

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121918\
 Data File : VU028794.D
 Acq On : 19 Dec 2018 15:20
 Operator : MD/SY
 Sample : J6408-05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SA.PZ181I-20181208

Quant Time: Dec 20 06:21:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	122833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	209104	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	189411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74377	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	80965	43.19	ug/l	0.00
Spiked Amount			Recovery	=	86.38%	
35) Dibromofluoromethane	4.88	113	67615	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
50) Toluene-d8	7.56	98	263681	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	10.31	95	83593	42.96	ug/l	0.00
Spiked Amount			Recovery	=	85.92%	

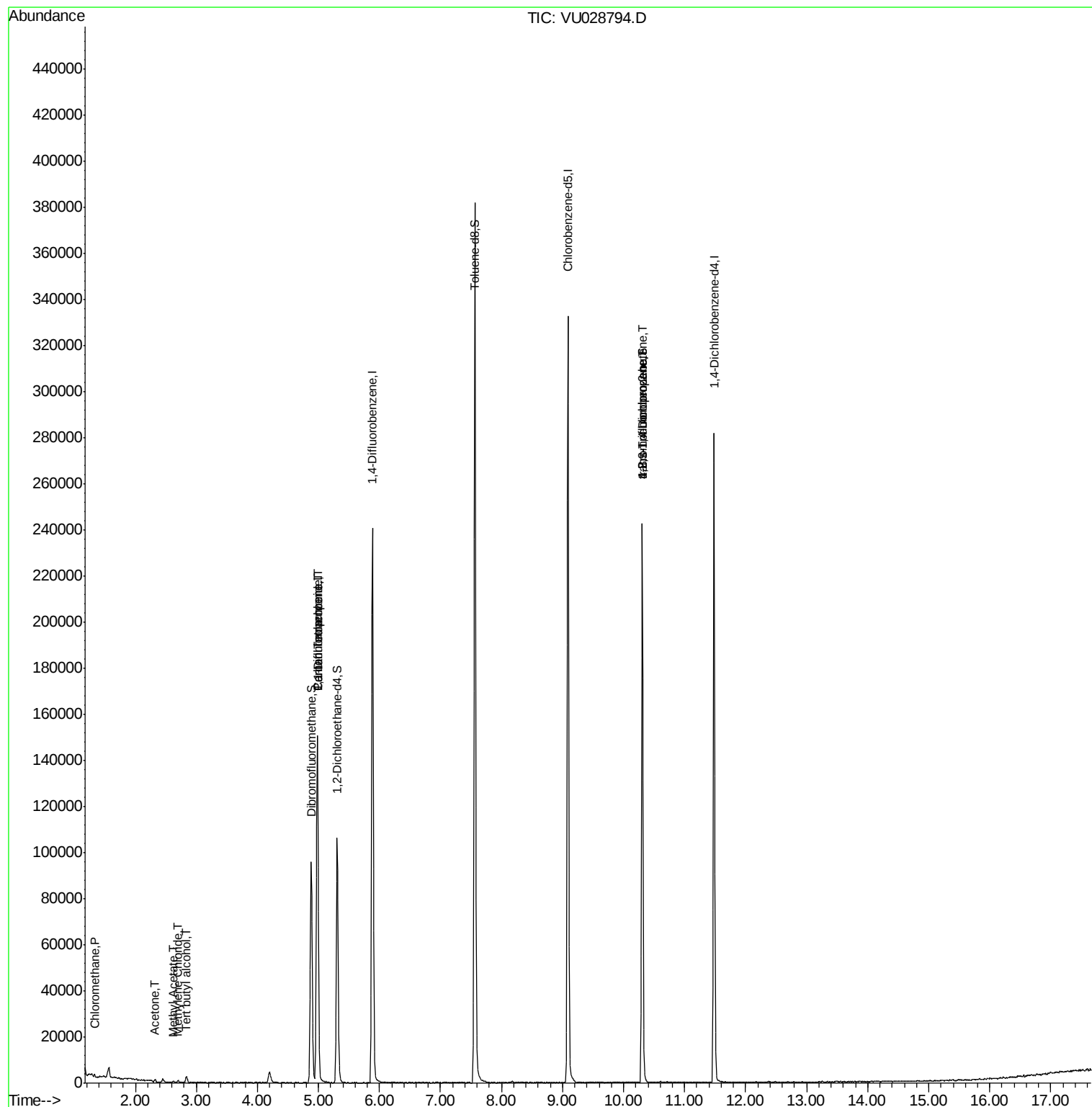
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1134	0.375	ug/l	94
11) Tert butyl alcohol	2.83	59	1857	4.446	ug/l #	73
16) Acetone	2.32	43	1363	1.114	ug/l	90
18) Methyl Acetate	2.63	43	735	0.232	ug/l #	68
20) Methylene Chloride	2.70	84	454	0.252	ug/l #	70
31) Cyclohexane	4.98	56	2059	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	9535	4.167	ug/l #	50
38) Carbon Tetrachloride	4.98	117	11053	5.993	ug/l #	14
76) 1,2,3-Trichloropropane	10.31	75	39793	20.952	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	39793	51.499	ug/l #	100

