

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071218\
 Data File : VU025375.D
 Acq On : 13 Jul 2018 06:27
 Operator : MD/SY
 Sample : J3947-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PAR-1

Quant Time: Jul 13 06:55:32 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 10 09:34:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	192179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	300691	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	277558	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	146794	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	151947	50.89	ug/l	0.00
Spiked Amount			Recovery	=	101.78%	
35) Dibromofluoromethane	4.89	113	118437	46.69	ug/l	0.00
Spiked Amount			Recovery	=	93.38%	
50) Toluene-d8	7.57	98	430047	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	10.31	95	157377	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	

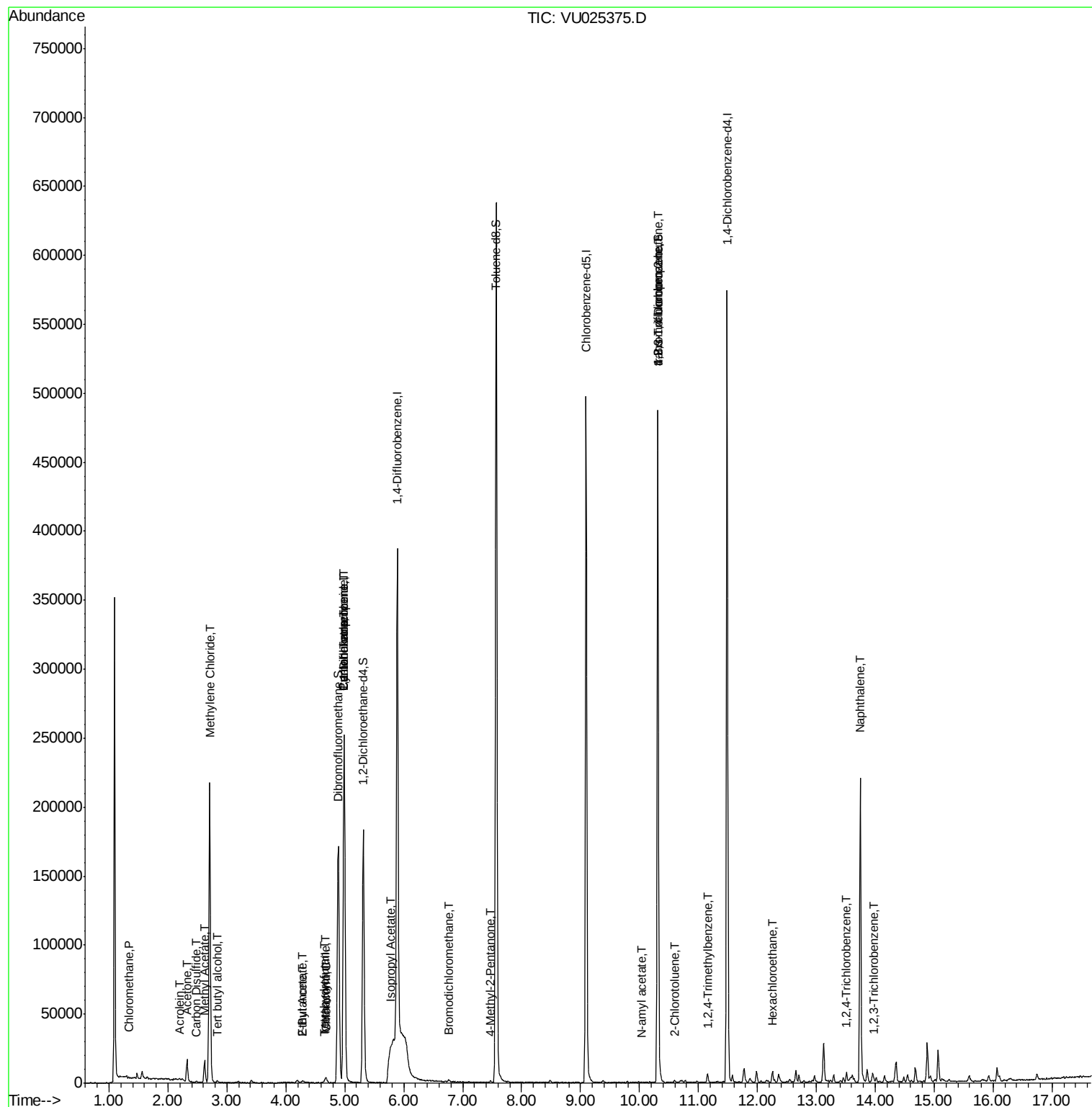
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	311	0.72	ug/l #	42
5) Bromomethane	1.63	94	130	Below Cal	#	3
11) Tert butyl alcohol	2.84	59	1159	1.78	ug/l #	73
13) Acrolein	2.19	56	103	0.24	ug/l #	75
16) Acetone	2.32	43	17177	15.92	ug/l	97
17) Carbon Disulfide	2.49	76	756	2.06	ug/l #	74
18) Methyl Acetate	2.62	43	19695	6.44	ug/l	95
20) Methylene Chloride	2.71	84	95668	41.54	ug/l	99
25) 2-Butanone	4.27	43	3230	1.56	ug/l	98
29) Tetrahydrofuran	4.64	42	387	0.31	ug/l	93
30) Chloroform	4.68	83	4157	0.96	ug/l	95
31) Cyclohexane	4.99	56	3767	1.73	ug/l #	1
36) 1,1-Dichloropropene	4.99	75	14305	4.28	ug/l #	50
37) Ethyl Acetate	4.27	43	3230	0.87	ug/l #	69
38) Carbon Tetrachloride	4.99	117	18330	5.09	ug/l #	17
41) Methacrylonitrile	4.66	41	469	0.23	ug/l #	36
43) Isopropyl Acetate	5.77	43	23378	3.92	ug/l #	61
47) Bromodichloromethane	6.76	83	1333	0.39	ug/l #	74
51) 4-Methyl-2-Pentanone	7.47	43	1041	0.27	ug/l #	75
74) N-amyl acetate	10.03	43	22	1.27	ug/l #	43
76) 1,2,3-Trichloropropane	10.31	75	81718	27.37	ug/l #	36
79) 2-Chlorotoluene	10.59	91	1564	0.36	ug/l #	40
81) trans-1,4-Dichloro-2-buten	10.31	75	81718	69.88	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.16	105	3882	0.40	ug/l	98
90) Hexachloroethane	12.25	117	552	0.33	ug/l #	7
93) 1,2,4-Trichlorobenzene	13.51	180	251	3.35	ug/l #	10
95) Naphthalene	13.74	128	176982	18.04	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	95	2.55	ug/l #	64

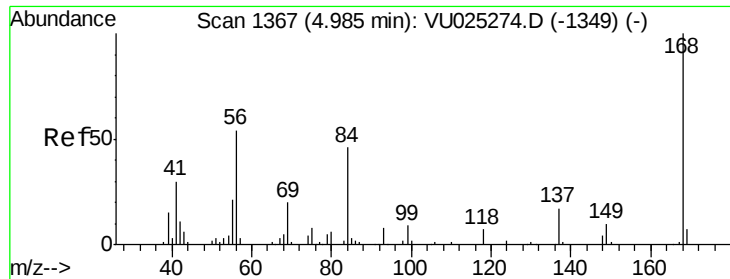
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071218\
Data File : VU025375.D
Acq On : 13 Jul 2018 06:27
Operator : MD/SY
Sample : J3947-02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PAR-1

Quant Time: Jul 13 06:55:32 2018
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070918W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 10 09:34:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

Instrument :

MSVOA_U

ClientSampleId :

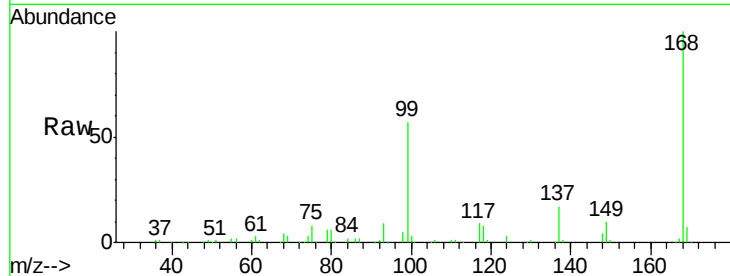
PAR-1

Tot Ion:168 Resp: 192179

Ion Ratio Lower Upper

168 100

99 56.5 42.8 64.2



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

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

4.99

80000

60000

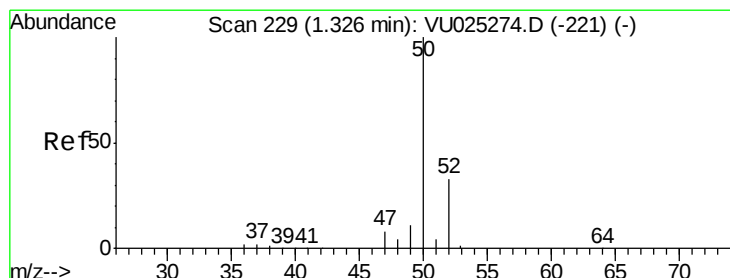
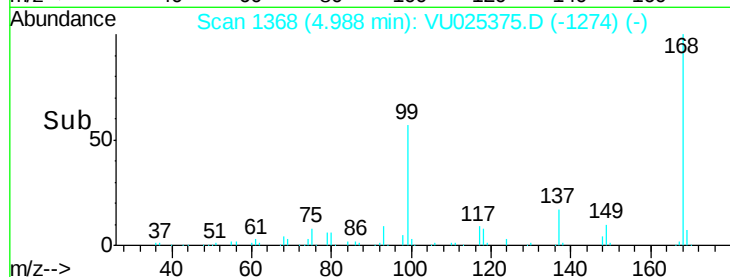
40000

20000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#3

Chloromethane

Concen: 0.72 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU025375.D

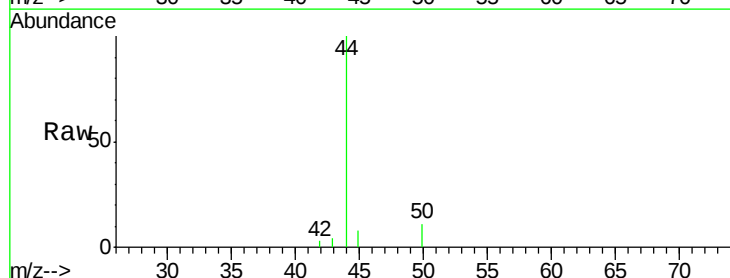
Acq: 13 Jul 2018 06:27

Tgt Ion: 50 Resp: 311

Ion Ratio Lower Upper

50 100

52 0.0 26.5 39.7#



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

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

1.33

400

300

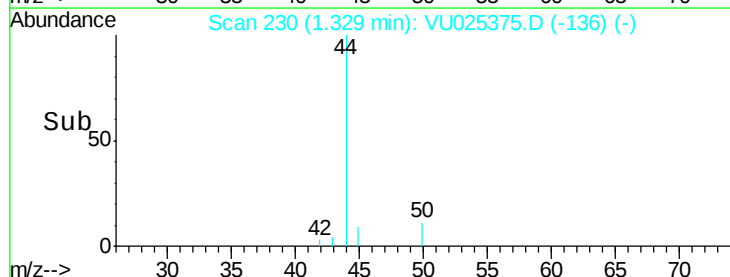
200

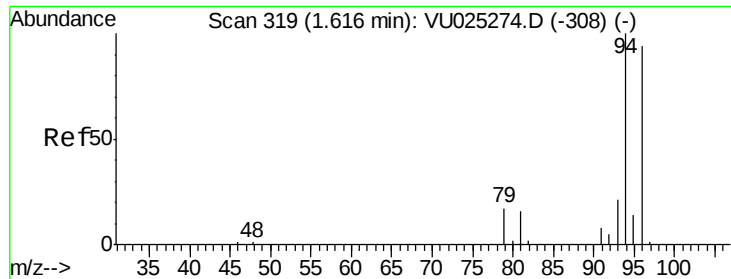
100

0

1.30 1.32 1.34

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 323

Delta R.T. 0.01 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

Instrument :

MSVOA_U

ClientSampleId :

