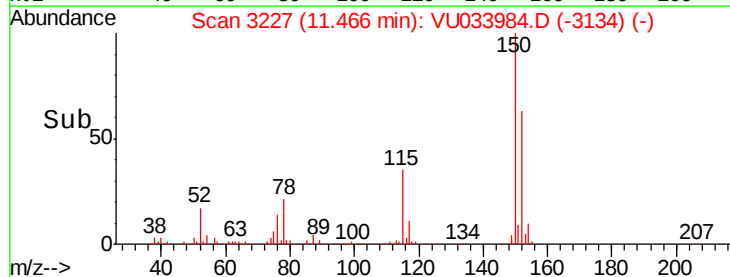
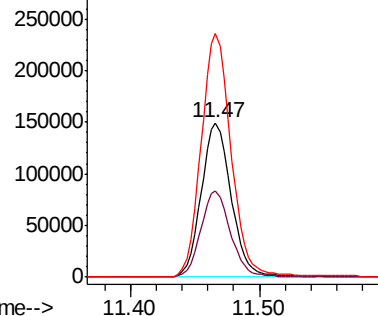


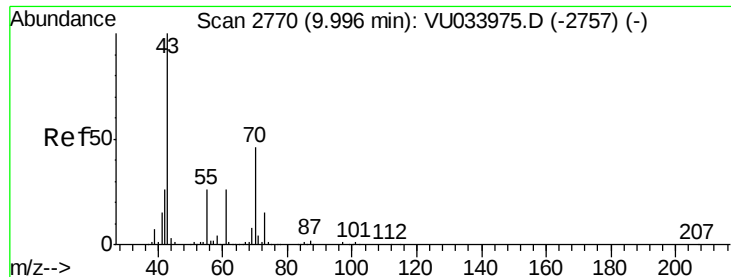
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU033984.D
Acq: 27 Aug 2019 19:53

Tgt Ion:152 Resp: 241543
Ion Ratio Lower Upper
152 100
115 55.4 38.6 115.7
150 157.6 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-amyI acetate

Concen: 0.447 ug/l

RT: 9.92 min Scan# 2745

Delta R.T. -0.08 min

Lab File: VU033984.D

Acq: 27 Aug 2019 19:53

Instrument :

MSVOA_U

ClientSampleId :

PB122564TB

Tgt Ion: 43 Resp: 2607

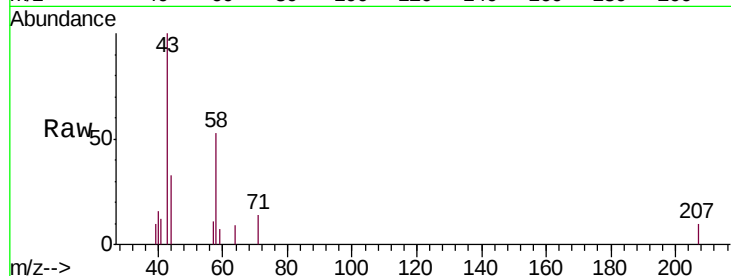
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.0#

55 3.1 21.0 31.4#

61 0.0 20.9 31.3#

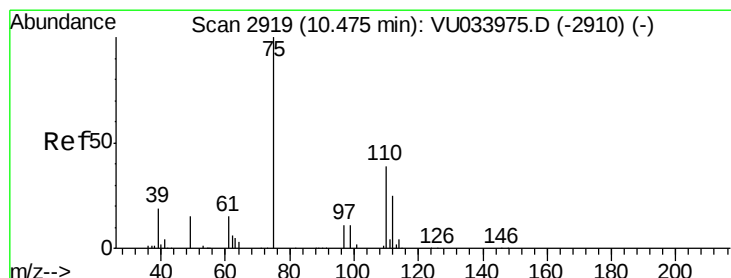
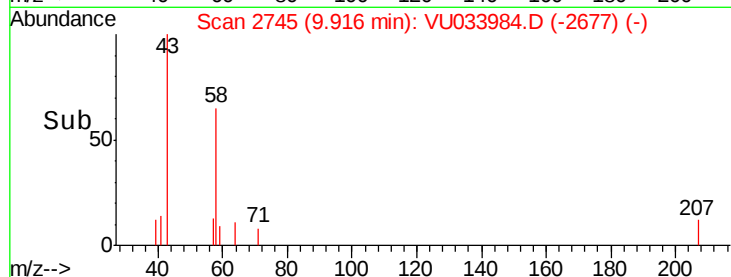
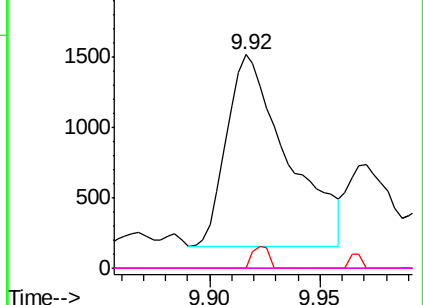