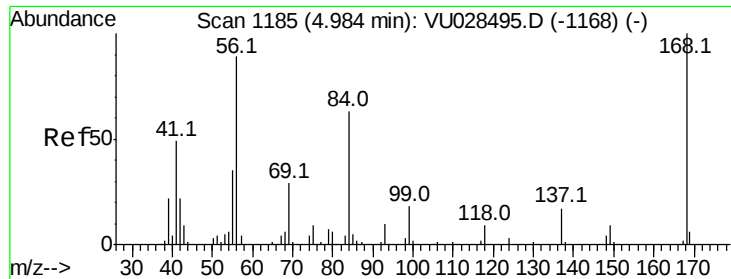
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU121918\
Data File : VU028794.D
Acq On : 19 Dec 2018 15:20
Operator : MD/SY
Sample : J6408-05
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA.PZ181I-20181208

Quant Time: Dec 20 06:21:56 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU028794.D

Acq: 19 Dec 2018 15:20

Instrument :

MSVOA_U

ClientSampleId :

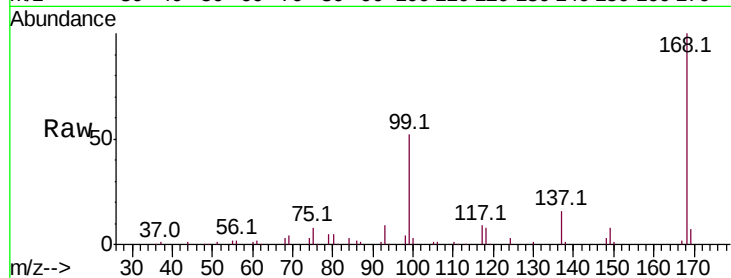
SA.PZ181I-20181208

Tot Ion:168 Resp: 122833

Ion Ratio Lower Upper

168 100

99 52.4 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.98

60000

50000

40000

30000

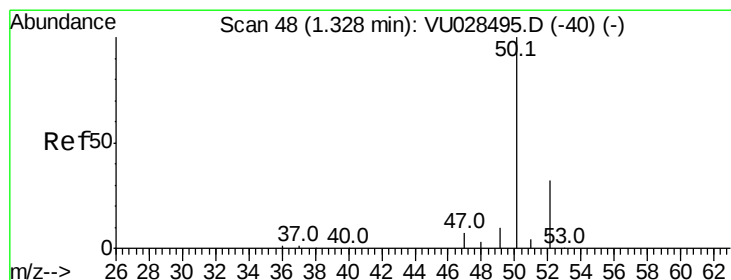
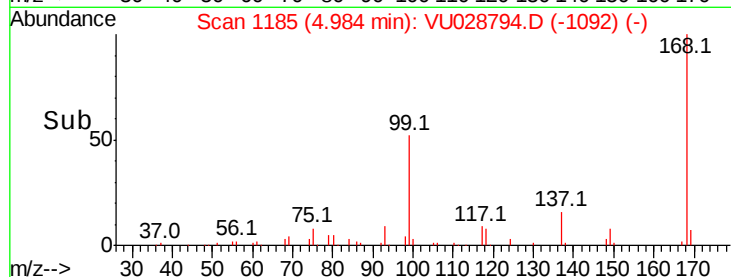
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#3

Chloromethane

Concen: 0.375 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU028794.D

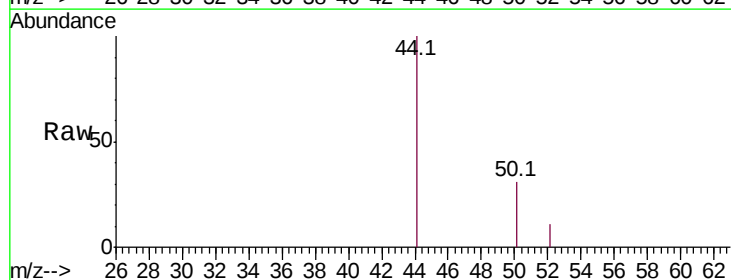
Acq: 19 Dec 2018 15:20

Tgt Ion: 50 Resp: 1134

Ion Ratio Lower Upper

50 100

52 35.4 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VU028495.D (-40) (-)

Ion 51.90 (51.60 to 52.60): VU028495.D (-40) (-)