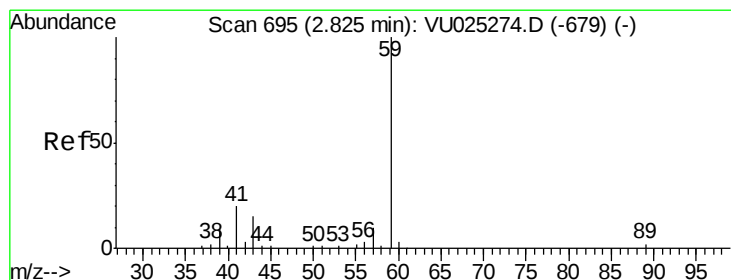
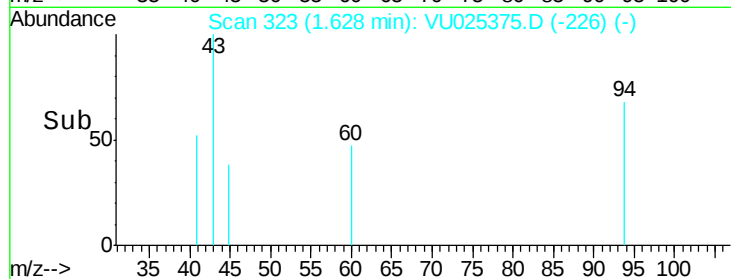
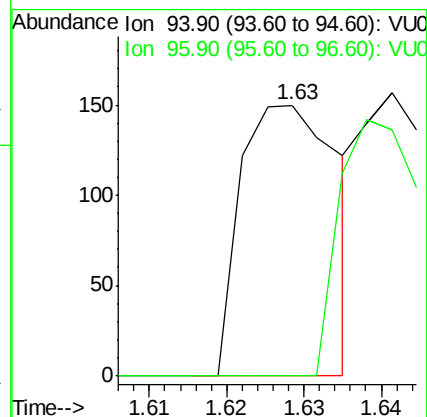
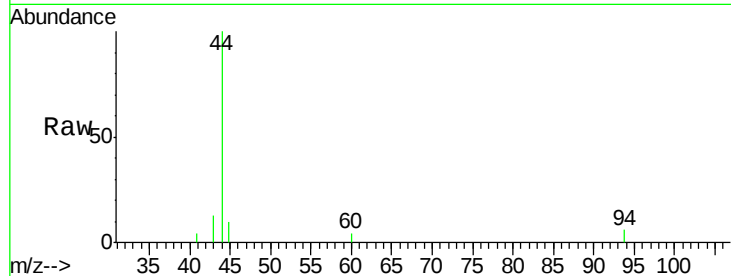
PAR-1

Tot Ion: 94 Resp: 130

Ion Ratio Lower Upper

94 100

96 0.0 75.0 112.4#



#11

Tert butyl alcohol

Concen: 1.78 ug/l

RT: 2.84 min Scan# 699

Delta R.T. 0.01 min

Lab File: VU025375.D

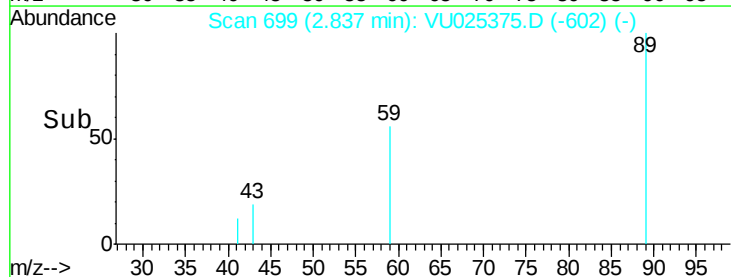
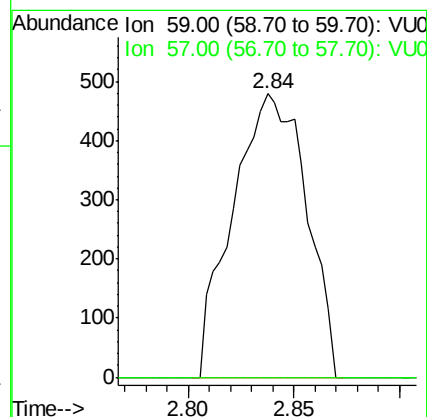
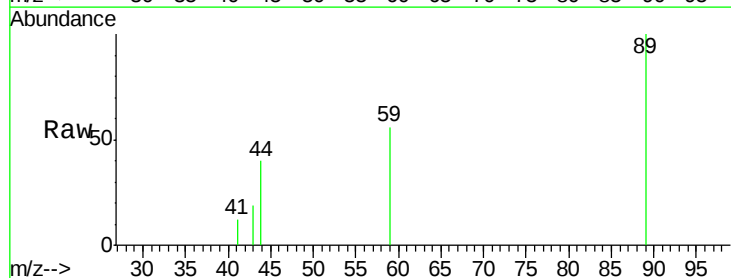
Acq: 13 Jul 2018 06:27

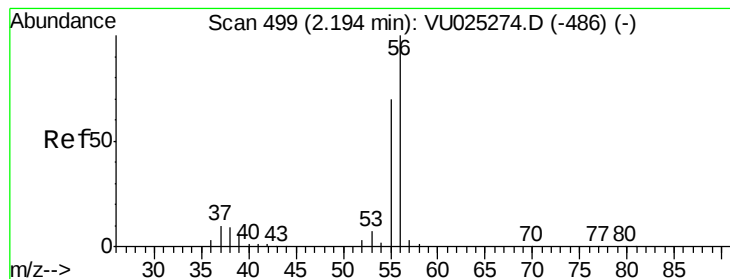
Tgt Ion: 59 Resp: 1159

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#13

Acrolein

Concen: 0.24 ug/l

RT: 2.19 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

Instrument :

MSVOA_U

ClientSampleId :

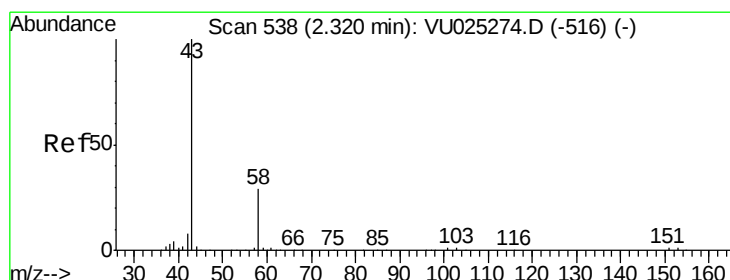
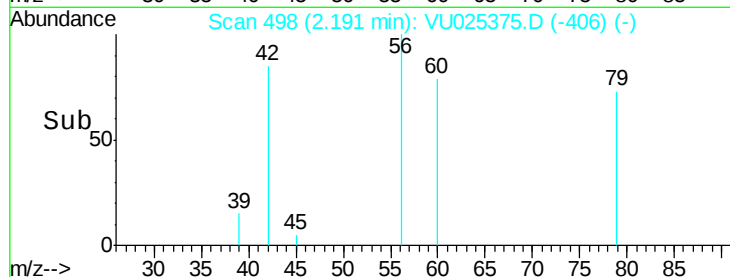
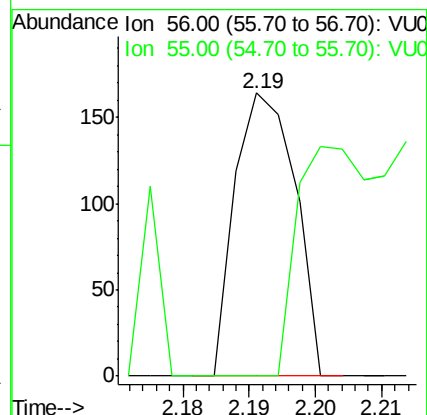
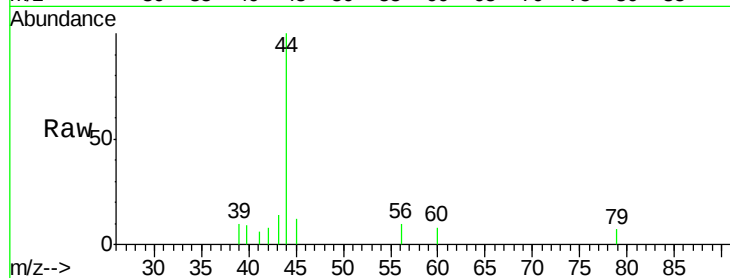
PAR-1

Tot Ion: 56 Resp: 103

Ion Ratio Lower Upper

56 100

55 92.2 57.2 85.8#



#16

Acetone

Concen: 15.92 ug/l

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025375.D

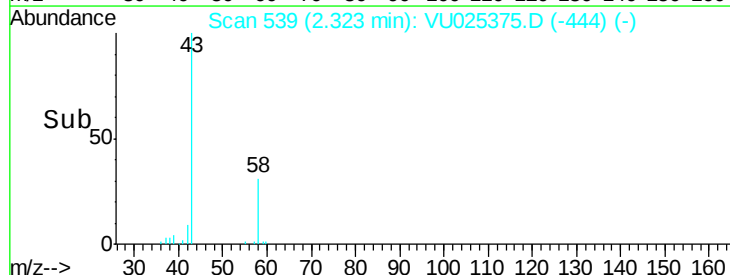
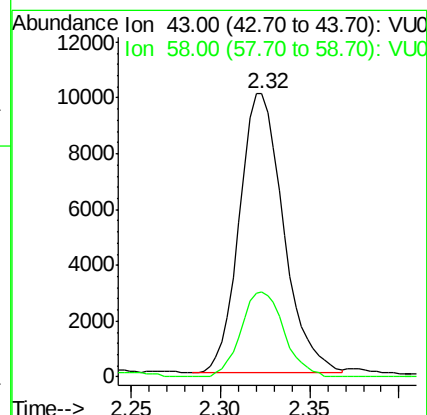
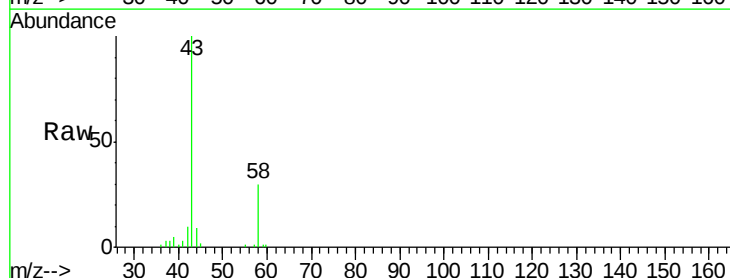
Acq: 13 Jul 2018 06:27

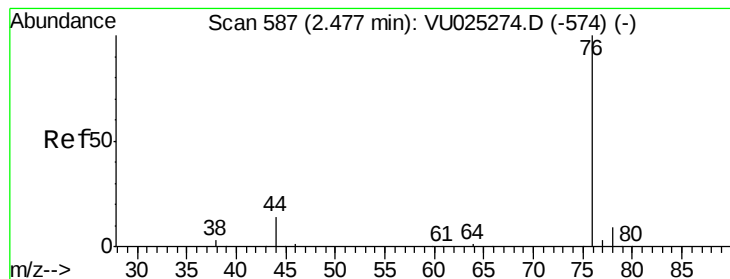
Tgt Ion: 43 Resp: 17177

Ion Ratio Lower Upper

43 100

58 30.5 23.1 34.7





#17

Carbon Disulfide

Concen: 2.06 ug/l

RT: 2.49 min Scan# 590

Delta R.T. 0.01 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

Instrument :

MSVOA_U

ClientSampled :

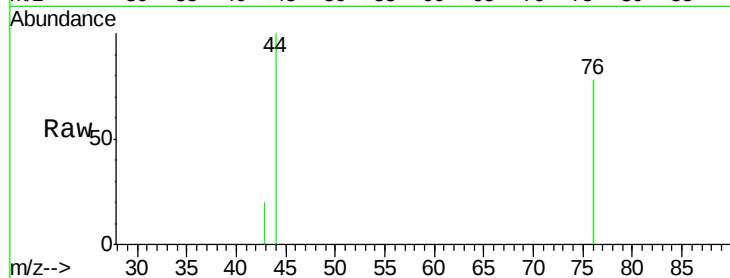
PAR-1

Tot Ion: 76 Resp: 756

Ion Ratio Lower Upper

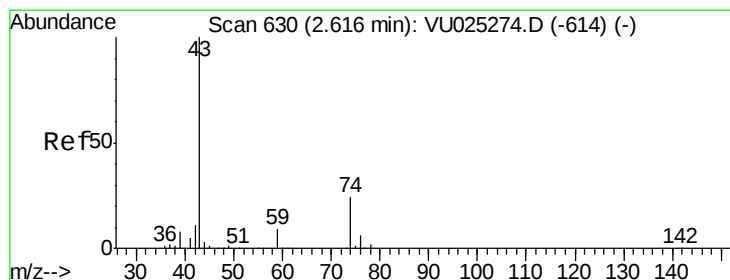
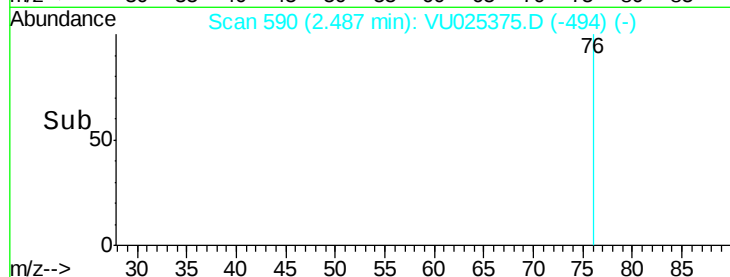
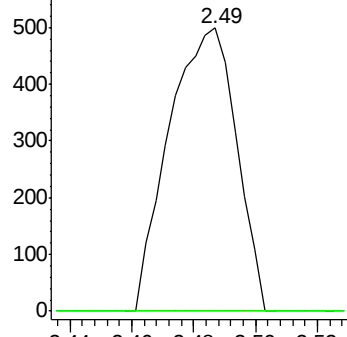
76 100

