

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027385.D
 Acq On : 04 Oct 2018 02:55
 Operator : MD/SY
 Sample : J5218-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 293-230

Quant Time: Oct 04 08:28:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	89335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	164230	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	157450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	77950	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	96778	64.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.76%	
35) Dibromofluoromethane	4.88	113	67406	59.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.78%	
50) Toluene-d8	7.57	98	253124	60.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.18%	
62) 4-Bromofluorobenzene	10.31	95	85553	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	

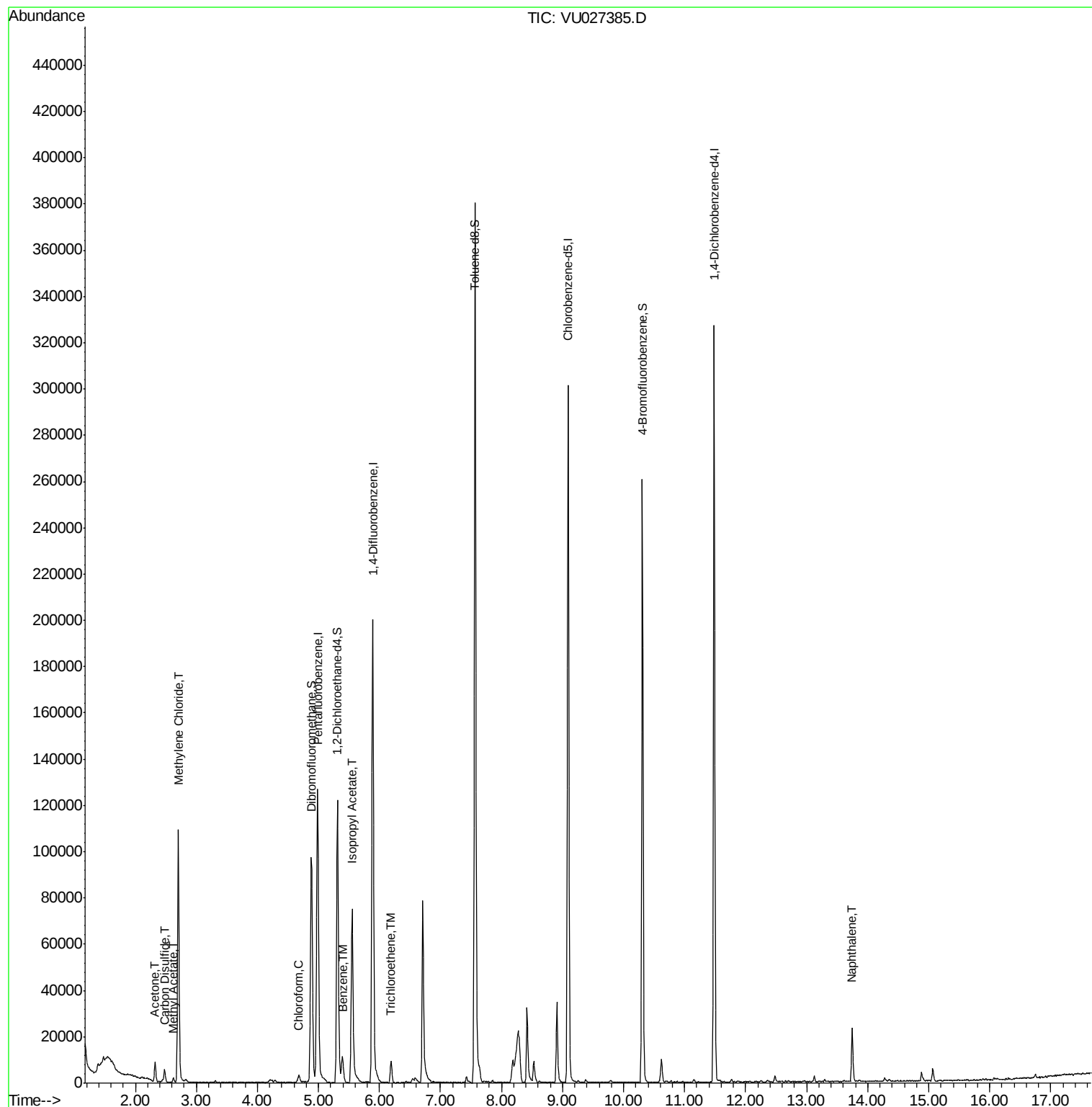
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	9329	10.586	ug/l	94
17) Carbon Disulfide	2.48	76	6487	1.906	ug/l	97
18) Methyl Acetate	2.62	43	2463	1.225	ug/l #	88
20) Methylene Chloride	2.70	84	44541	36.284	ug/l	97
30) Chloroform	4.68	83	2940	1.413	ug/l	95
40) Benzene	5.39	78	9589	1.846	ug/l	98
43) Isopropyl Acetate	5.55	43	92761	25.916	ug/l	98
44) Trichloroethene	6.19	130	3357	2.898	ug/l	97
95) Naphthalene	13.75	128	19116	4.796	ug/l	99

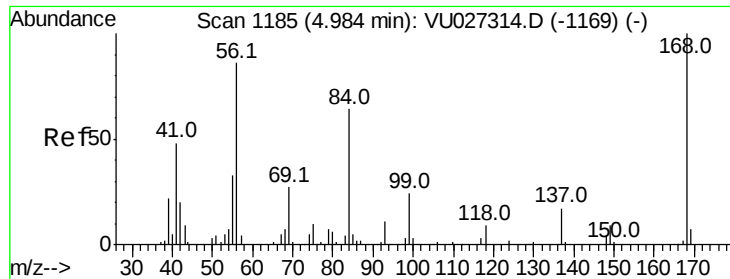
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

Instrument :

MSVOA_U

ClientSampleId :