1.33

1000

800

600

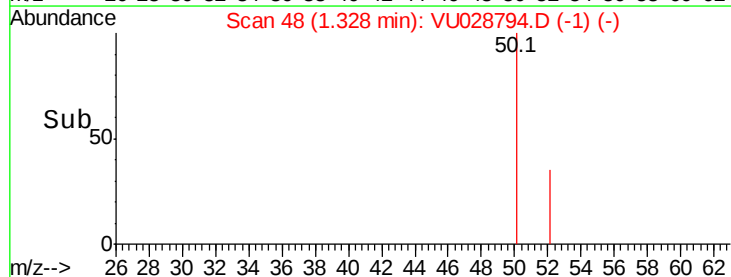
400

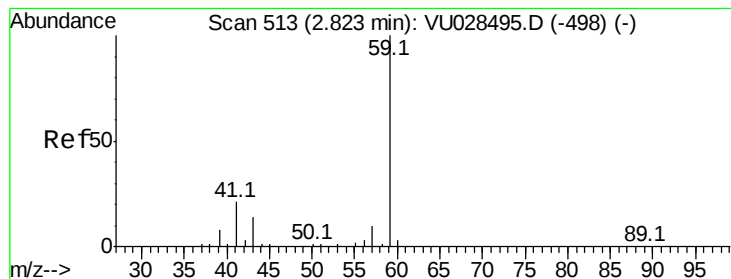
200

0

1.30 1.35

Time-->



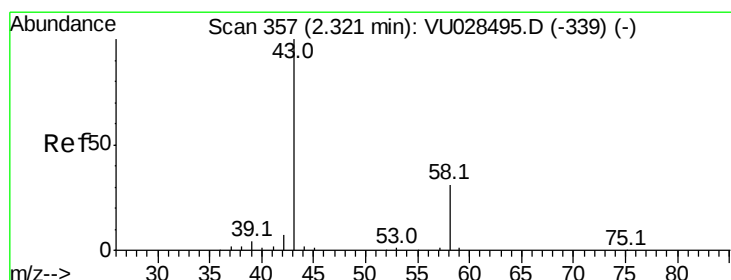
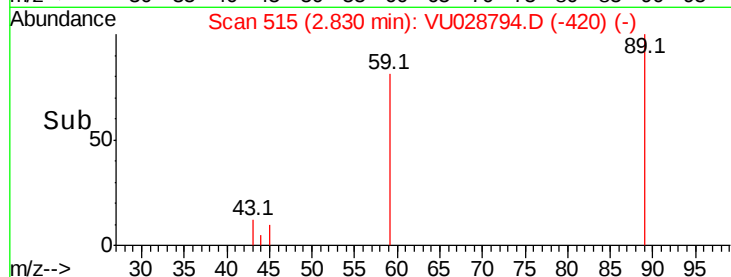
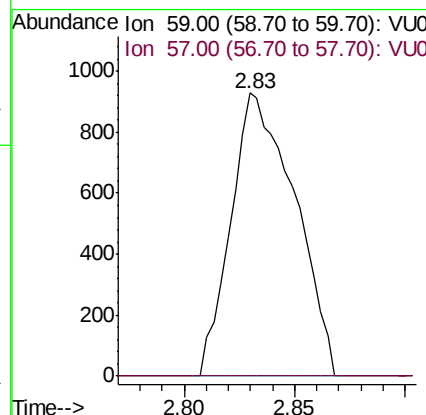
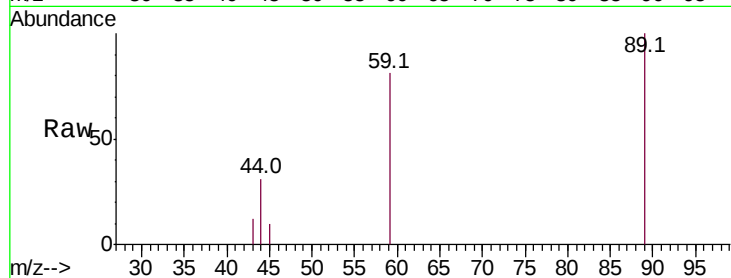


#11

Tert butyl alcohol
 Concen: 4.446 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. 0.01 min
 Lab File: VU028794.D
 Acq: 19 Dec 2018 15:20

Instrument :
 MSVOA_U
 ClientSampleId :
 SA.PZ181I-20181208

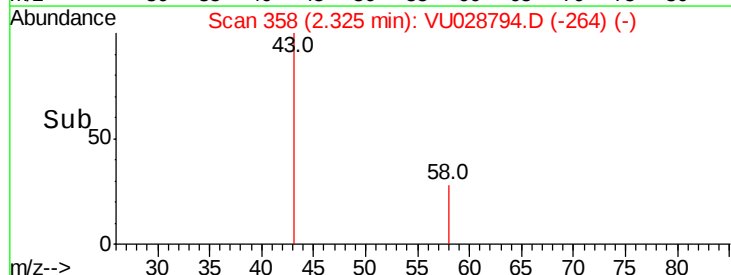
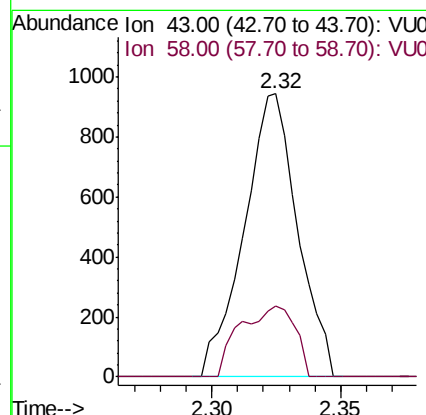
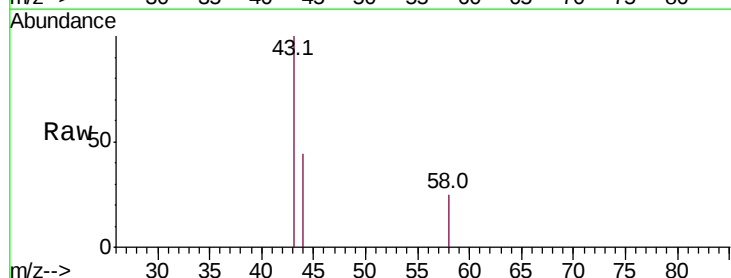
Tot Ion: 59 Resp: 1857
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.0 12.0#