78 0.0 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#18

Methyl Acetate

Concen: 6.44 ug/l

RT: 2.62 min Scan# 631

Delta R.T. 0.00 min

Lab File: VU025375.D

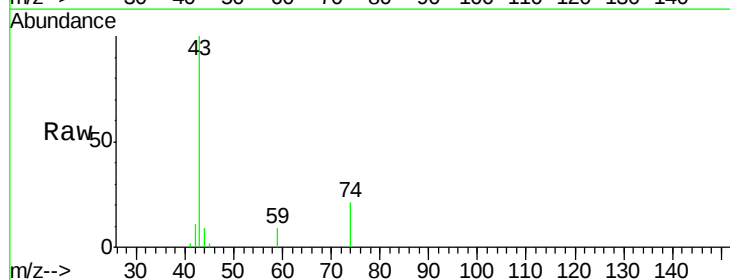
Acq: 13 Jul 2018 06:27

Tgt Ion: 43 Resp: 19695

Ion Ratio Lower Upper

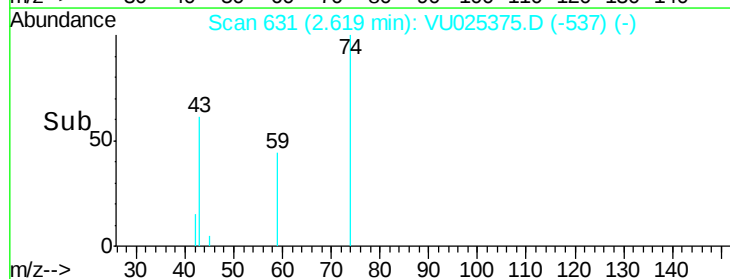
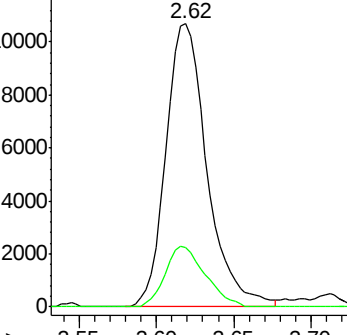
43 100

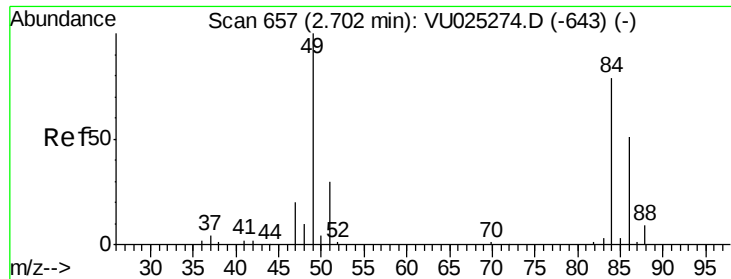
74 20.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

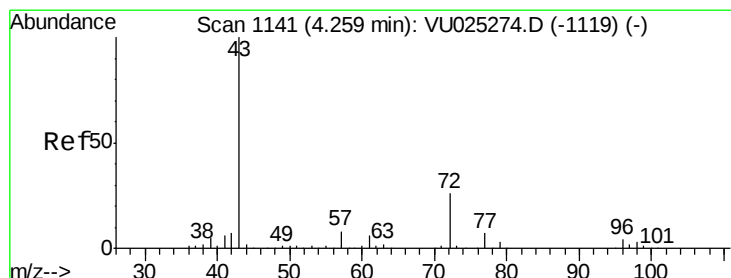
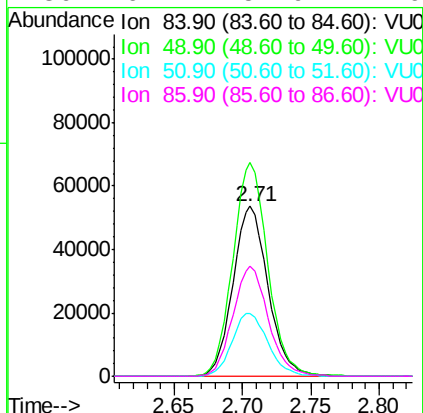
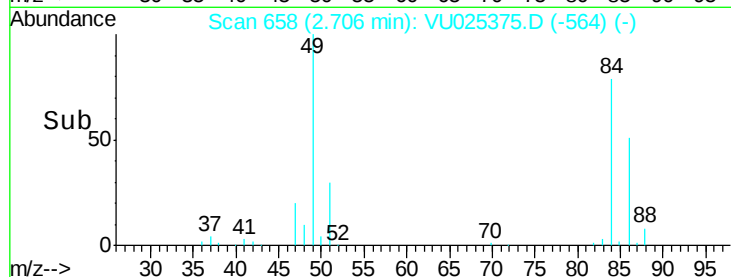
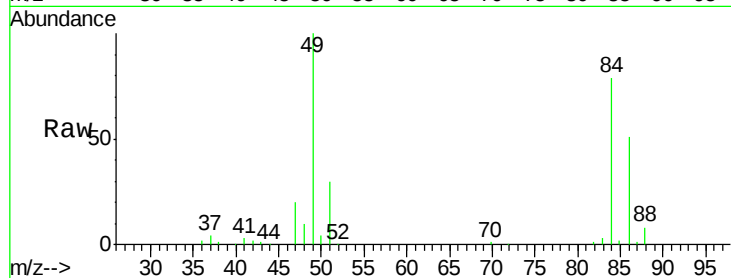




#20
Methvlene Chloride
Concen: 41.54 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025375.D
Acq: 13 Jul 2018 06:27

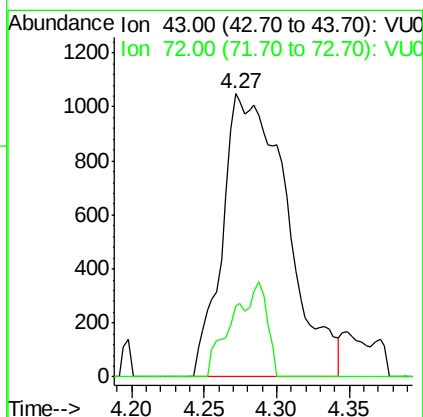
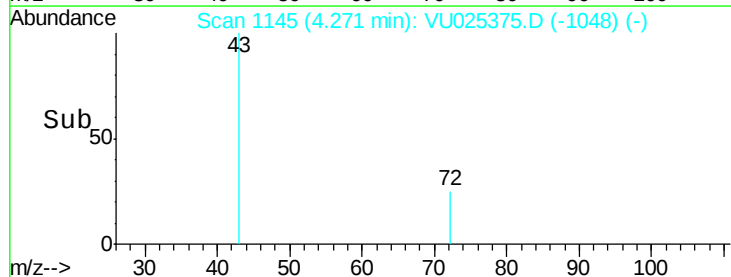
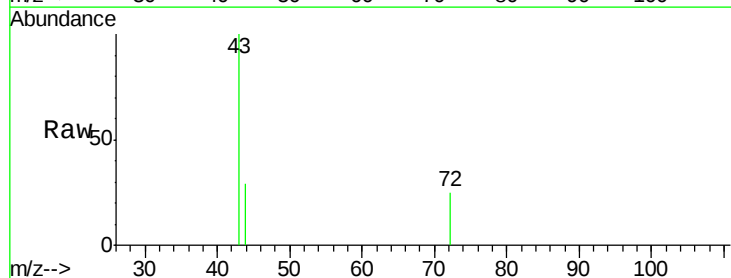
Instrument :
MSVOA_U
ClientSampleId :
PAR-1

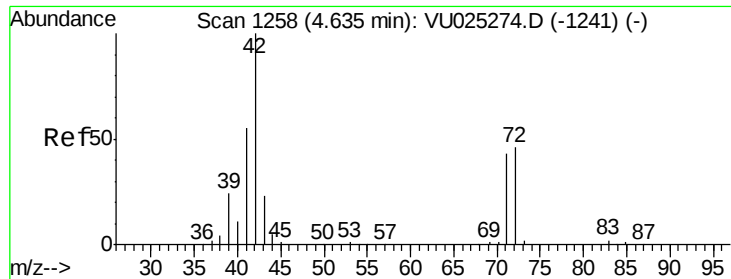
Tot Ion: 84 Resp: 95668
Ion Ratio Lower Upper
84 100
49 125.9 101.8 152.6
51 37.3 30.8 46.2
86 64.7 51.9 77.9



#25
2-Butanone
Concen: 1.56 ug/l
RT: 4.27 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VU025375.D
Acq: 13 Jul 2018 06:27

Tgt Ion: 43 Resp: 3230
Ion Ratio Lower Upper
43 100
72 25.0 21.0 31.4

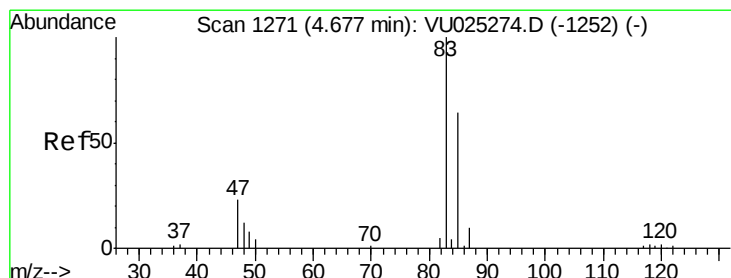
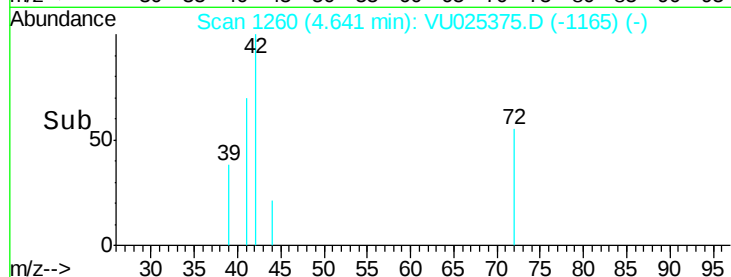
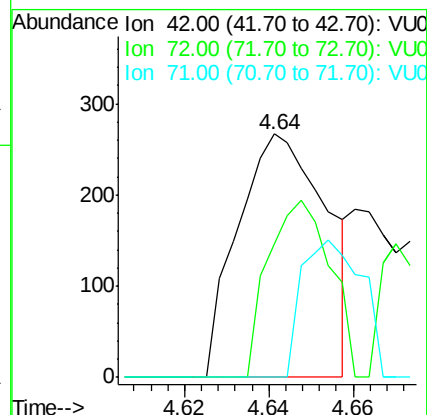
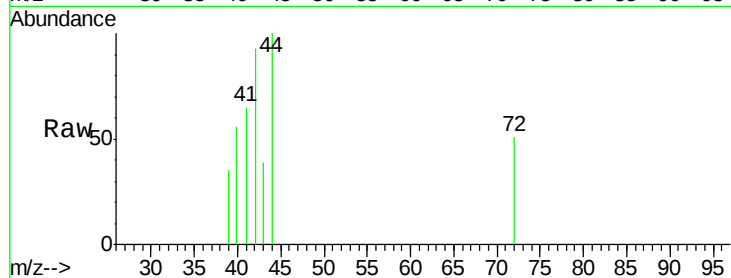




#29
Tetrahydrofuran
Concen: 0.31 ug/l
RT: 4.64 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VU025375.D
Acq: 13 Jul 2018 06:27

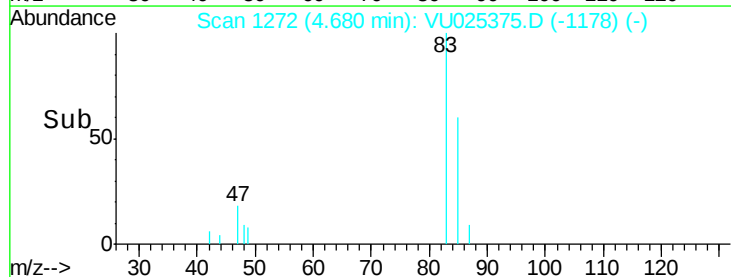
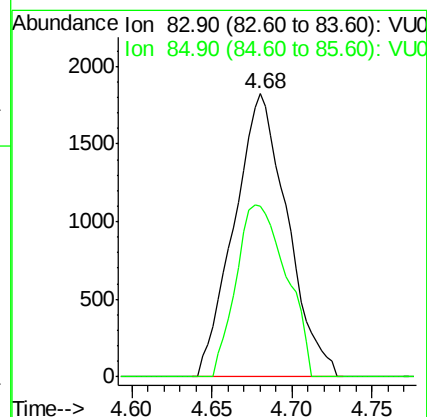
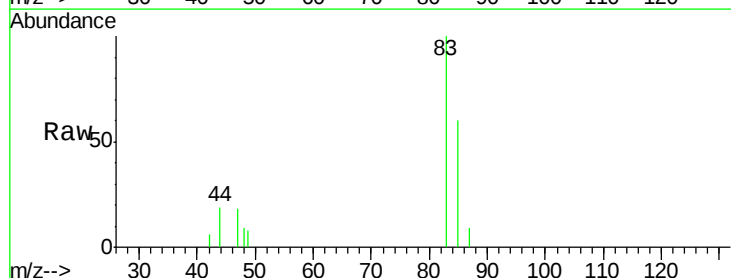
Instrument :
MSVOA_U
ClientSampleId :
PAR-1