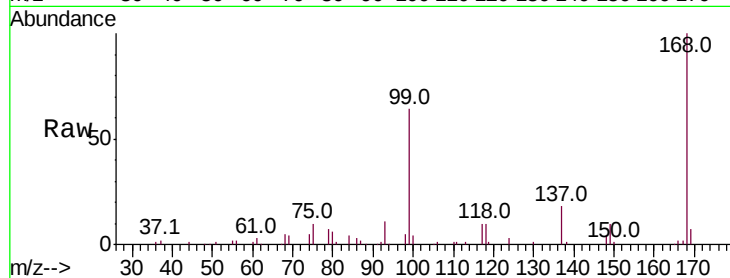
293-230

Tot Ion:168 Resp: 89335

Ion Ratio Lower Upper

168 100

99 63.9 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

40000

30000

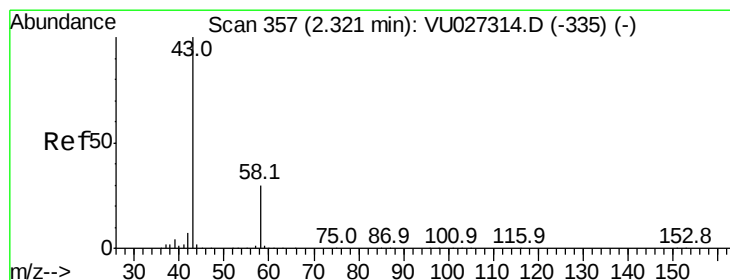
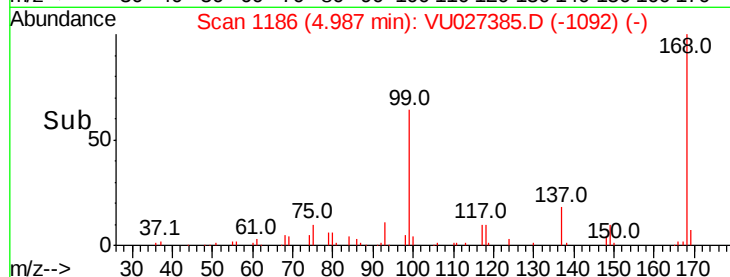
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#16

Acetone

Concen: 10.586 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027385.D

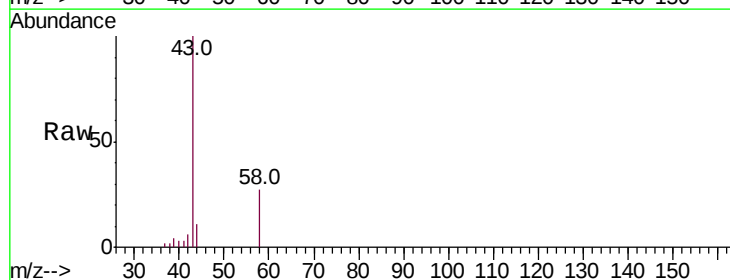
Acq: 04 Oct 2018 02:55

Tgt Ion: 43 Resp: 9329

Ion Ratio Lower Upper

43 100

58 27.0 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)

2.32

6000

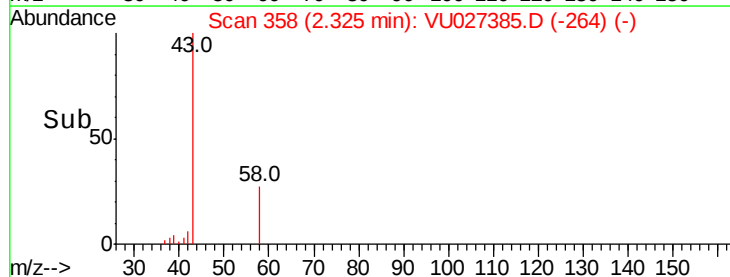
4000

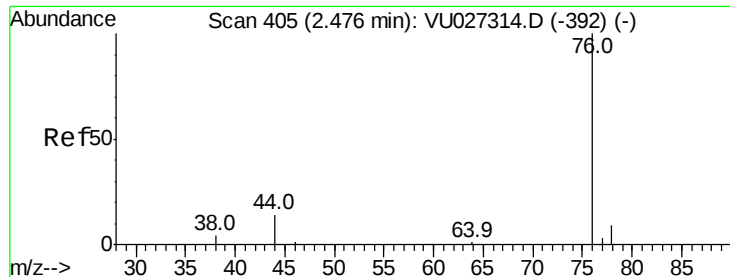
2000

0

2.30 2.35 2.40

Time-->

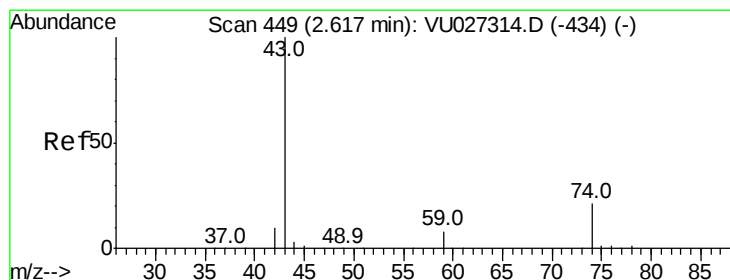
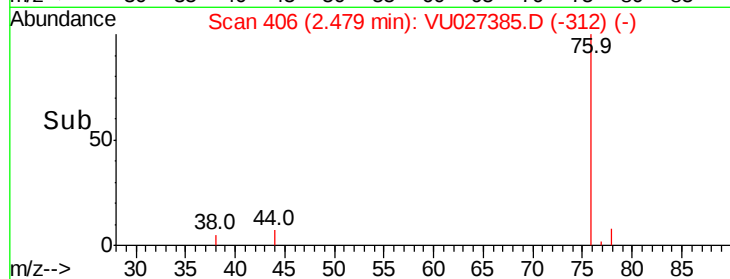
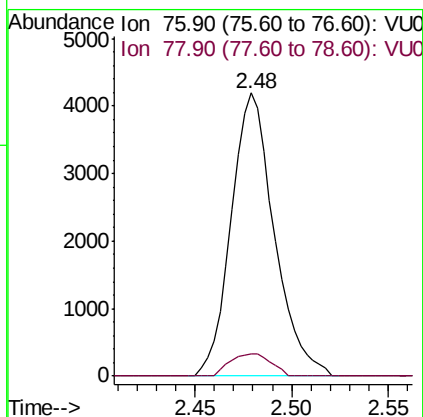
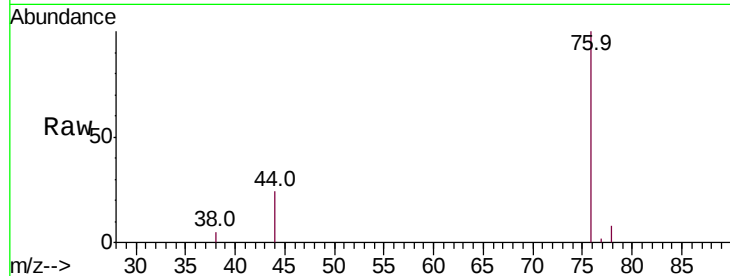