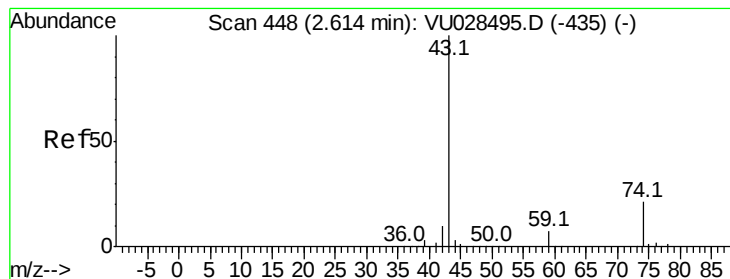


#16

Acetone
 Concen: 1.114 ug/l
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU028794.D
 Acq: 19 Dec 2018 15:20

Tgt Ion: 43 Resp: 1363
 Ion Ratio Lower Upper
 43 100
 58 25.2 24.6 37.0





#18

Methyl Acetate

Concen: 0.232 ug/l

RT: 2.63 min Scan# 452

Delta R.T. 0.01 min

Lab File: VU028794.D

Acq: 19 Dec 2018 15:20

Instrument :

MSVOA_U

ClientSampleId :

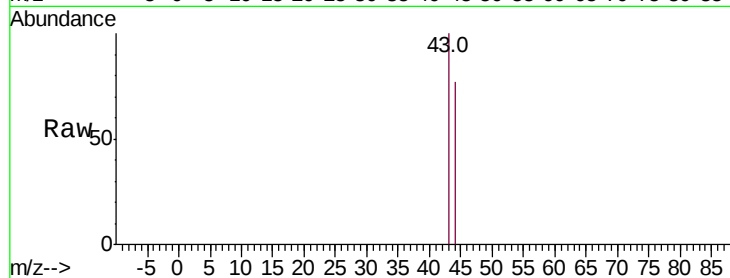
SA.PZ181I-20181208

Tot Ion: 43 Resp: 735

Ion Ratio Lower Upper

43 100

74 5.7 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.63

400

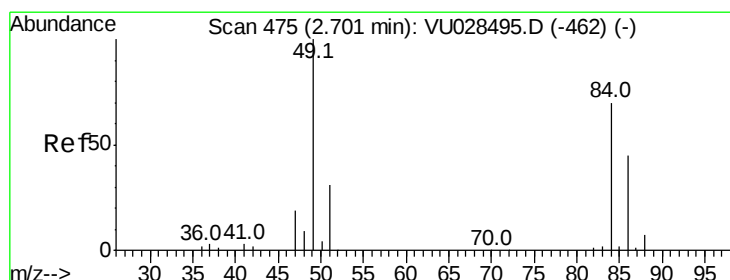
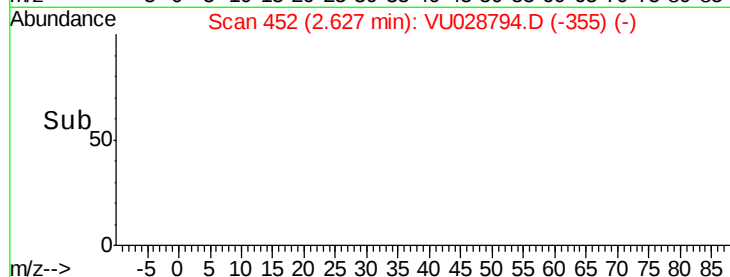
300