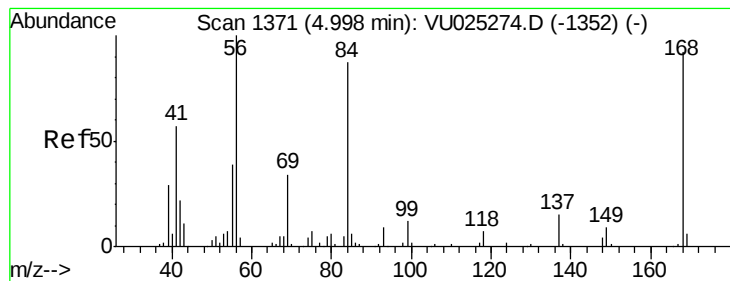
Tot Ion: 42 Resp: 387
Ion Ratio Lower Upper
42 100
72 51.2 36.7 55.1
71 38.2 33.9 50.9



#30
Chloroform
Concen: 0.96 ug/l
RT: 4.68 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VU025375.D
Acq: 13 Jul 2018 06:27

Tgt Ion: 83 Resp: 4157
Ion Ratio Lower Upper
83 100
85 60.2 51.5 77.3





#31

Cyclohexane

Concen: 1.73 ug/l

RT: 4.99 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

Instrument :

MSVOA_U

ClientSampleId :

PAR-1

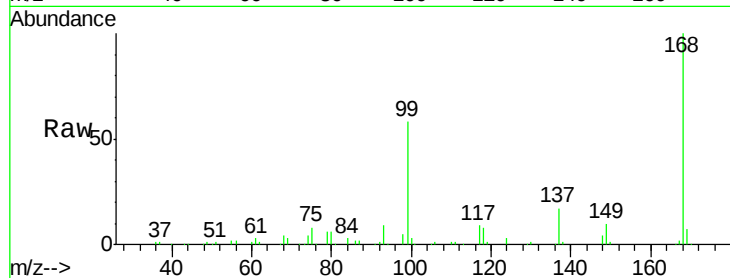
Tot Ion: 56 Resp: 3767

Ion Ratio Lower Upper

56 100

69 165.0 26.8 40.2#

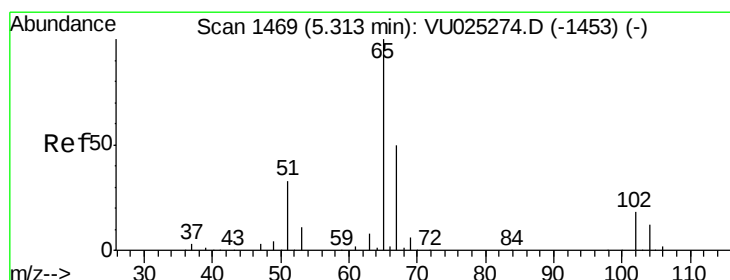
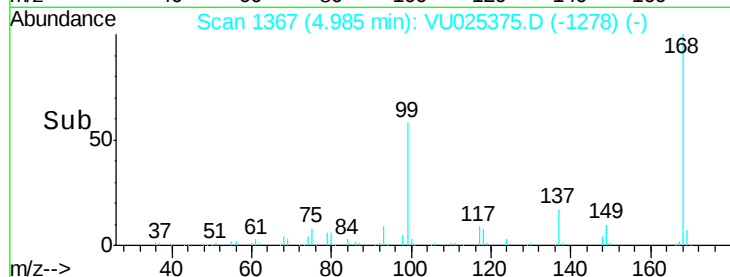
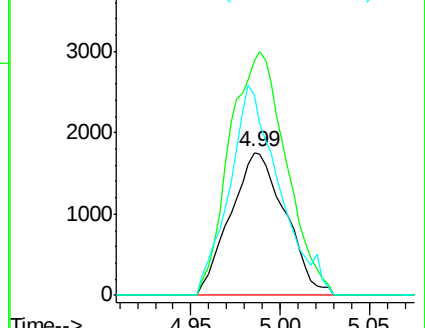
84 140.7 69.7 104.5#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0



#33

1,2-Dichloroethane-d4

Concen: 50.89 ug/l

RT: 5.31 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VU025375.D

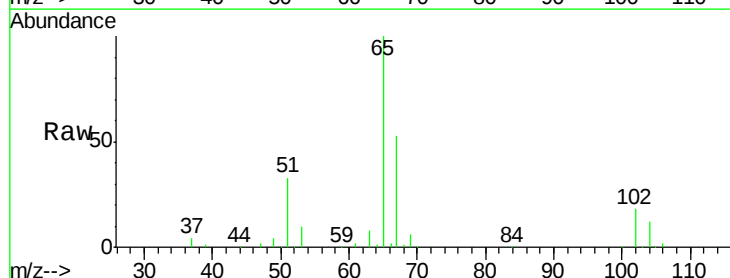
Acq: 13 Jul 2018 06:27

Tgt Ion: 65 Resp: 151947

Ion Ratio Lower Upper

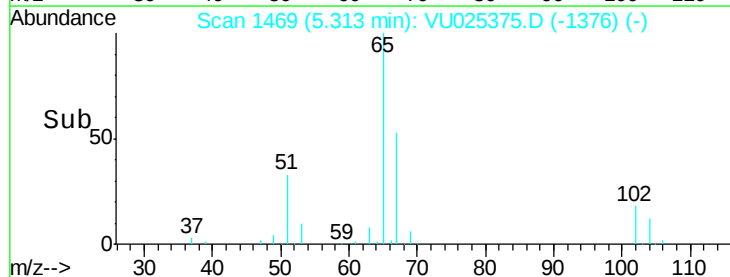
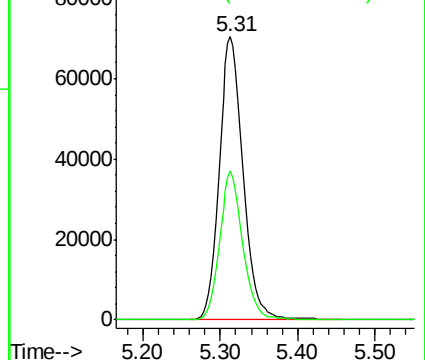
65 100

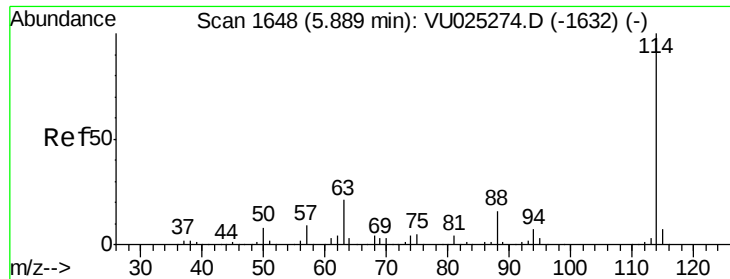
67 50.5 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0

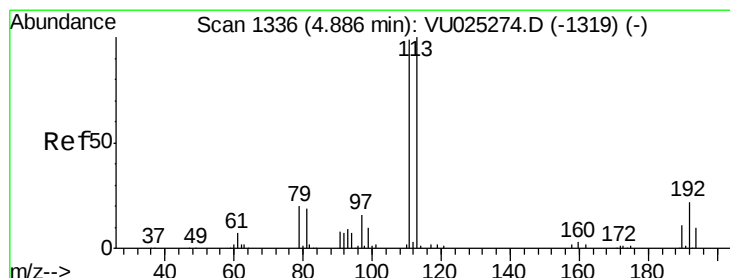
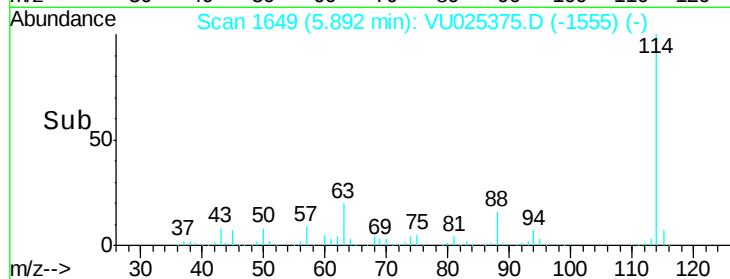
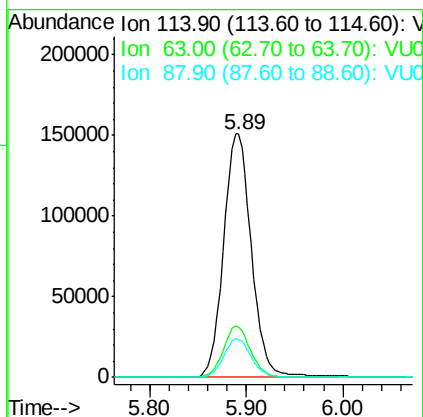
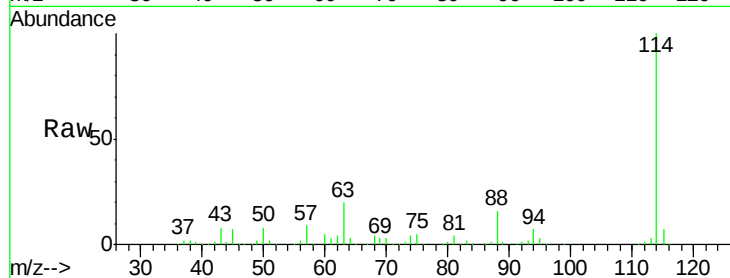




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU025375.D
Acq: 13 Jul 2018 06:27

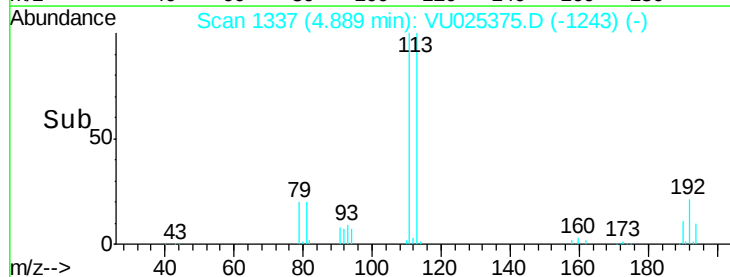
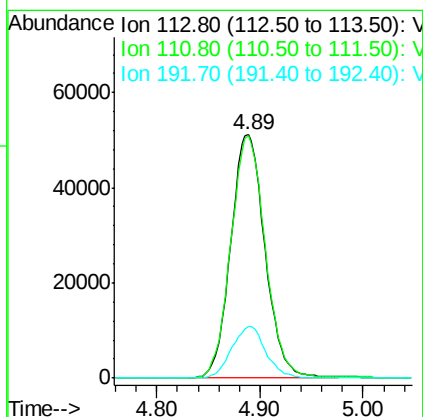
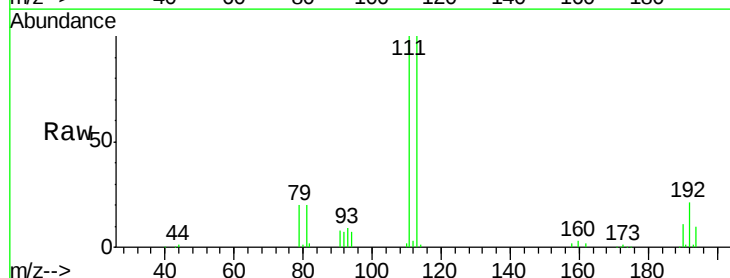
Instrument :
MSVOA_U
ClientSampleId :
PAR-1

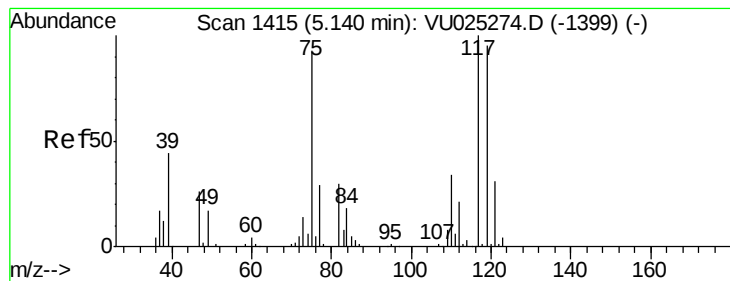
Tot Ion:114 Resp: 300691
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.6
88 15.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.69 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025375.D
Acq: 13 Jul 2018 06:27

Tgt Ion:113 Resp: 118437
Ion Ratio Lower Upper
113 100
111 100.4 81.7 122.5
192 21.0 17.1 25.7





#36

1,1-Dichloropropene

Concen: 4.28 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.15 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

Instrument :

MSVOA_U

ClientSampleId :