#17
Carbon Disulfide
Concen: 1.906 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

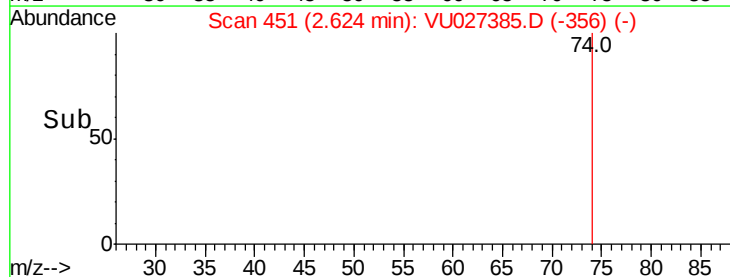
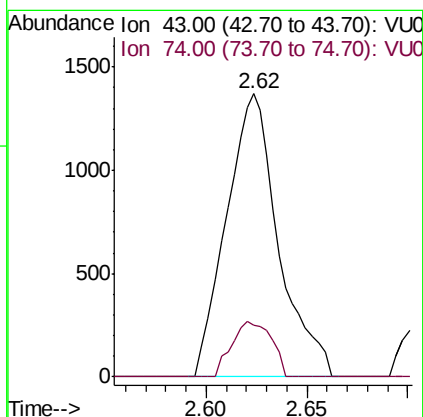
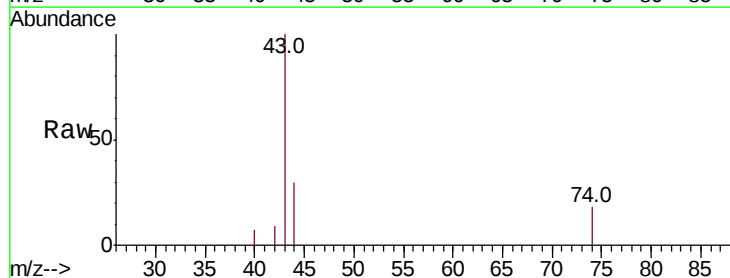
Instrument :
MSVOA_U
ClientSampleId :
293-230

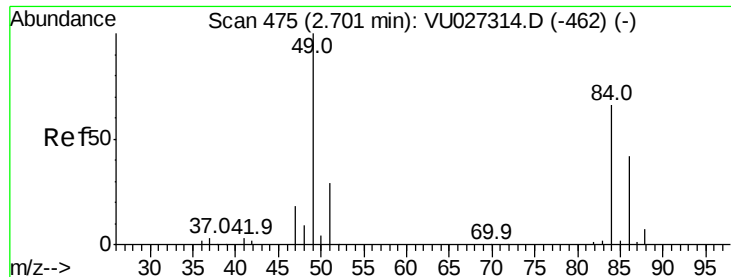
Tot Ion: 76 Resp: 6487
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9



#18
Methyl Acetate
Concen: 1.225 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

Tgt Ion: 43 Resp: 2463
Ion Ratio Lower Upper
43 100
74 15.0 16.5 24.7#

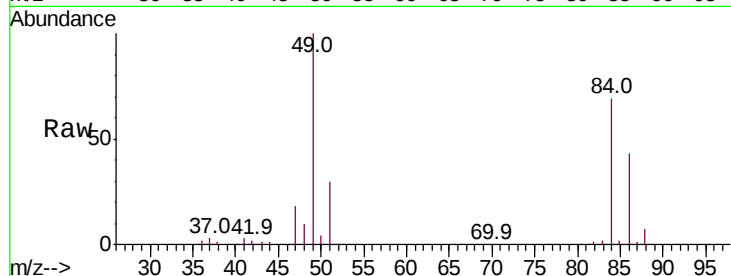




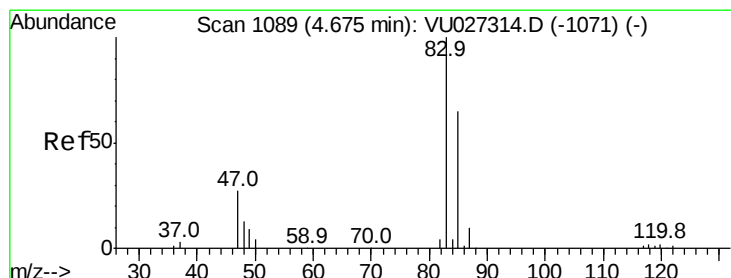
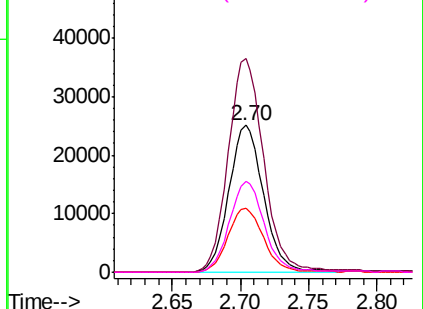
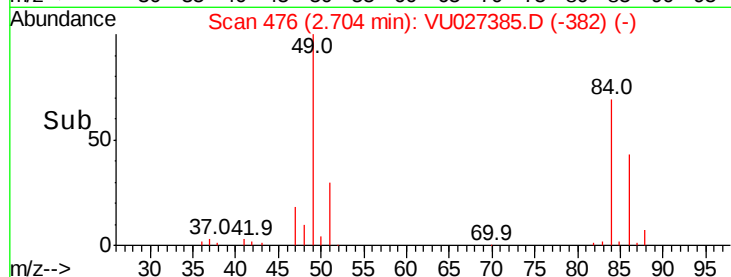
#20
Methvlene Chloride
Concen: 36.284 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

Instrument :
MSVOA_U
ClientSampleId :
293-230

Tot Ion: 84 Resp: 44541
Ion Ratio Lower Upper
84 100
49 145.3 120.5 180.7
51 43.4 35.1 52.7
86 61.8 50.5 75.7