200

100

0

Time-->



#20

Methylene Chloride

Concen: 0.252 ug/l

RT: 2.70 min Scan# 474

Delta R.T. -0.00 min

Lab File: VU028794.D

Acq: 19 Dec 2018 15:20

Tgt Ion: 84 Resp: 454

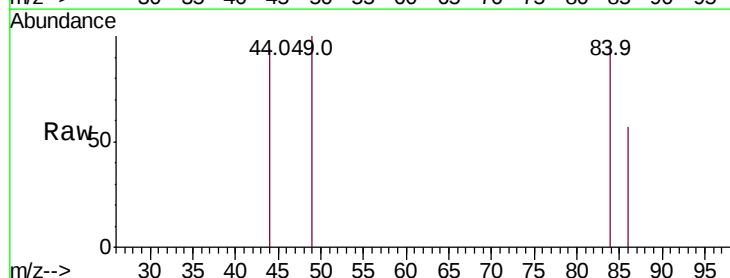
Ion Ratio Lower Upper

84 100

49 105.1 114.0 171.0#

51 0.0 35.1 52.7#

86 60.3 51.0 76.6



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

600

500

400

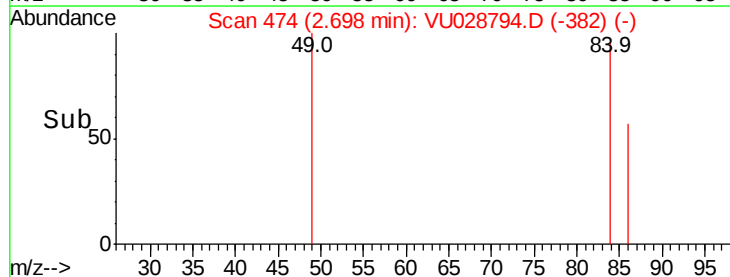
300

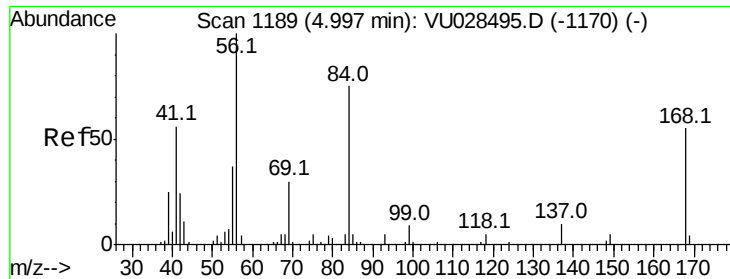
200

100

0

Time-->

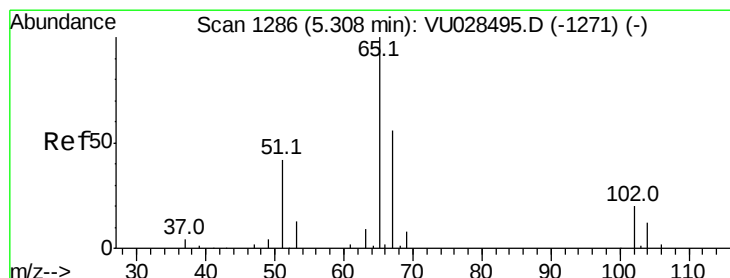
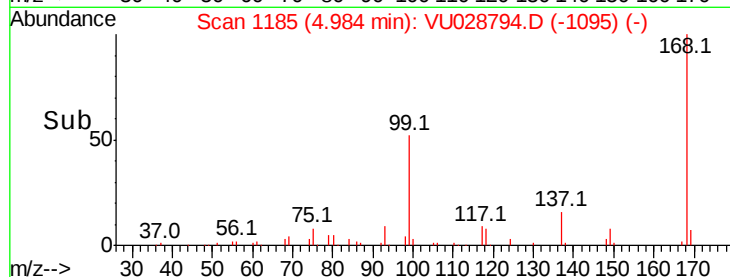
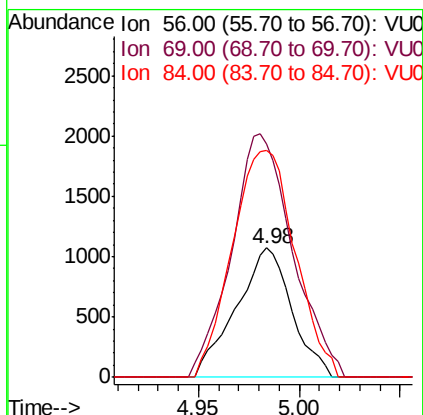
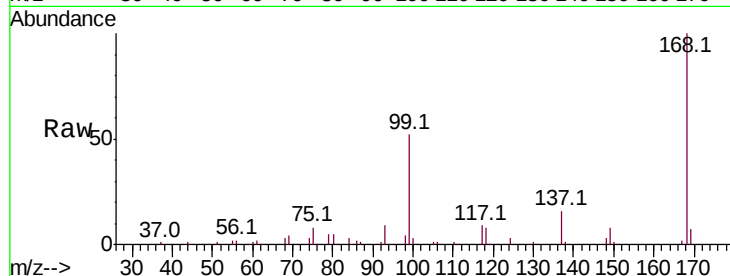




#31
Cyclohexane
Concen: Below Cal
RT: 4.98 min Scan# 1185
Delta R.T. -0.01 min
Lab File: VU028794.D
Acq: 19 Dec 2018 15:20

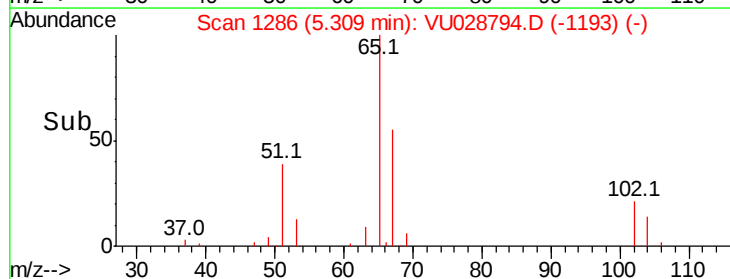
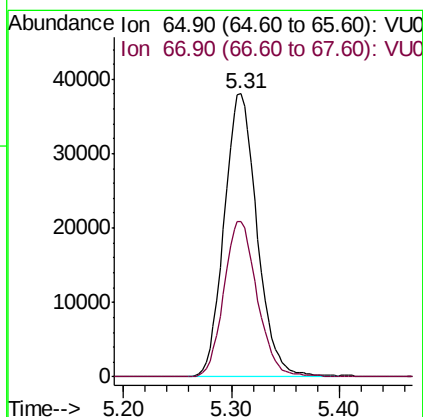
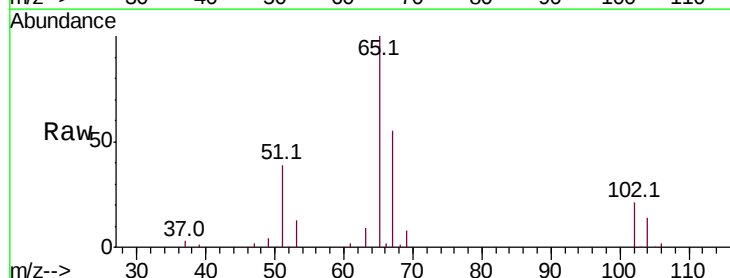
Instrument :
MSVOA_U
ClientSampleId :
SA.PZ181I-20181208