PAR-1

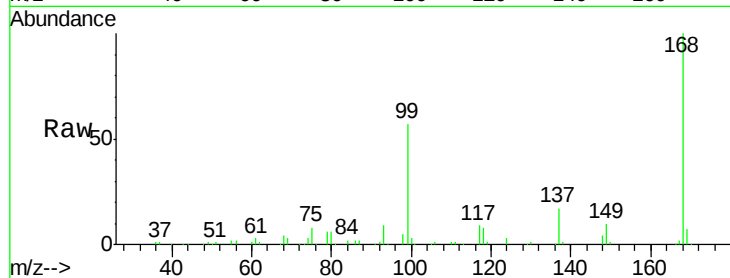
Tot Ion: 75 Resp: 14305

Ion Ratio Lower Upper

75 100

110 8.8 17.6 52.9#

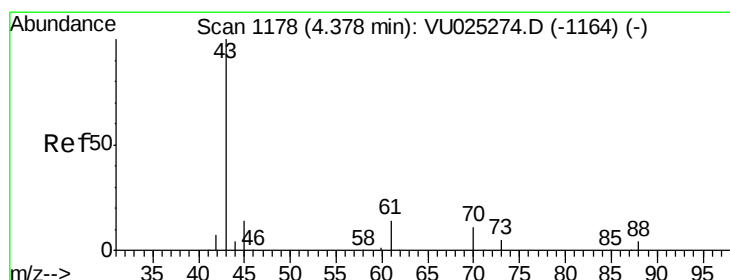
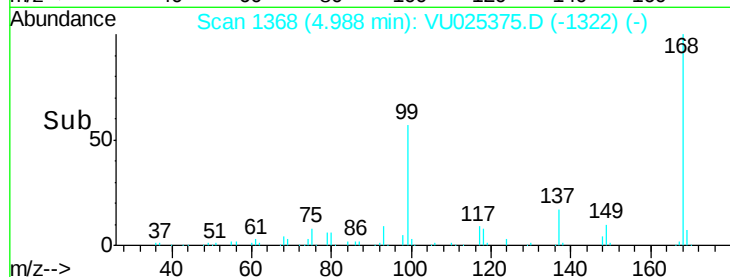
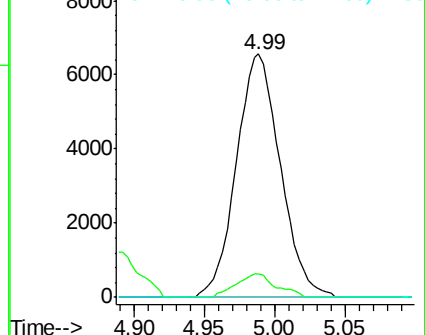
77 0.0 24.4 36.6#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): VU0

Ion 76.90 (76.60 to 77.60): VU0



#37

Ethyl Acetate

Concen: 0.87 ug/l

RT: 4.27 min Scan# 1145

Delta R.T. -0.11 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

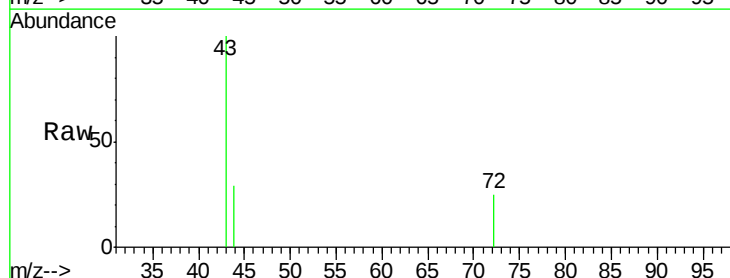
Tgt Ion: 43 Resp: 3230

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

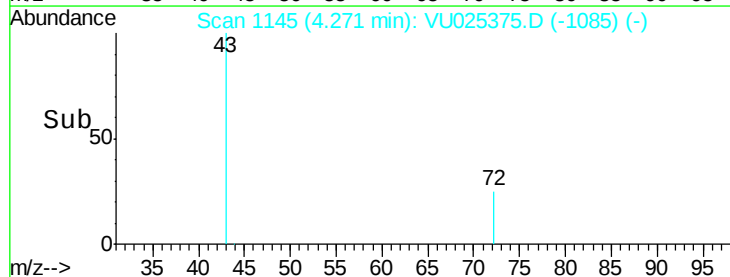
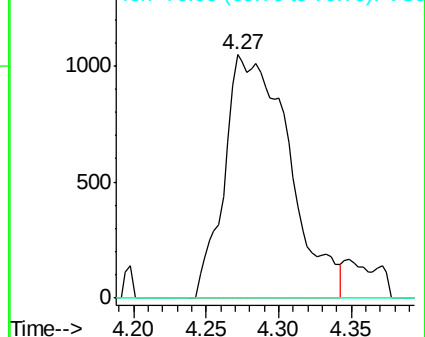
70 0.0 8.4 12.6#

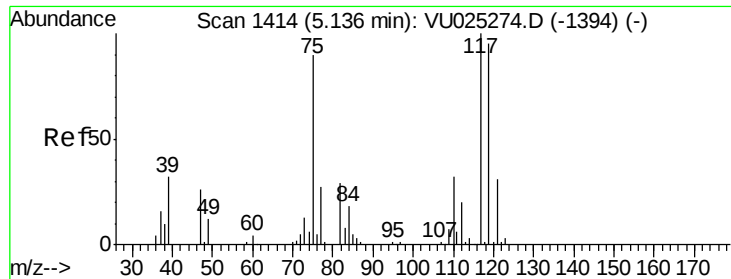


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 70.00 (69.70 to 70.70): VU0

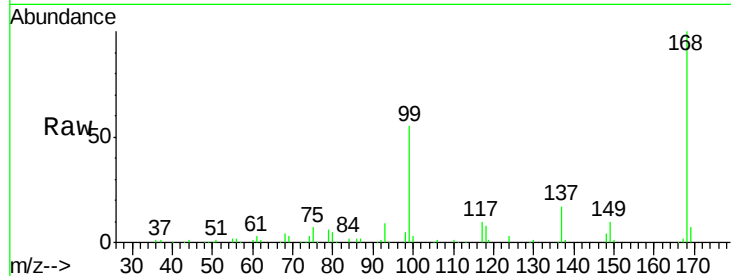




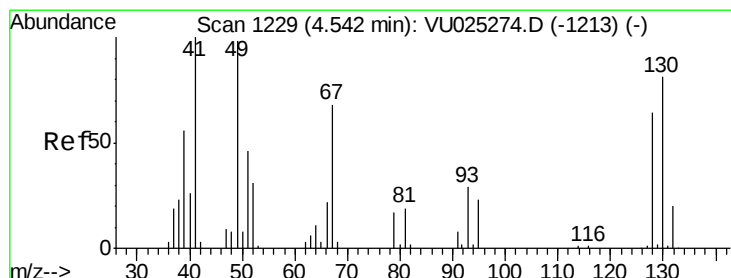
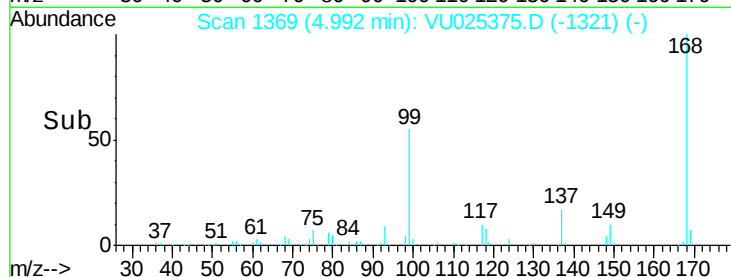
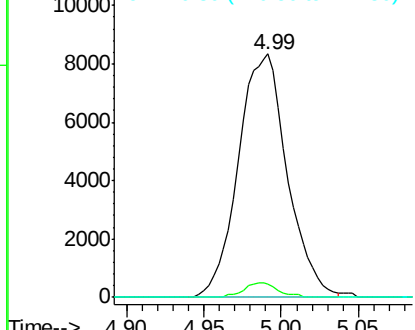
#38
Carbon Tetrachloride
Concen: 5.09 ug/l
RT: 4.99 min Scan# 1369
Delta R.T. -0.14 min
Lab File: VU025375.D
Acq: 13 Jul 2018 06:27

Instrument :
MSVOA_U
ClientSampled :
PAR-1

Tot Ion:117 Resp: 18330
Ion Ratio Lower Upper
117 100
119 5.5 75.7 113.5#
121 0.0 24.6 36.8#

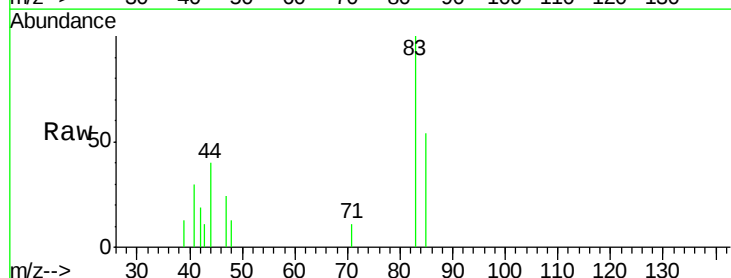


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

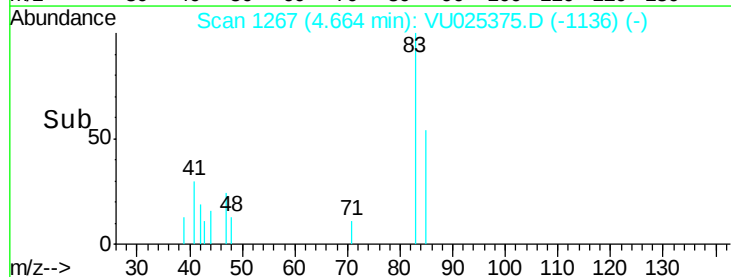
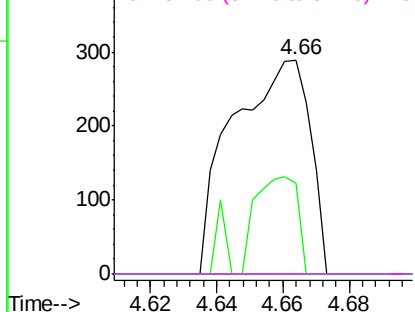


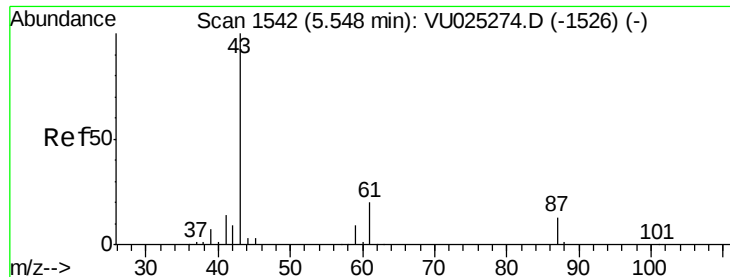
#41
Methacrylonitrile
Concen: 0.23 ug/l
RT: 4.66 min Scan# 1267
Delta R.T. 0.12 min
Lab File: VU025375.D
Acq: 13 Jul 2018 06:27

Tgt Ion: 41 Resp: 469
Ion Ratio Lower Upper
41 100
39 24.5 44.4 66.6#
67 0.0 56.0 84.0#
52 0.0 24.6 36.8#



Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 52.00 (51.70 to 52.70): VU0





#43

Isopropyl Acetate

Concen: 3.92 ug/l

RT: 5.77 min Scan# 1612

Delta R.T. 0.22 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

Instrument :

MSVOA_U

ClientSampleId :

PAR-1

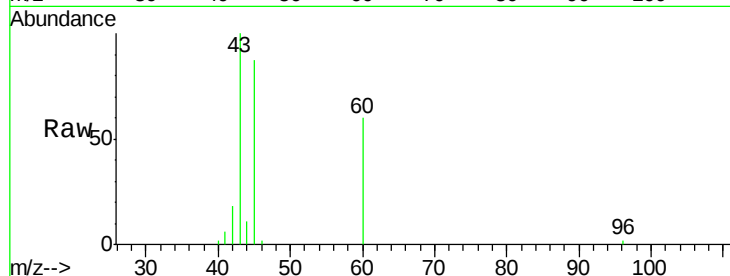
Tot Ion: 43 Resp: 23378

Ion Ratio Lower Upper

43 100

61 0.0 15.5 23.3#

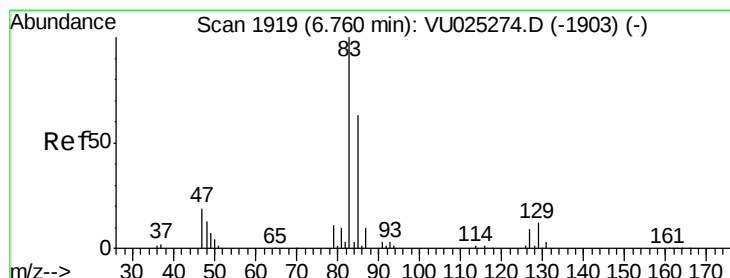
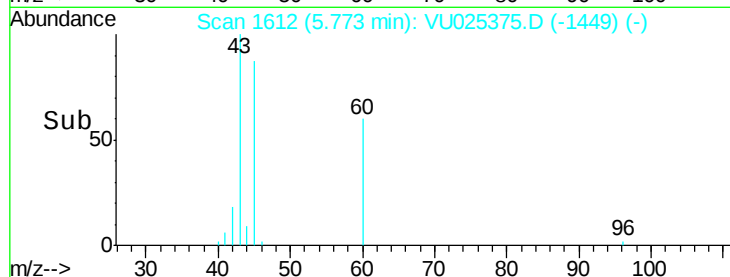
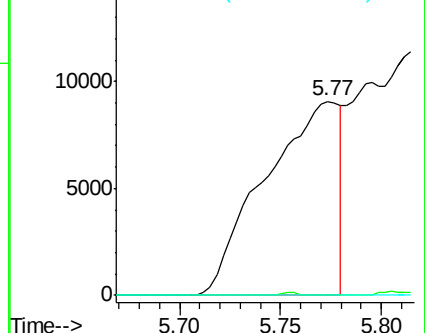
87 0.0 10.6 16.0#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#47