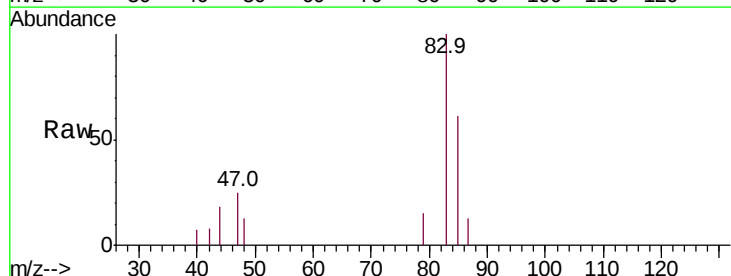


Abundance Ion 83.90 (83.60 to 84.60): VU0
Ion 48.90 (48.60 to 49.60): VU0
Ion 50.90 (50.60 to 51.60): VU0
Ion 85.90 (85.60 to 86.60): VU0

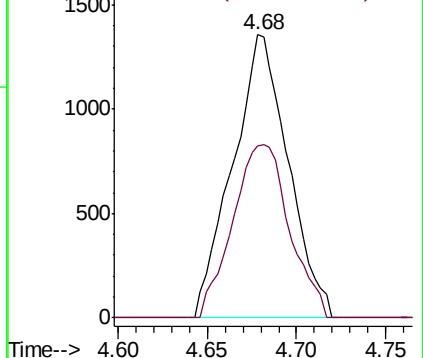
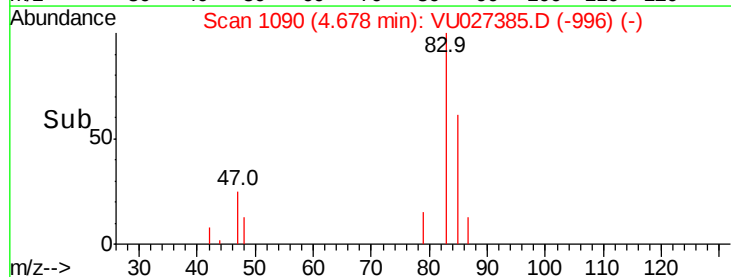


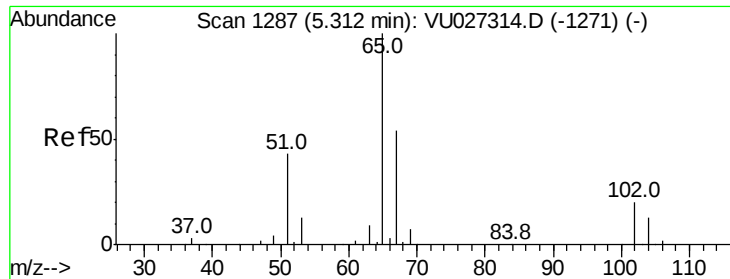
#30
Chloroform
Concen: 1.413 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

Tgt Ion: 83 Resp: 2940
Ion Ratio Lower Upper
83 100
85 60.8 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VU0
Ion 84.90 (84.60 to 85.60): VU0

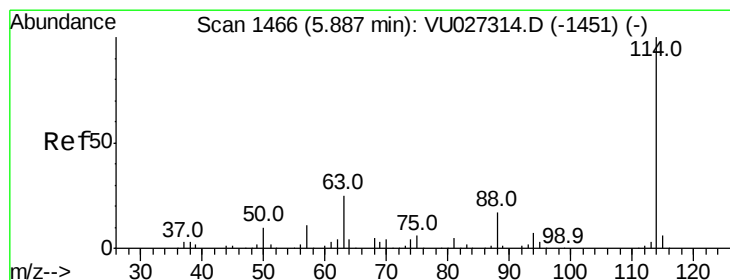
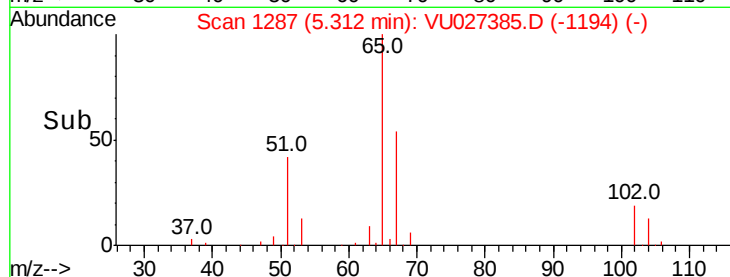
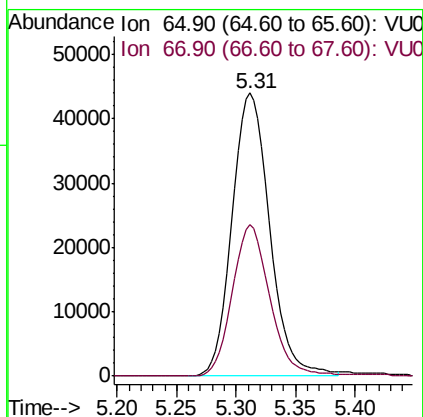
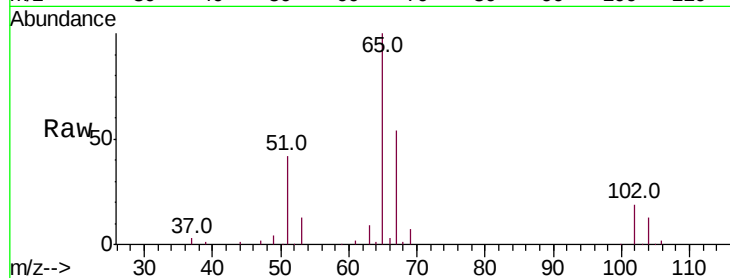




#33
 1,2-Dichloroethane-d4
 Concen: 64.876 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027385.D
 Acq: 04 Oct 2018 02:55