Abundance Ion 43.00 (42.70 to 43.70): VU0

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: 22.762 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.19 min

Lab File: VU033984.D

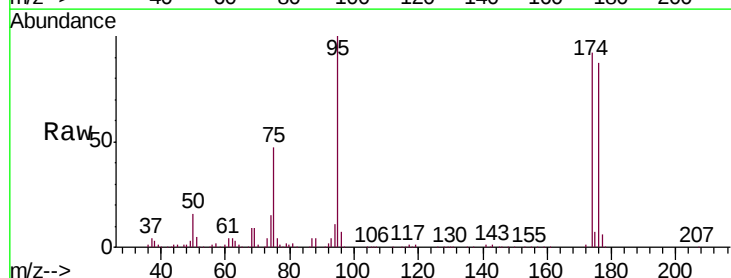
Acq: 27 Aug 2019 19:53

Tgt Ion: 75 Resp: 109545

Ion Ratio Lower Upper

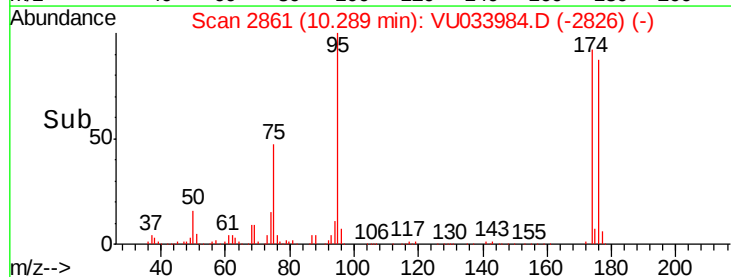
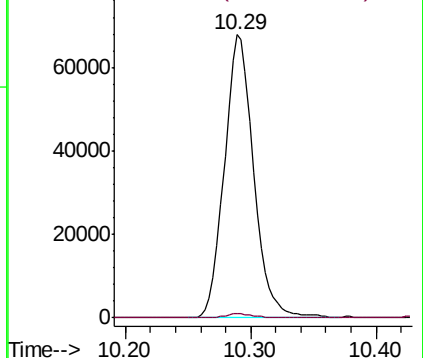
75 100

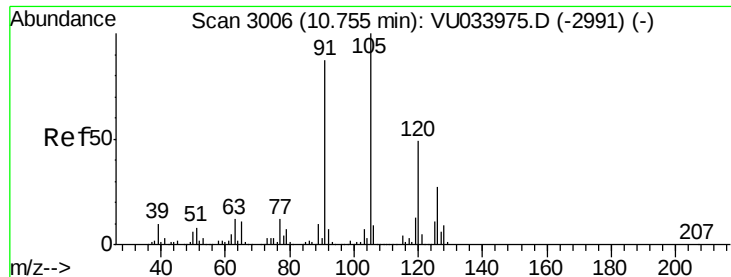
77 1.4 21.0 63.0#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#80

1,3,5-Trimethylbenzene

Concen: 0.941 ug/l

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU033984.D

Acq: 27 Aug 2019 19:53

Instrument :

MSVOA_U

ClientSampleId :