Bromodichloromethane

Concen: 0.39 ug/l

RT: 6.76 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

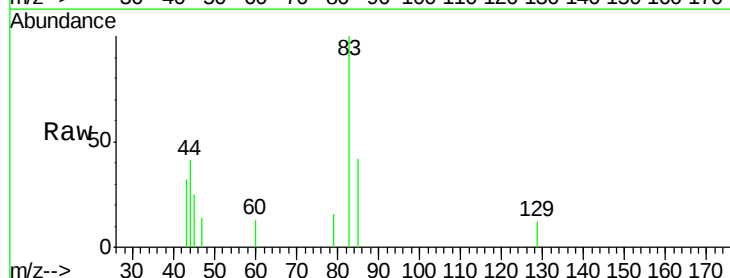
Tgt Ion: 83 Resp: 1333

Ion Ratio Lower Upper

83 100

85 42.4 50.2 75.4#

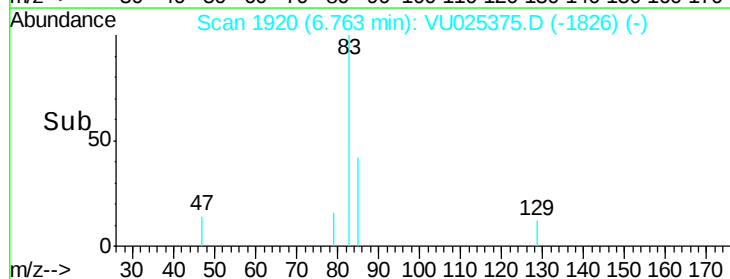
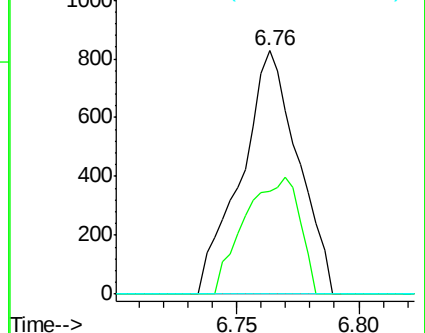
127 0.0 7.2 10.8#

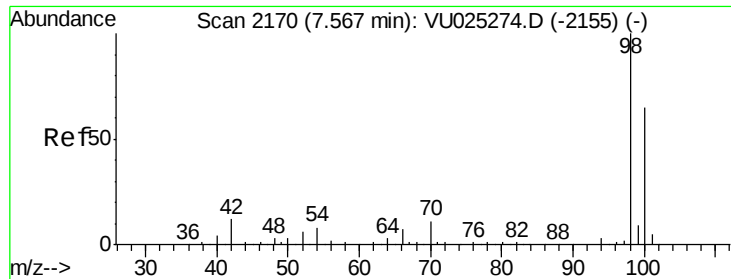


Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 49.51 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

Instrument :

MSVOA_U

ClientSampled :

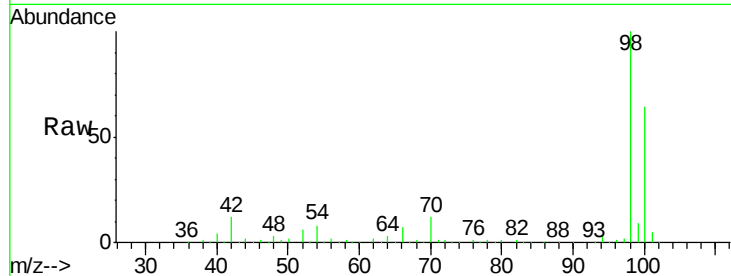
PAR-1

Tot Ion: 98 Resp: 430047

Ion Ratio Lower Upper

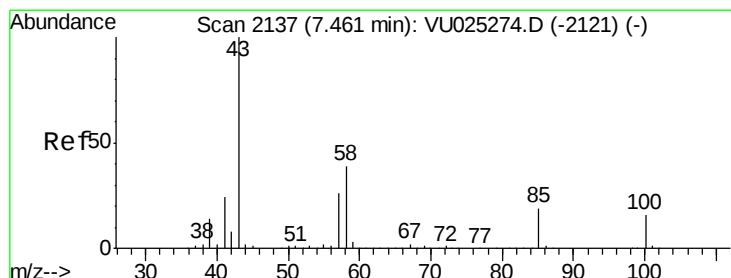
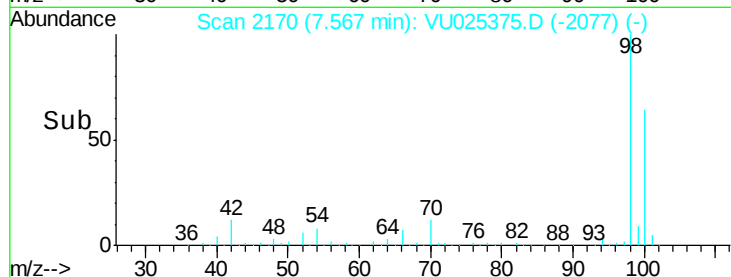
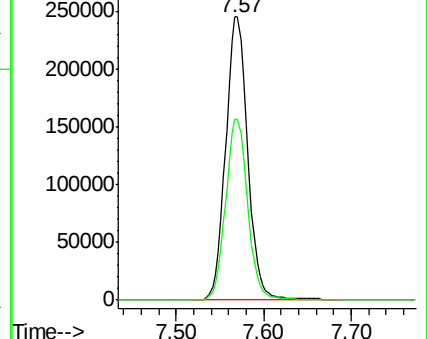
98 100

100 64.0 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU



#51

4-Methyl-2-Pentanone

Concen: 0.27 ug/l

RT: 7.47 min Scan# 2140

Delta R.T. 0.01 min

Lab File: VU025375.D

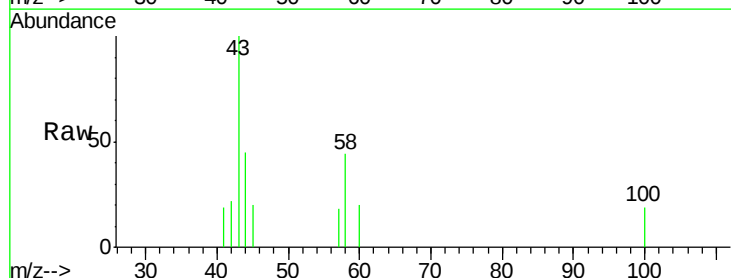
Acq: 13 Jul 2018 06:27

Tgt Ion: 43 Resp: 1041

Ion Ratio Lower Upper

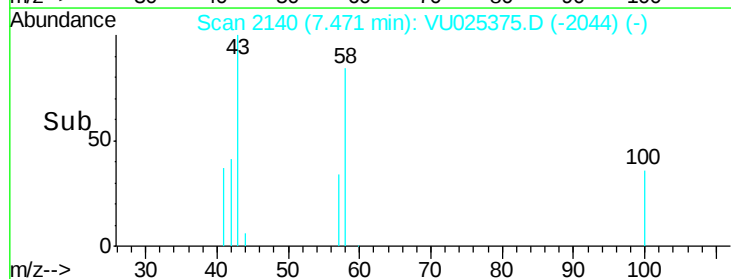
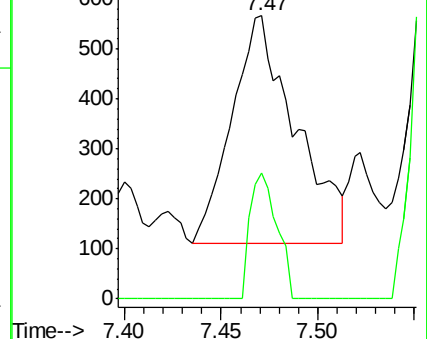
43 100

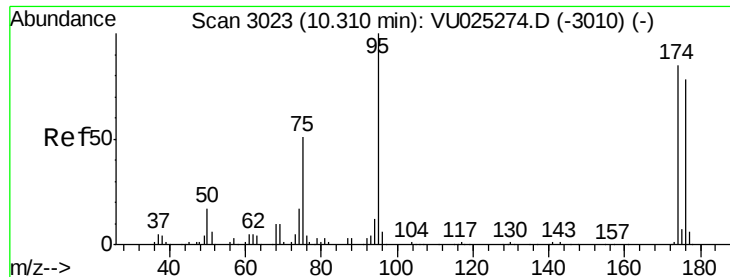
58 23.4 31.0 46.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#62

4-Bromofluorobenzene

Concen: 45.00 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

Instrument :

MSVOA_U

ClientSampleId :

PAR-1

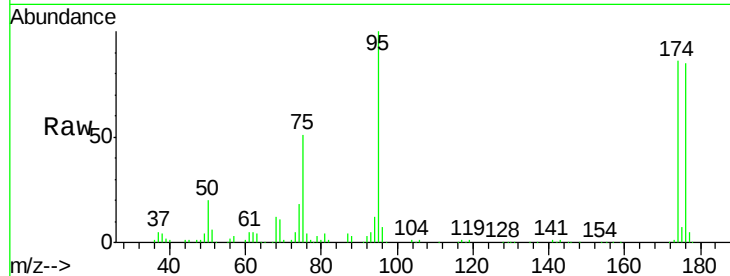
Tot Ion: 95 Resp: 157377

Ion Ratio Lower Upper

95 100

174 86.2 0.0 172.2

176 85.0 0.0 162.6

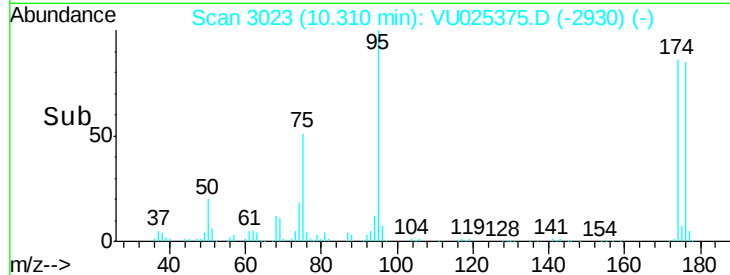


Abundance Ion 94.90 (94.60 to 95.60): VU025274.D (-3010) (-)

Ion 173.80 (173.50 to 174.50): VU025274.D (-3010) (-)

Ion 175.80 (175.50 to 176.50): VU025274.D (-3010) (-)

Time-->

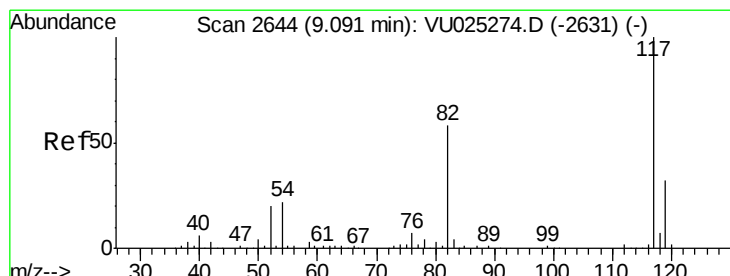


Abundance Ion 94.90 (94.60 to 95.60): VU025375.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025375.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025375.D (-2930) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 9.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

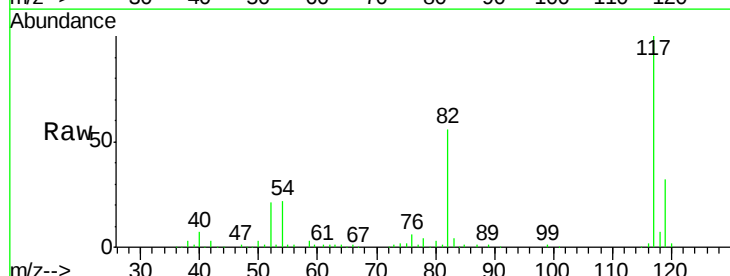
Tgt Ion: 117 Resp: 277558

Ion Ratio Lower Upper

117 100

82 56.4 46.0 69.0

119 31.6 26.0 39.0

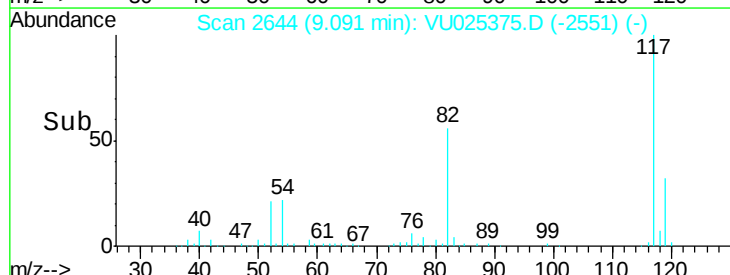


Abundance Ion 116.90 (116.60 to 117.60): VU025274.D (-2631) (-)

Ion 82.00 (81.70 to 82.70): VU025274.D (-2631) (-)

Ion 118.90 (118.60 to 119.60): VU025274.D (-2631) (-)

Time-->

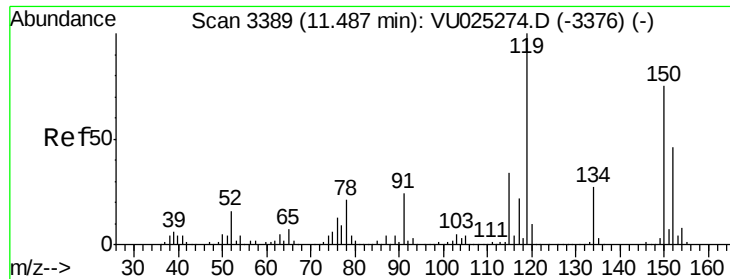


Abundance Ion 116.90 (116.60 to 117.60): VU025375.D (-2551) (-)