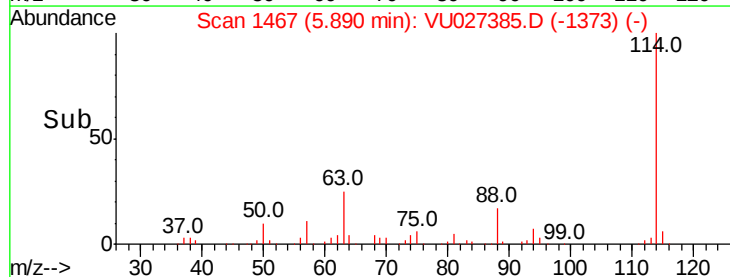
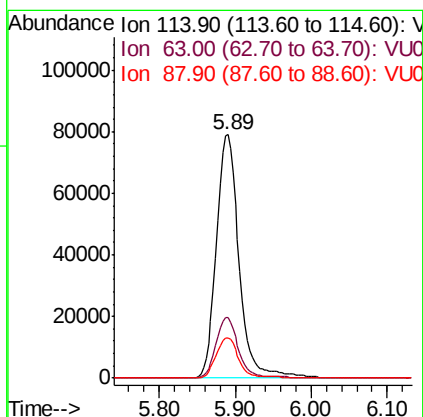
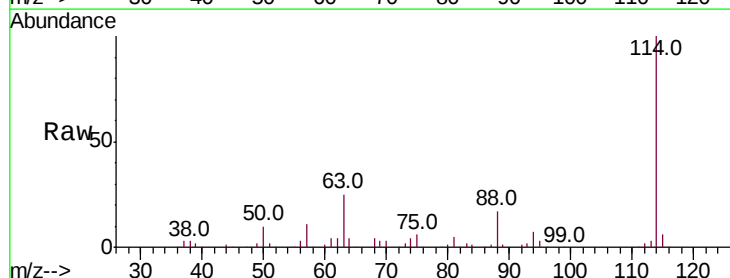
Instrument :
 MSVOA_U
 ClientSampleId :
 293-230

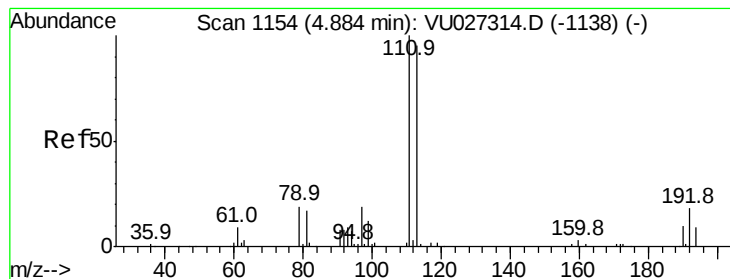
Tot Ion: 65 Resp: 96778
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027385.D
 Acq: 04 Oct 2018 02:55

Tgt Ion: 114 Resp: 164230
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 50.2
 88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 59.889 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

Instrument :

MSVOA_U

ClientSampleId :

293-230

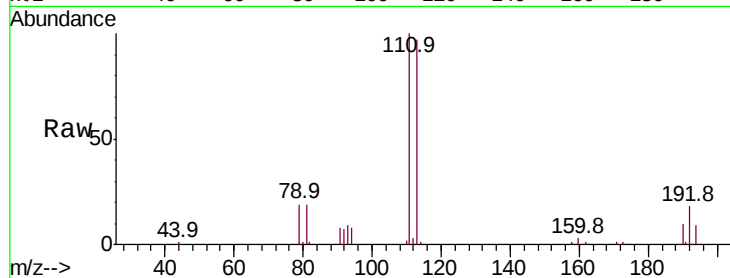
Tot Ion:113 Resp: 67406

Ion Ratio Lower Upper

113 100

111 104.1 83.1 124.7

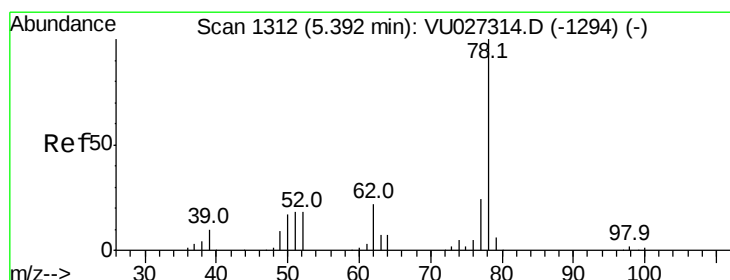
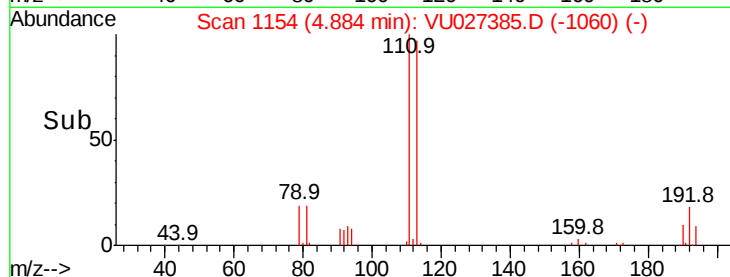
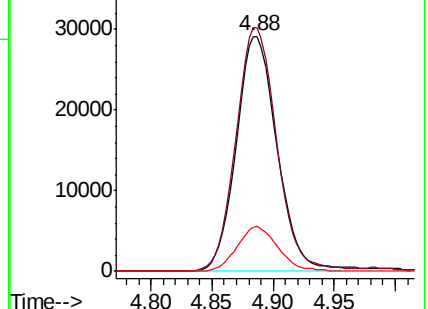
192 19.1 15.4 23.0



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



#40

Benzene

Concen: 1.846 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027385.D

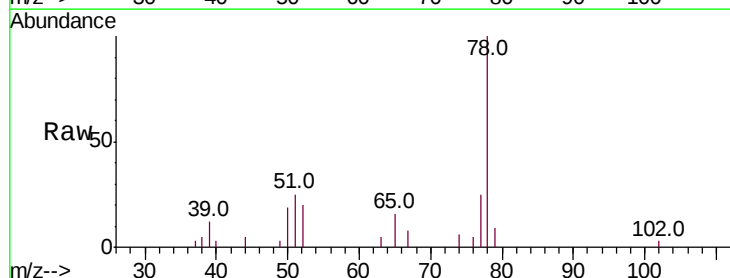
Acq: 04 Oct 2018 02:55

Tgt Ion: 78 Resp: 9589

Ion Ratio Lower Upper

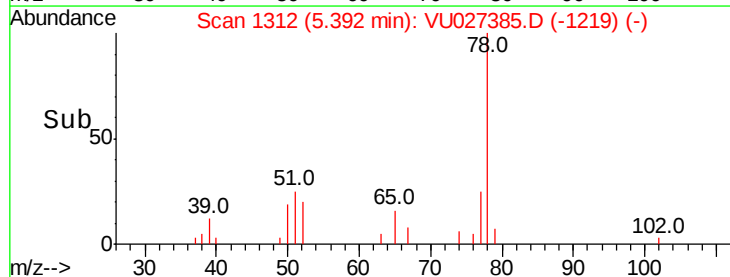
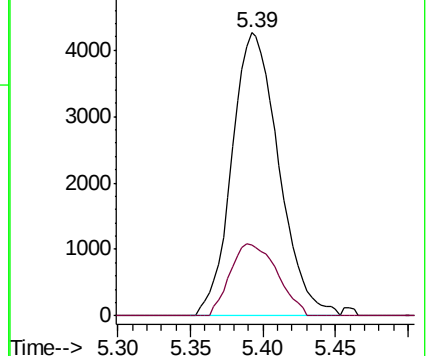
78 100