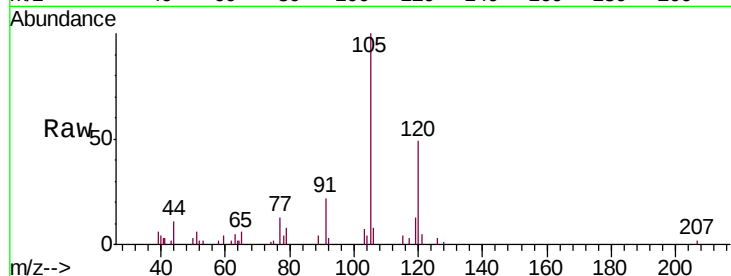
PB122564TB

Tgt Ion:105 Resp: 12527

Ion Ratio Lower Upper

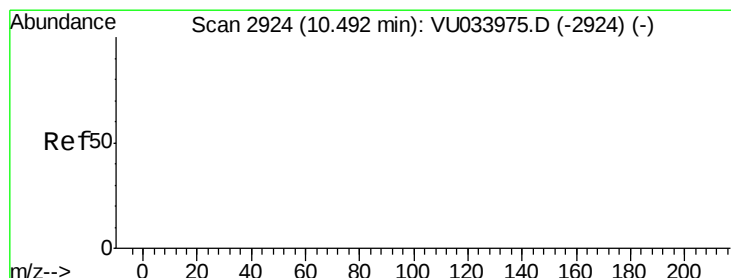
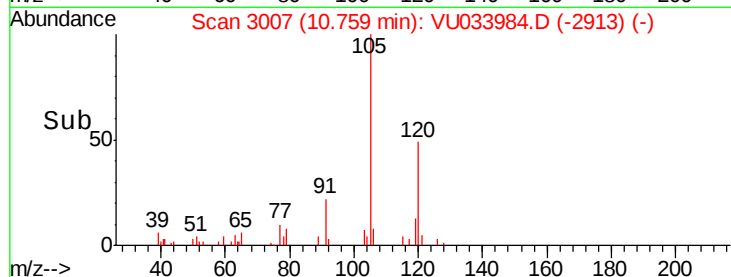
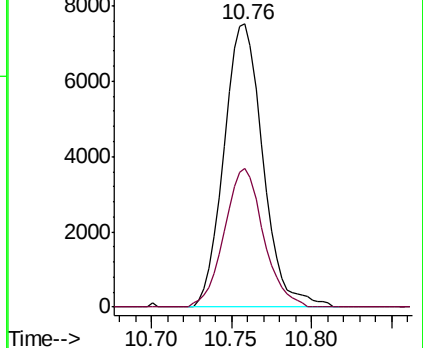
105 100

120 49.1 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 65.194 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. -0.20 min

Lab File: VU033984.D

Acq: 27 Aug 2019 19:53

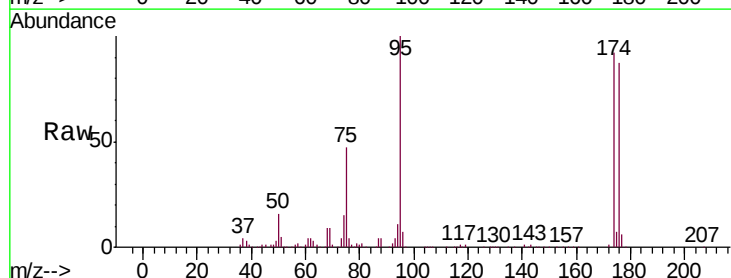
Tgt Ion: 75 Resp: 109545

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0#

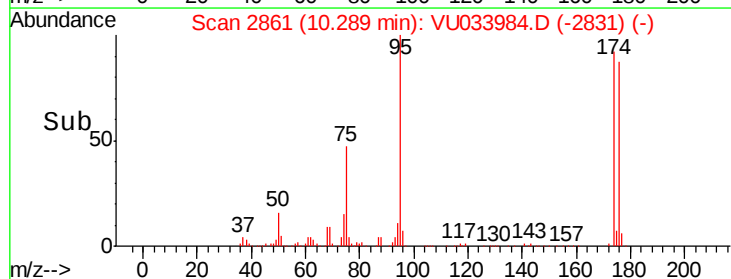
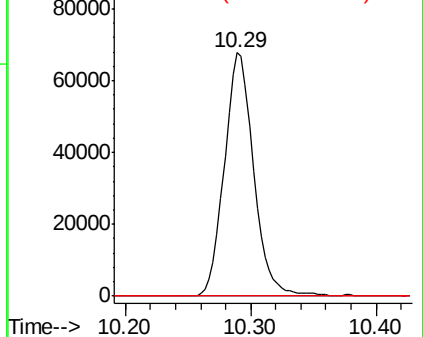
89 0.0 0.0 0.0