Ion 82.00 (81.70 to 82.70): VU025375.D (-2551) (-)

Ion 118.90 (118.60 to 119.60): VU025375.D (-2551) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

Instrument :

MSVOA_U

ClientSampleId :

PAR-1

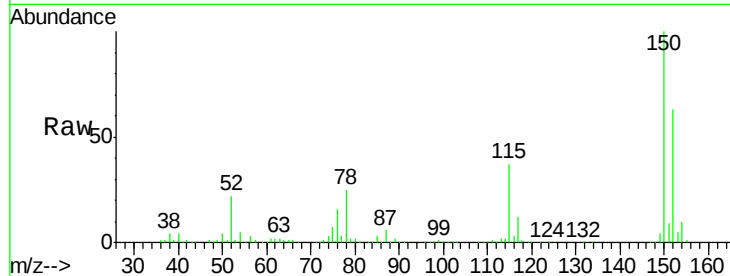
Tot Ion:152 Resp: 146794

Ion Ratio Lower Upper

152 100

115 59.0 40.1 120.3

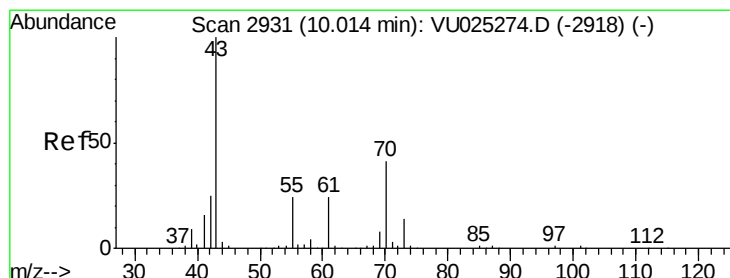
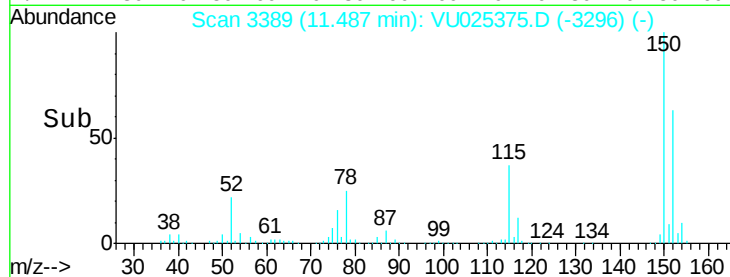
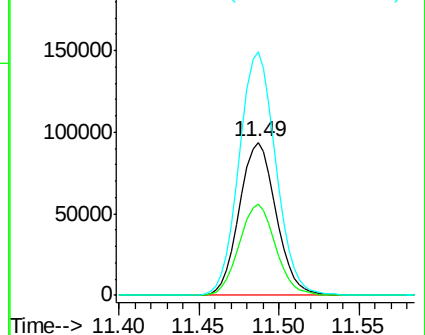
150 159.5 0.0 351.4



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



#74

N-ethyl acetate

Concen: 1.27 ug/l

RT: 10.03 min Scan# 2936

Delta R.T. 0.02 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

Tgt Ion: 43 Resp: 22

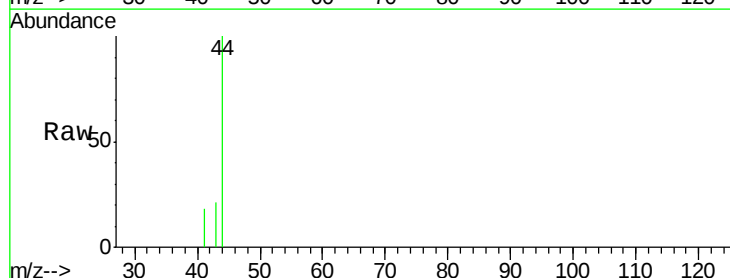
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.2#

55 0.0 19.0 28.6#

61 0.0 19.3 28.9#

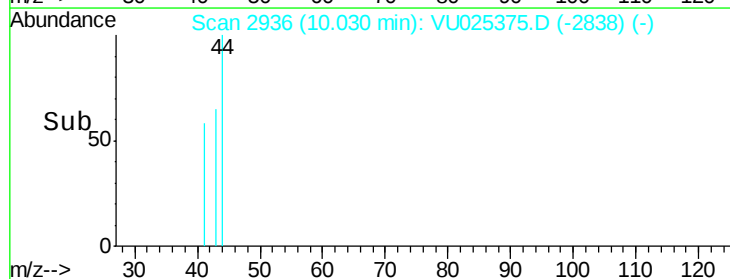
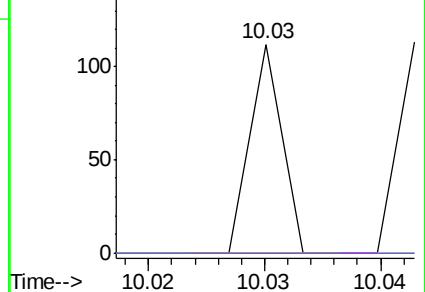


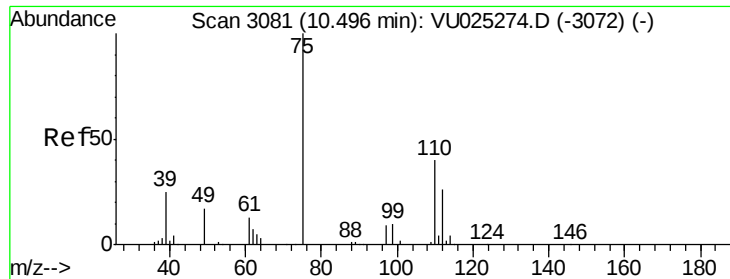
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0





#76

1,2,3-Trichloropropane

Concen: 27.37 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.19 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

Instrument :

MSVOA_U

ClientSampleId :

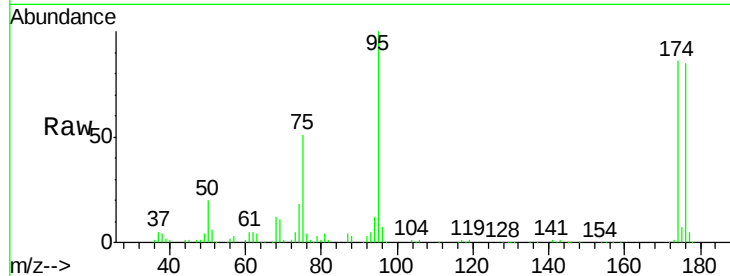
PAR-1

Tot Ion: 75 Resp: 81718

Ion Ratio Lower Upper

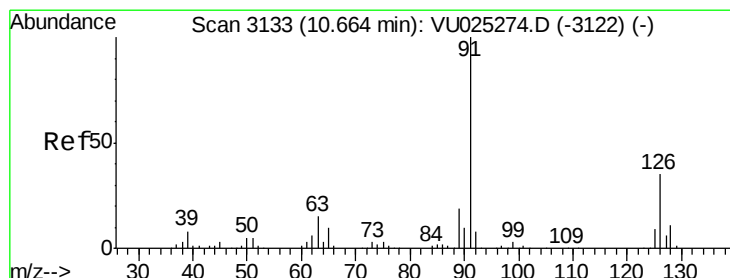
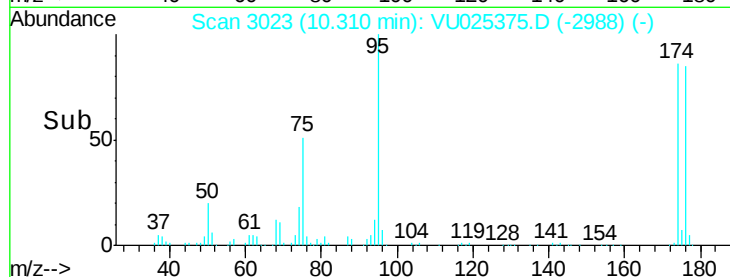
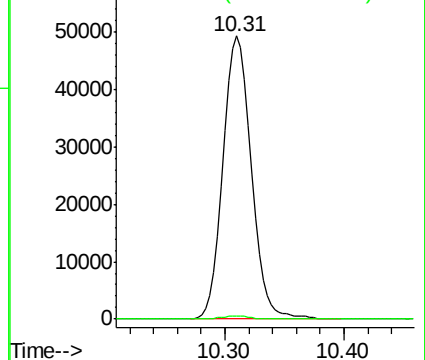
75 100

77 1.0 20.4 61.3#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#79

2-Chlorotoluene

Concen: 0.36 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.07 min

Lab File: VU025375.D

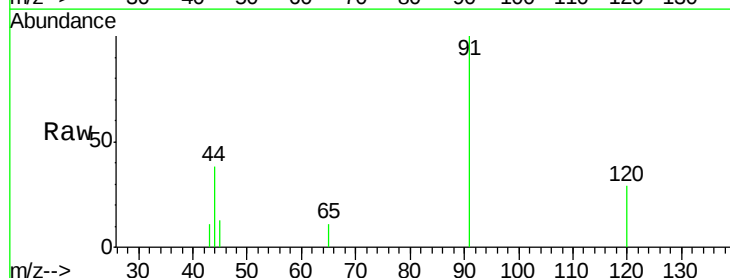
Acq: 13 Jul 2018 06:27

Tgt Ion: 91 Resp: 1564

Ion Ratio Lower Upper

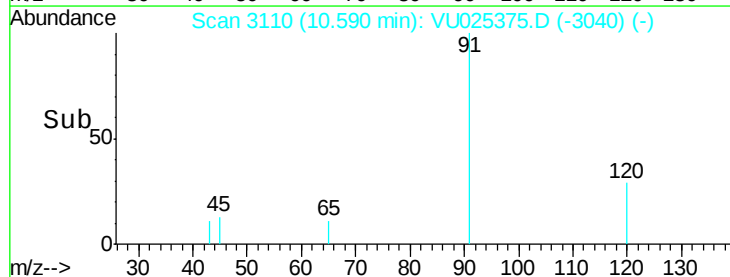
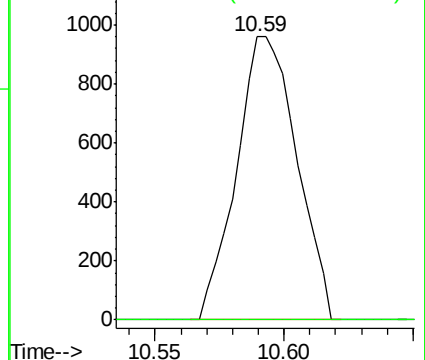
91 100

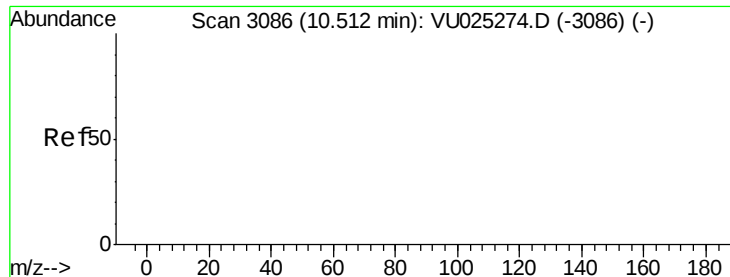
126 0.0 17.5 52.6#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 69.88 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.20 min

Lab File: VU025375.D

Acq: 13 Jul 2018 06:27

Instrument :

MSVOA_U

ClientSampleId :

PAR-1

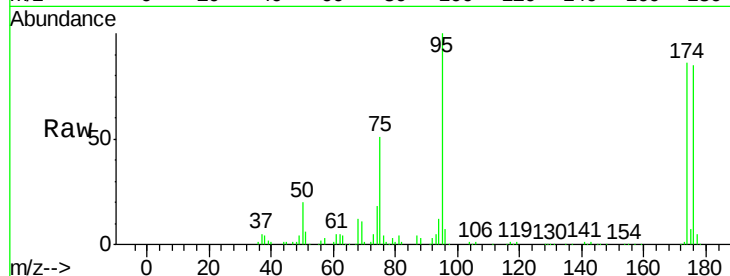
Tot Ion: 75 Resp: 81718

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

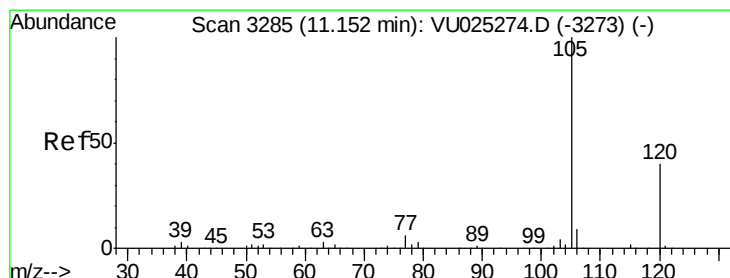
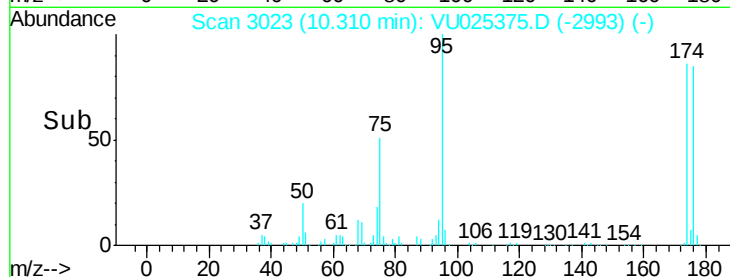
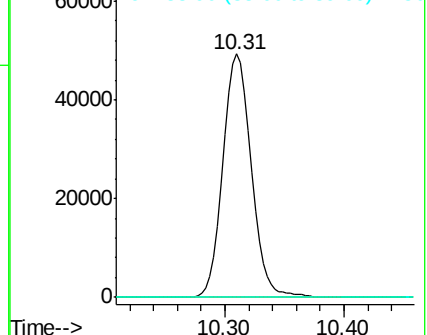
89 0.0 0.0 0.0