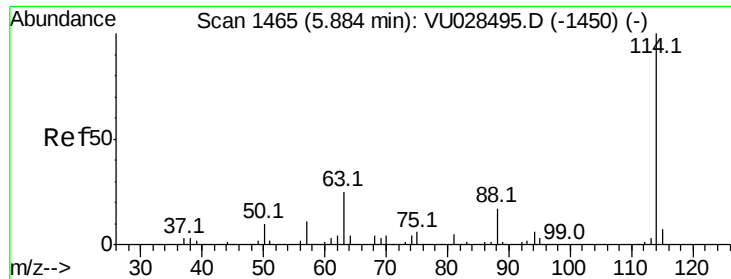
Tot Ion: 56 Resp: 2059
Ion Ratio Lower Upper
56 100
69 180.7 24.0 36.0#
84 175.6 59.7 89.5#



#33
1,2-Dichloroethane-d4
Concen: 43.193 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU028794.D
Acq: 19 Dec 2018 15:20

Tgt Ion: 65 Resp: 80965
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.6

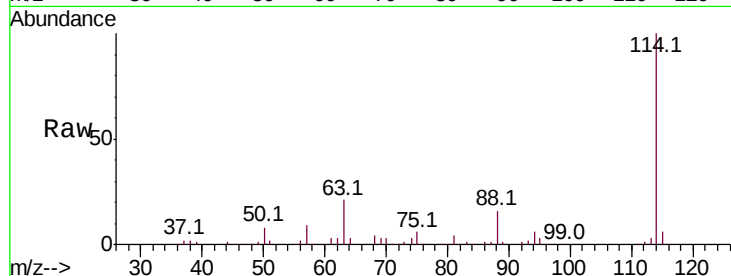




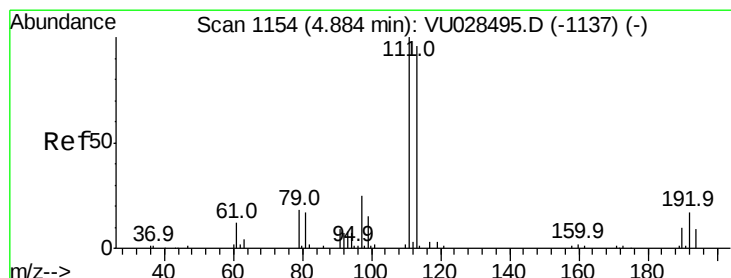
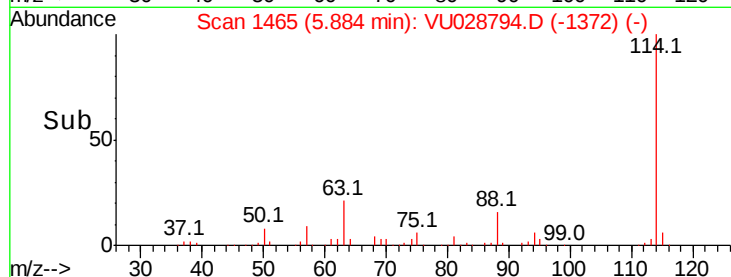
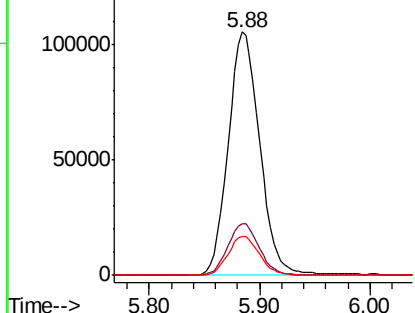
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU028794.D
 Acq: 19 Dec 2018 15:20

Instrument :
 MSVOA_U
 ClientSampleId :
 SA.PZ181I-20181208

Tot Ion:	114	Resp:	209104
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	49.2
88	15.9	0.0	33.4

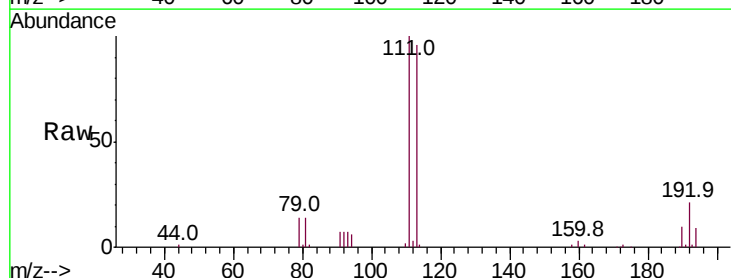


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

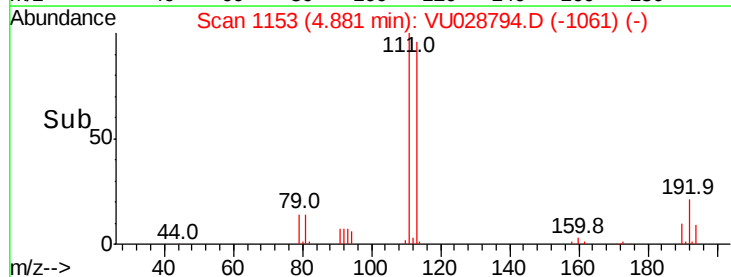
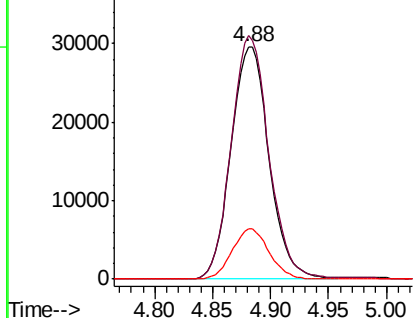