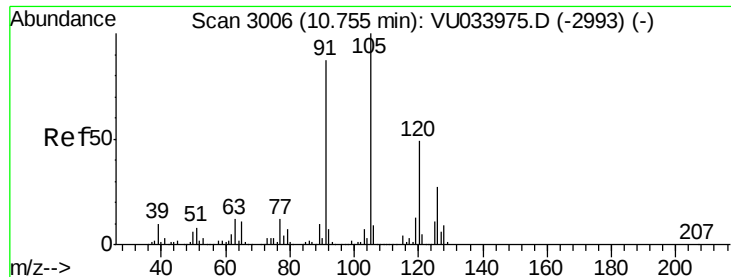


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

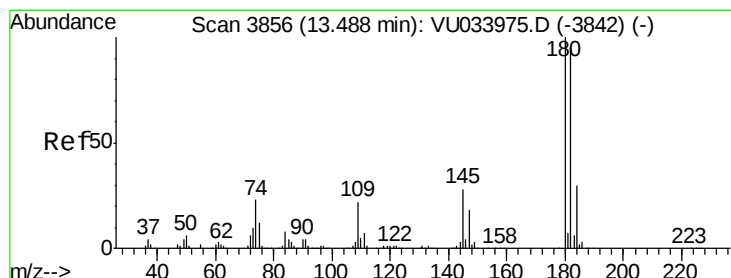
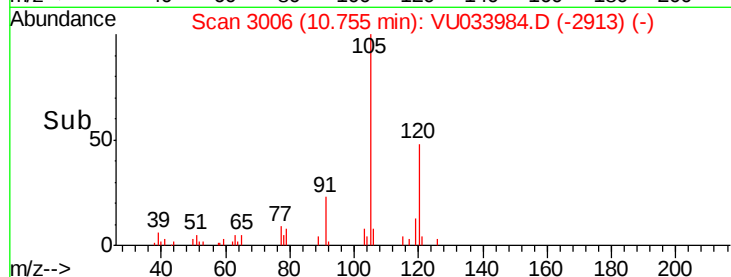
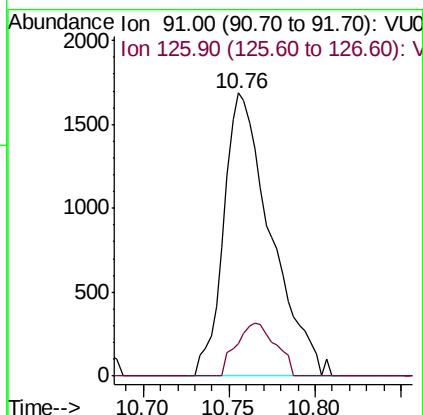
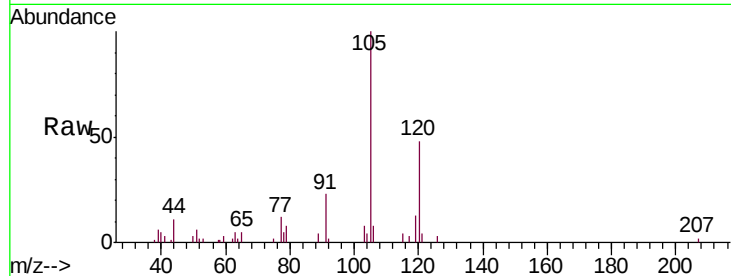




#82
 4-Chlorotoluene
 Concen: 0.260 ug/l
 RT: 10.76 min Scan# 3006
 Delta R.T. 0.00 min
 Lab File: VU033984.D
 Acq: 27 Aug 2019 19:53