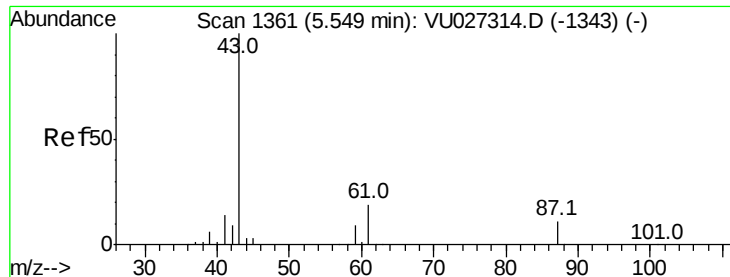
77 25.2 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#43

Isopropyl Acetate

Concen: 25.916 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

Instrument :

MSVOA_U

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293-230

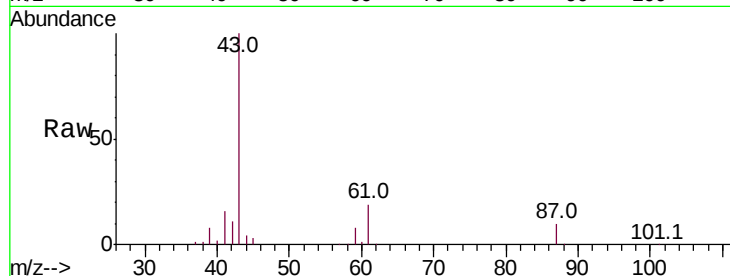
Tot Ion: 43 Resp: 92761

Ion Ratio Lower Upper

43 100

61 18.3 15.3 22.9

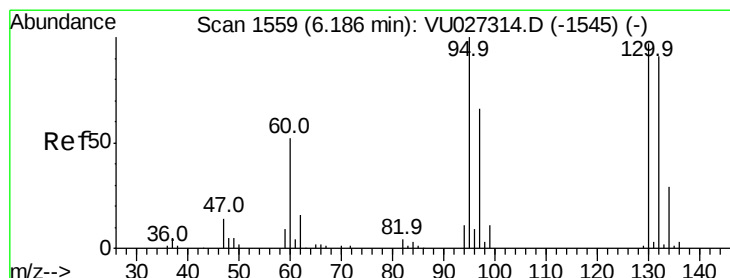
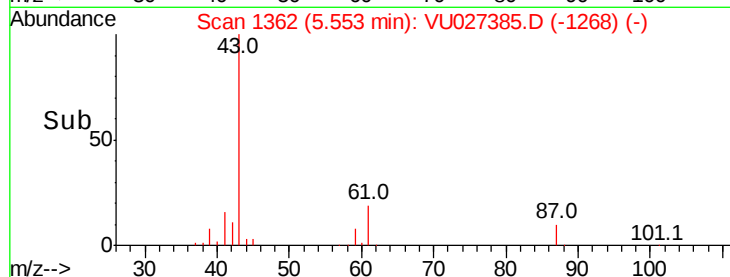
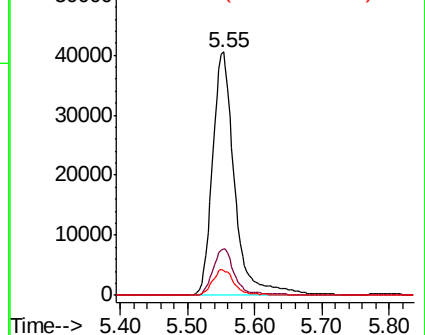
87 10.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-1343) (-)

Ion 61.00 (60.70 to 61.70): VU027314.D (-1343) (-)

Ion 87.00 (86.70 to 87.70): VU027314.D (-1343) (-)



#44

Trichloroethene

Concen: 2.898 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027385.D

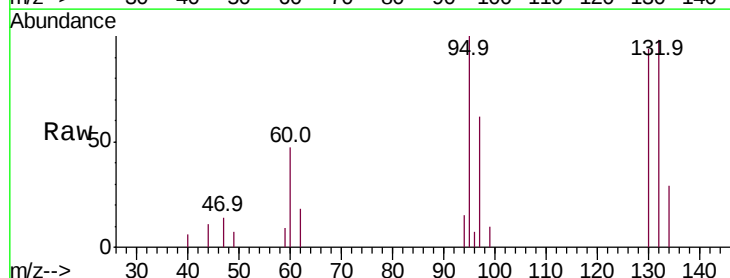
Acq: 04 Oct 2018 02:55

Tgt Ion:130 Resp: 3357

Ion Ratio Lower Upper

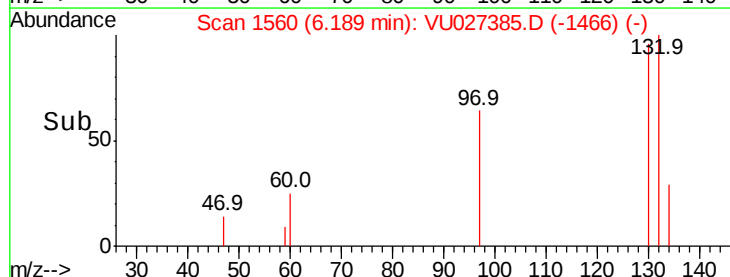
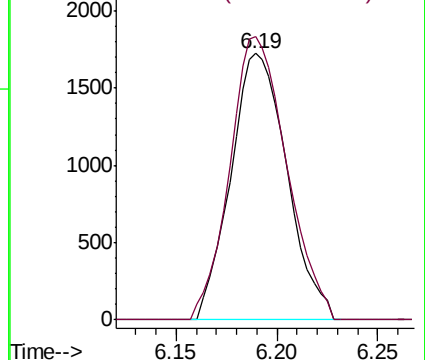
130 100