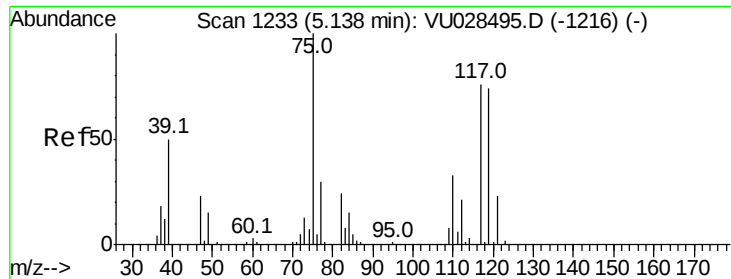
#35
 Dibromofluoromethane
 Concen: 51.383 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: VU028794.D
 Acq: 19 Dec 2018 15:20

Tgt Ion:	113	Resp:	67615
Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.4	125.0
192	20.9	14.8	22.2



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

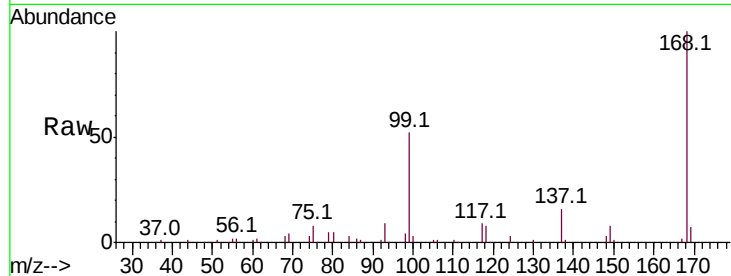




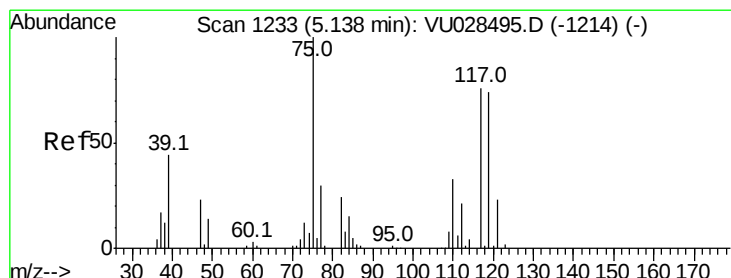
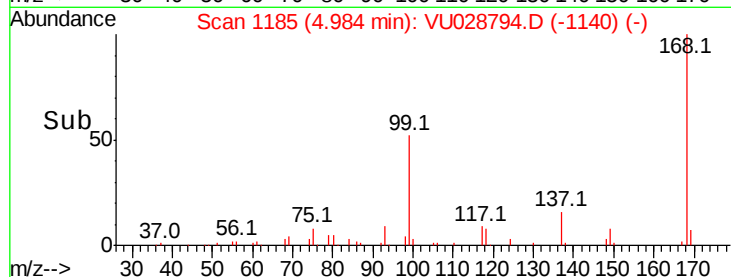
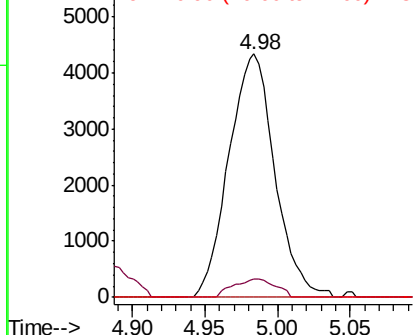
#36
 1,1-Dichloropropene
 Concen: 4.167 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028794.D
 Acq: 19 Dec 2018 15:20