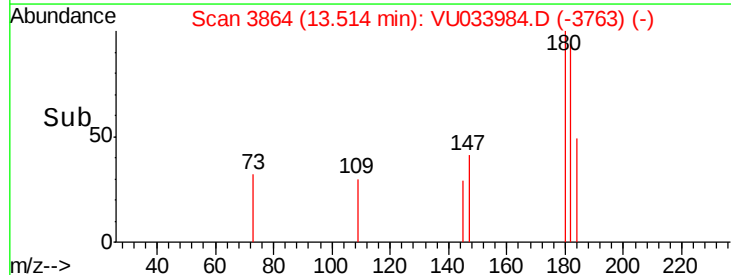
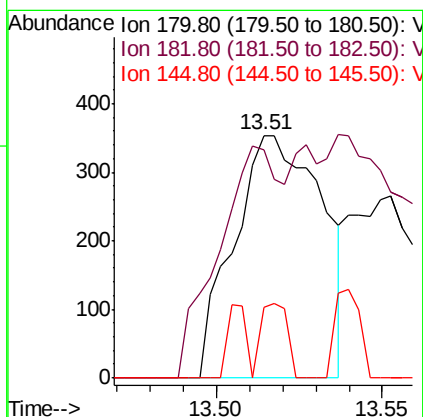
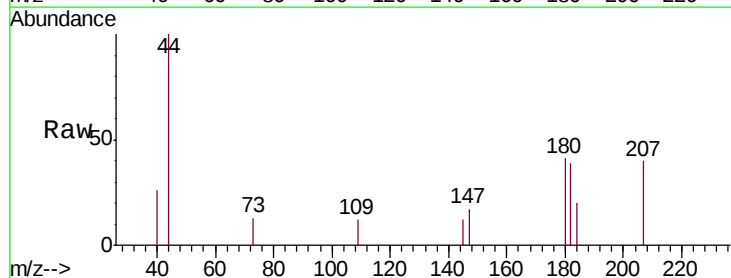
Instrument :
 MSVOA_U
 ClientSampleId :
 PB122564TB

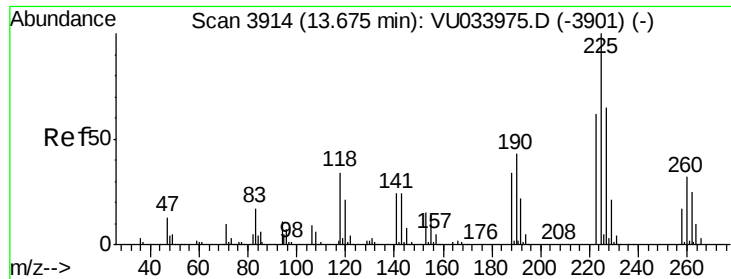
Tgt Ion: 91 Resp: 3205
 Ion Ratio Lower Upper
 91 100
 126 15.5 15.4 46.4



#93
 1,2,4-Trichlorobenzene
 Concen: 1.858 ug/l
 RT: 13.51 min Scan# 3864
 Delta R.T. 0.03 min
 Lab File: VU033984.D
 Acq: 27 Aug 2019 19:53

Tgt Ion: 180 Resp: 653
 Ion Ratio Lower Upper
 180 100
 182 69.4 47.4 142.2
 145 9.3 14.4 43.2#





#94

Hexachlorobutadiene

Concen: 0.231 ug/l

RT: 13.68 min Scan# 3915

Delta R.T. 0.00 min

Lab File: VU033984.D

Acq: 27 Aug 2019 19:53

Instrument :

MSVOA_U

ClientSampleId :