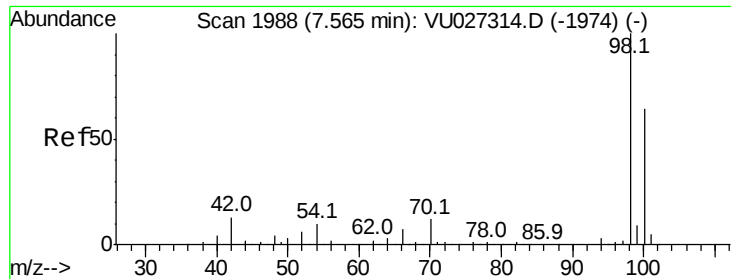
95 106.4 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VU027314.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU027314.D (-1545) (-)





#50

Toluene-d8

Concen: 60.089 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

Instrument :

MSVOA_U

ClientSampleId :

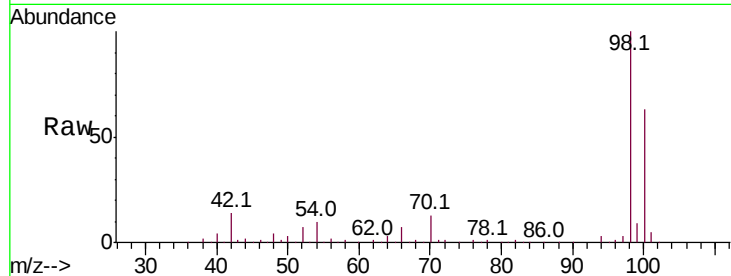
293-230

Tot Ion: 98 Resp: 253124

Ion Ratio Lower Upper

98 100

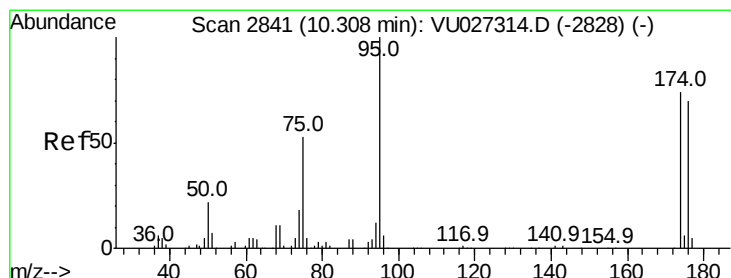
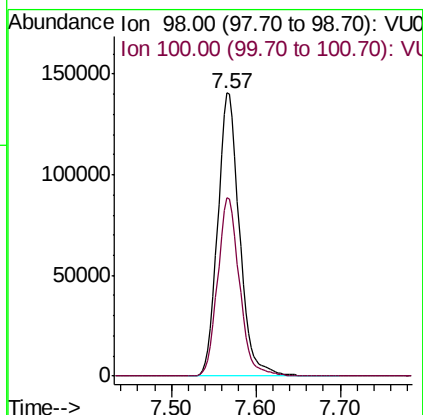
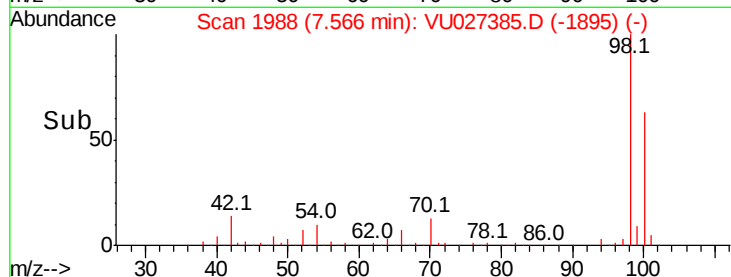
100 63.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU027314.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU027314.D (-1974) (-)

7.57



#62

4-Bromofluorobenzene

Concen: 54.648 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

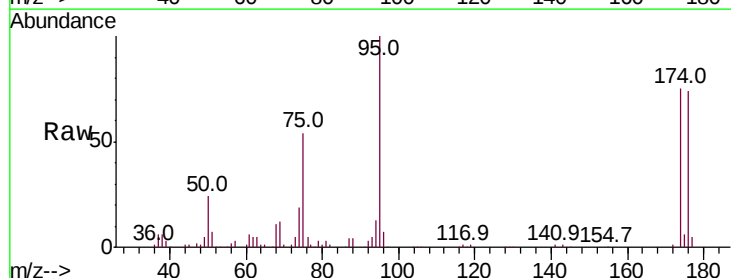
Tgt Ion: 95 Resp: 85553

Ion Ratio Lower Upper

95 100

174 74.0 0.0 147.8

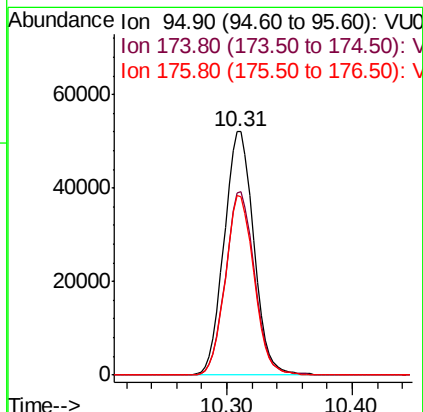
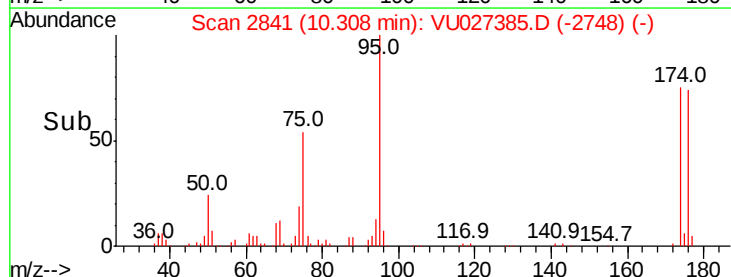
176 71.6 0.0 140.8

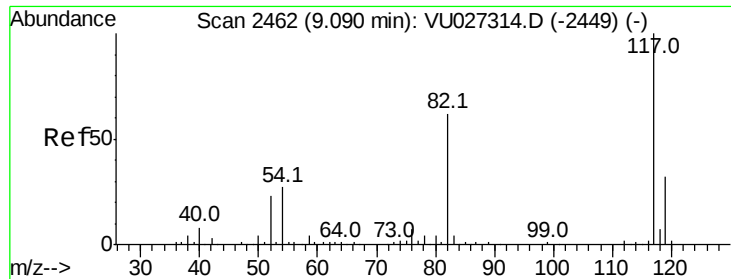


Abundance Ion 94.90 (94.60 to 95.60): VU027314.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU027314.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU027314.D (-2828) (-)