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

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

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



#84

1,2,4-Trimethylbenzene

Concen: 0.40 ug/l

RT: 11.16 min Scan# 3286

Delta R.T. 0.00 min

Lab File: VU025375.D

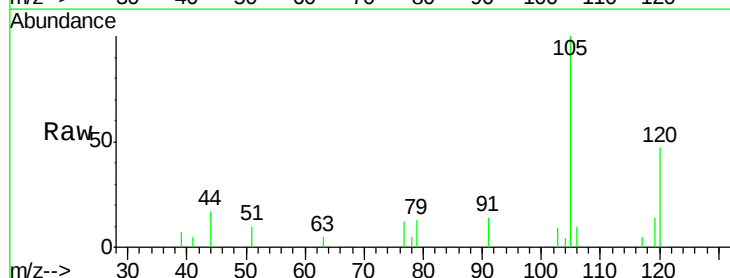
Acq: 13 Jul 2018 06:27

Tgt Ion:105 Resp: 3882

Ion Ratio Lower Upper

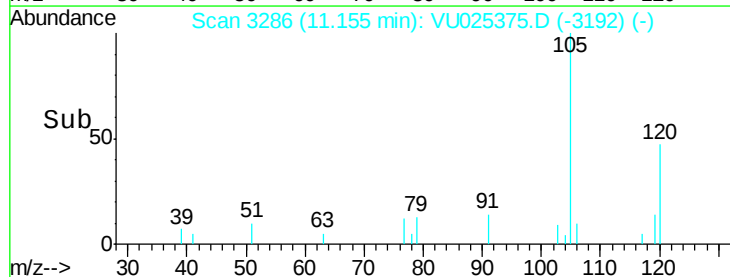
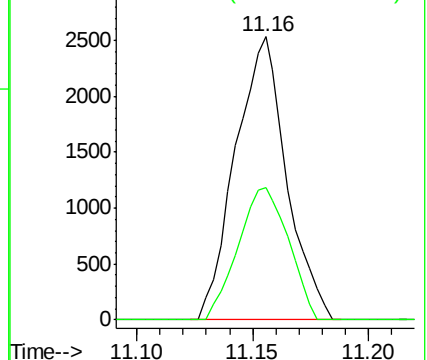
105 100

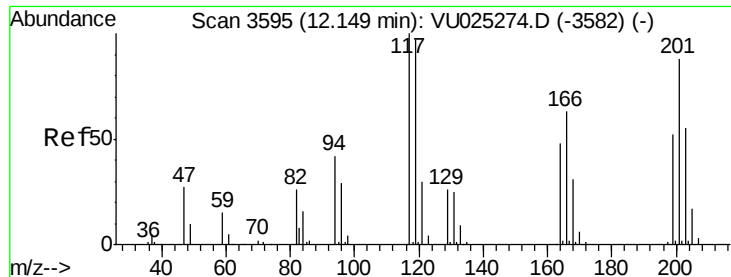
120 45.9 22.3 66.8



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

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

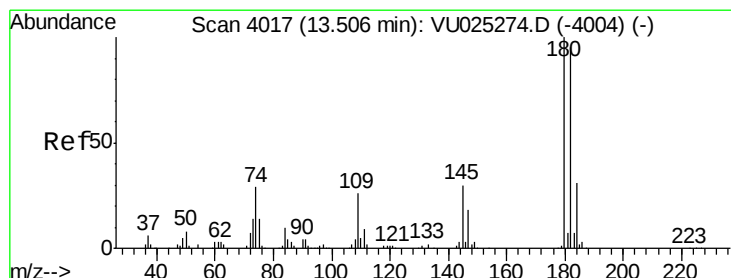
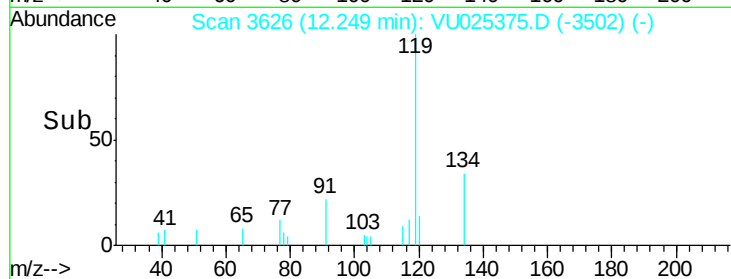
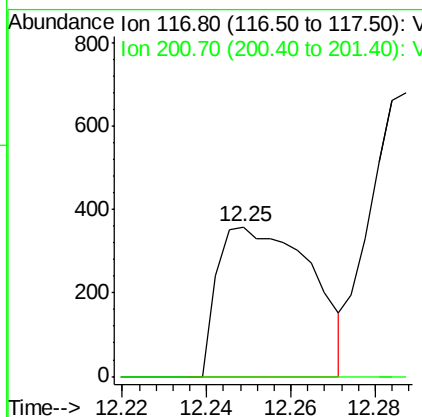
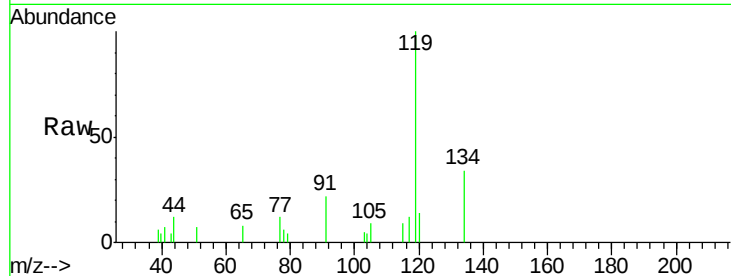




#90
Hexachloroethane
Concen: 0.33 ug/l
RT: 12.25 min Scan# 3626
Delta R.T. 0.10 min
Lab File: VU025375.D
Acq: 13 Jul 2018 06:27

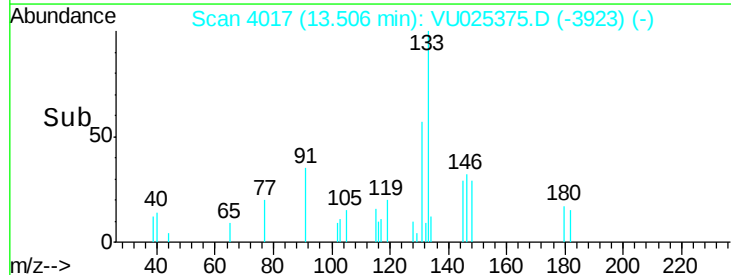
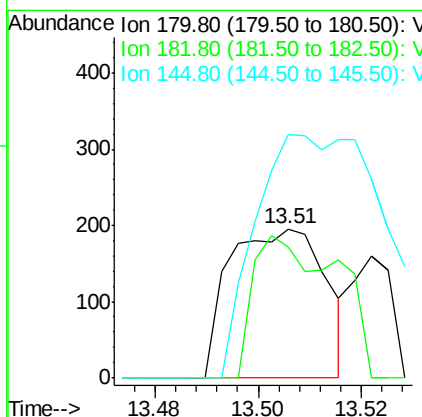
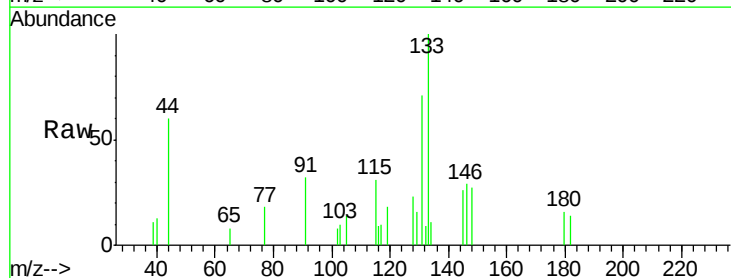
Instrument :
MSVOA_U
ClientSampleId :
PAR-1

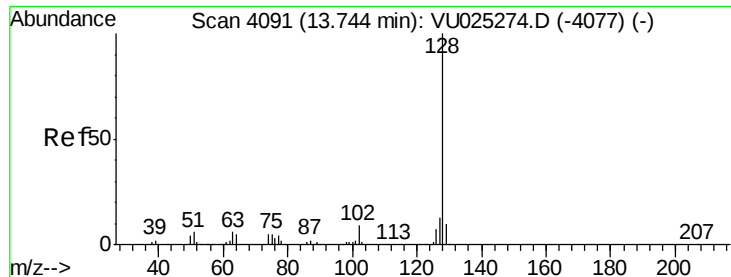
Tot Ion:117 Resp: 552
Ion Ratio Lower Upper
117 100
201 0.0 42.5 127.6#



#93
1,2,4-Trichlorobenzene
Concen: 3.35 ug/l
RT: 13.51 min Scan# 4017
Delta R.T. 0.00 min
Lab File: VU025375.D
Acq: 13 Jul 2018 06:27

Tgt Ion:180 Resp: 251
Ion Ratio Lower Upper
180 100
182 83.3 47.3 141.9
145 212.4 14.9 44.7#

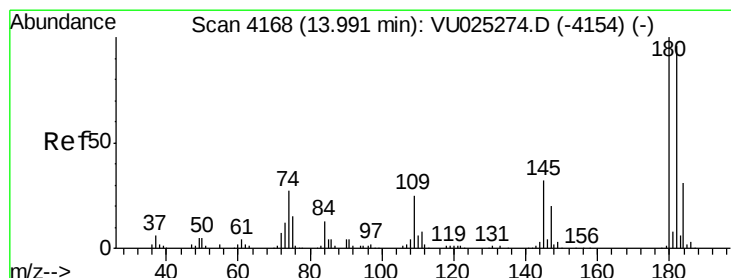
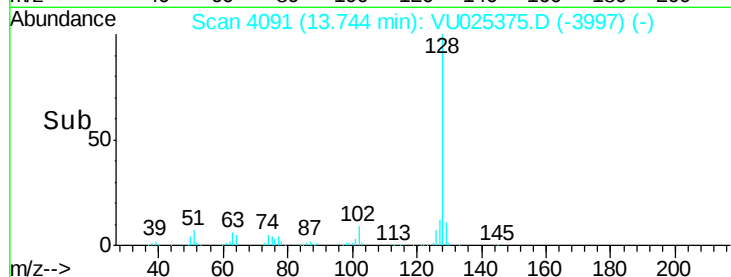
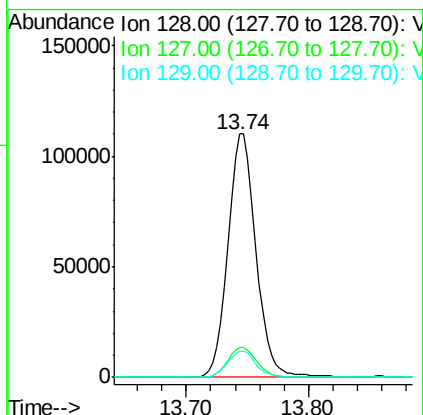
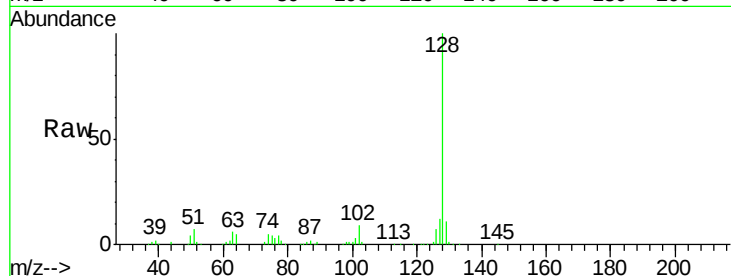




#95
Naphthalene
Concen: 18.04 ug/l
RT: 13.74 min Scan# 4091
Delta R.T. 0.00 min
Lab File: VU025375.D
Acq: 13 Jul 2018 06:27

Instrument :
MSVOA_U
ClientSampled :
PAR-1

Tot Ion:128 Resp: 176982
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.1 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 2.55 ug/l
RT: 13.99 min Scan# 4167
Delta R.T. -0.00 min
Lab File: VU025375.D
Acq: 13 Jul 2018 06:27

Tgt Ion:180 Resp: 95
Ion Ratio Lower Upper
180 100
182 67.4 47.8 143.3
145 0.0 15.6 46.8#