PB122564TB

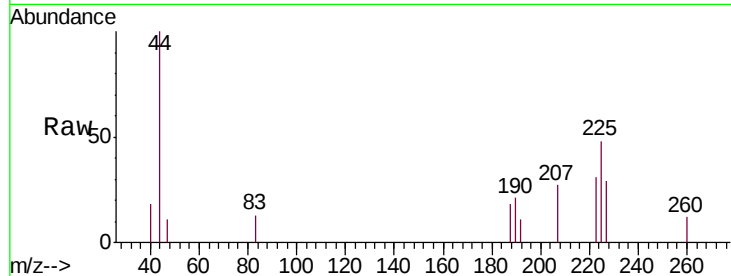
Tgt Ion:225 Resp: 725

Ion Ratio Lower Upper

225 100

223 46.5 31.7 95.1

227 57.5 33.0 99.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

13.68

400

300

200

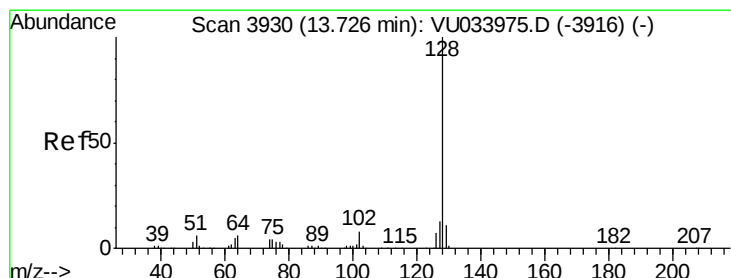
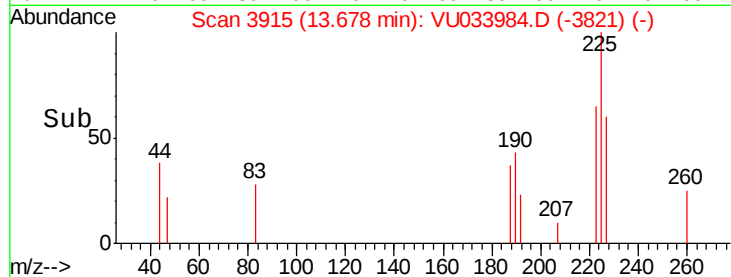
100

0

13.65

13.70

Time-->



#95

Naphthalene

Concen: 2.232 ug/l

RT: 13.75 min Scan# 3938

Delta R.T. 0.03 min

Lab File: VU033984.D

Acq: 27 Aug 2019 19:53

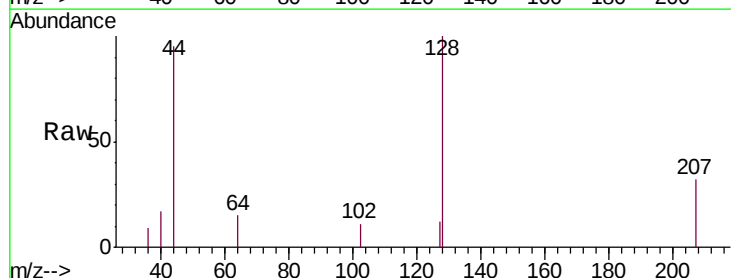
Tgt Ion:128 Resp: 2313

Ion Ratio Lower Upper

128 100

127 9.5 10.2 15.4#

129 10.7 8.5 12.7



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

13.75

1500

1000

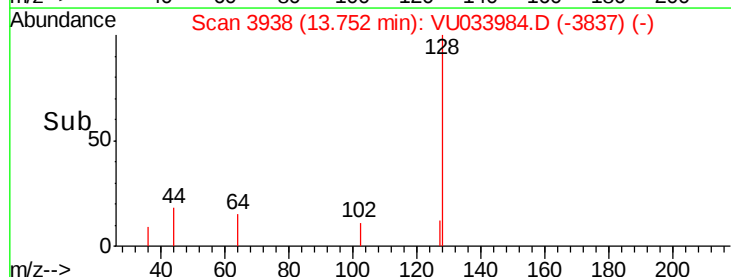
500

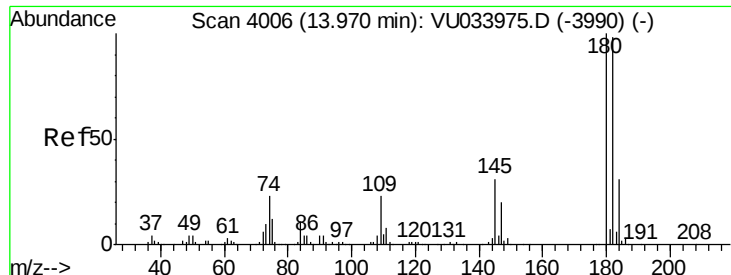
0

13.70

13.75

Time-->





#96
 1,2,3-Trichlorobenzene
 Concen: 0.342 ug/l
 RT: 13.99 min Scan# 4012
 Delta R.T. 0.02 min
 Lab File: VU033984.D
 Acq: 27 Aug 2019 19:53

Instrument :
 MSVOA_U
 ClientSampleId :
 PB122564TB

Tgt Ion	Ratio	Lower	Upper
180	100		
182	34.9	48.4	145.3#
145	0.0	15.1	45.3#