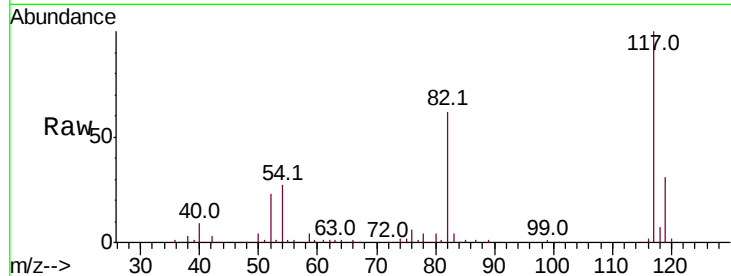




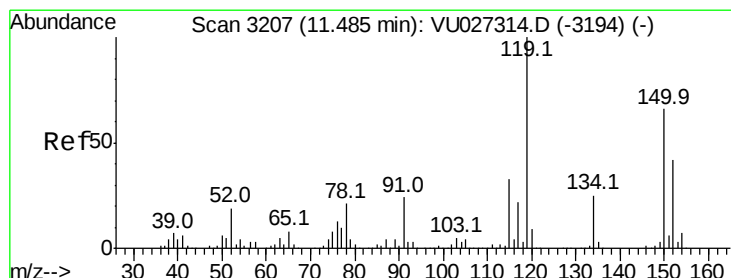
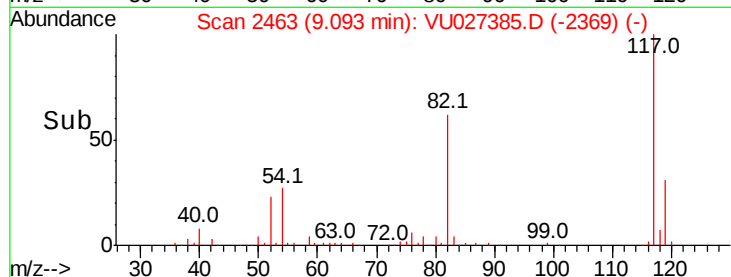
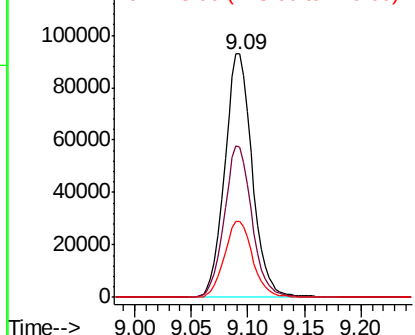
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

Instrument :
MSVOA_U
ClientSampleId :
293-230

Tot Ion:117 Resp: 157450
Ion Ratio Lower Upper
117 100
82 61.6 49.2 73.8
119 31.4 25.7 38.5

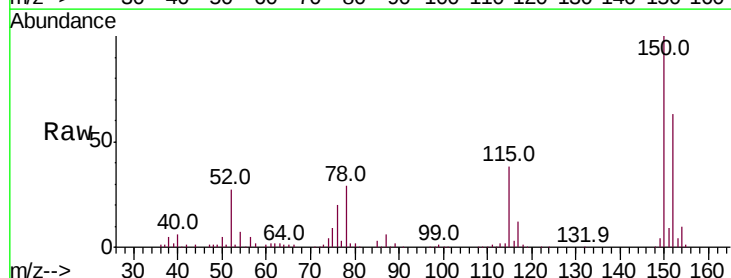


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

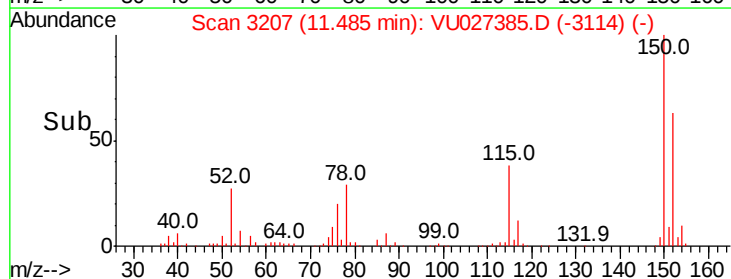
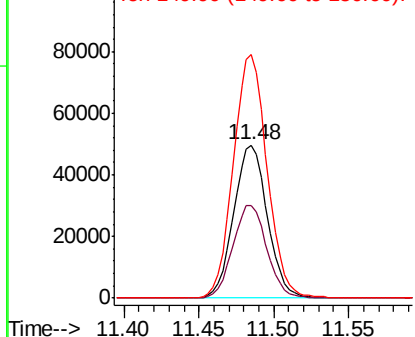


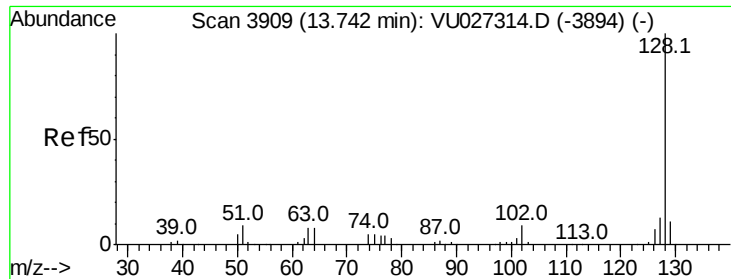
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027385.D
Acq: 04 Oct 2018 02:55

Tgt Ion:152 Resp: 77950
Ion Ratio Lower Upper
152 100
115 61.3 43.4 130.2
150 159.2 0.0 349.2



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





#95

Naphthalene

Concen: 4.796 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027385.D

Acq: 04 Oct 2018 02:55

Instrument :

MSVOA_U

ClientSampleId :

293-230

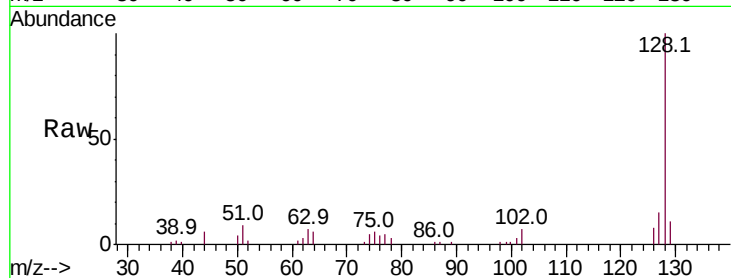
Tot Ion:128 Resp: 19116

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

15000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