Instrument :
 MSVOA_U
 ClientSampleId :
 SA.PZ181I-20181208

Tot Ion	Ratio	Lower	Upper
75	100		
110	6.9	16.1	48.2#
77	0.0	24.5	36.7#

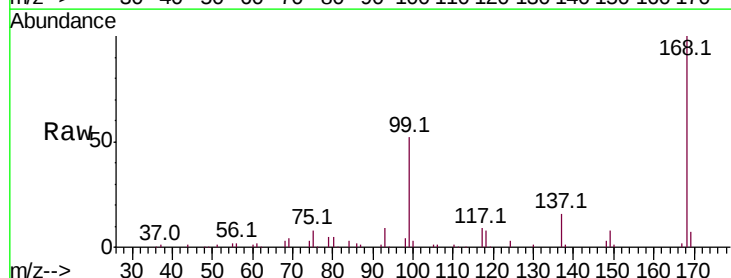


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VU0

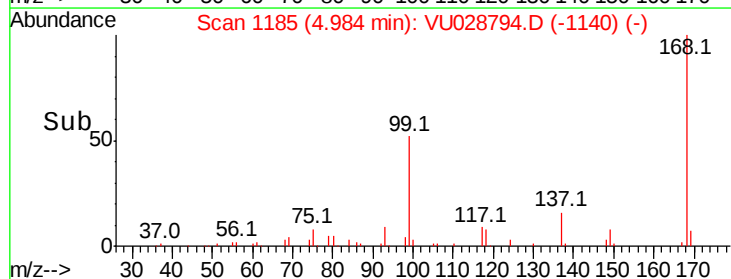
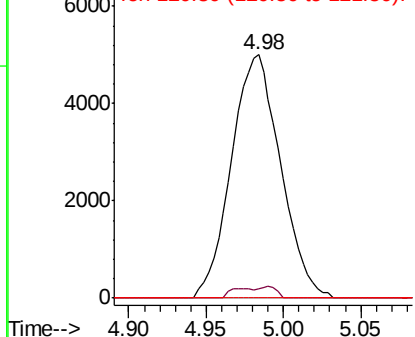


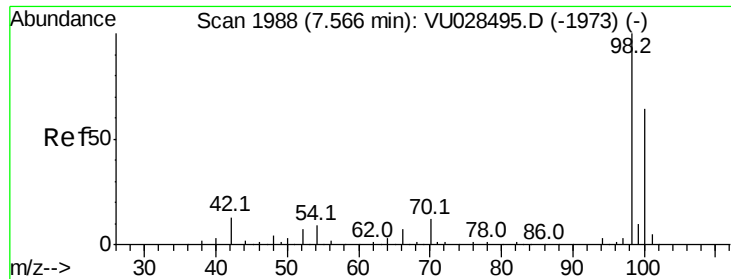
#38
 Carbon Tetrachloride
 Concen: 5.993 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU028794.D
 Acq: 19 Dec 2018 15:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.6	116.4#
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





#50

Toluene-d8

Concen: 50.654 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028794.D

Acq: 19 Dec 2018 15:20

Instrument :

MSVOA_U

ClientSampleId :

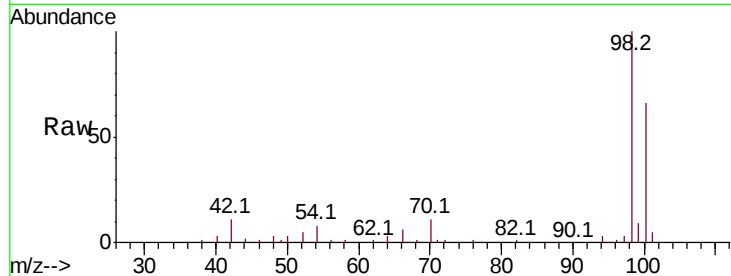
SA.PZ181I-20181208

Tot Ion: 98 Resp: 263681

Ion Ratio Lower Upper

98 100

100 64.7 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028495.D (-1973) (-)

Ion 100.00 (99.70 to 100.70): VU028495.D (-1973) (-)

7.56

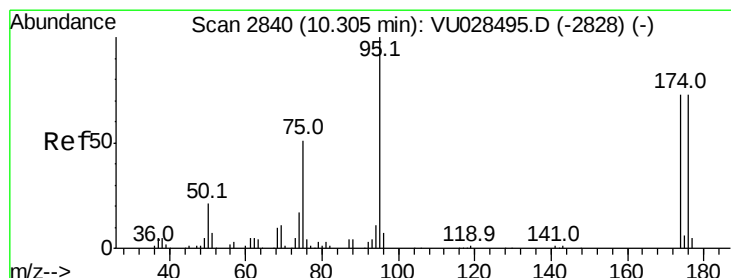
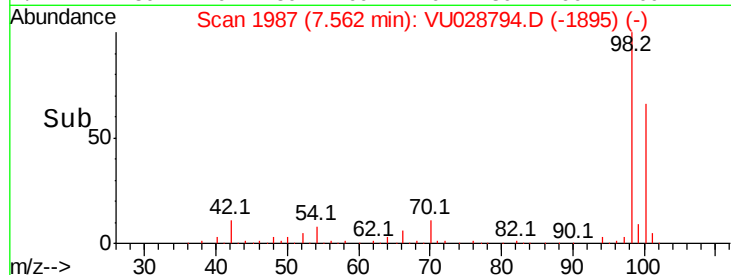
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.965 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028794.D

Acq: 19 Dec 2018 15:20

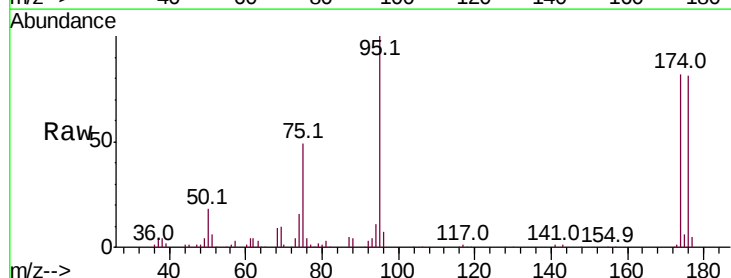
Tgt Ion: 95 Resp: 83593

Ion Ratio Lower Upper

95 100

174 82.0 0.0 150.4

176 79.1 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028495.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028495.D (-2828) (-)

10.31

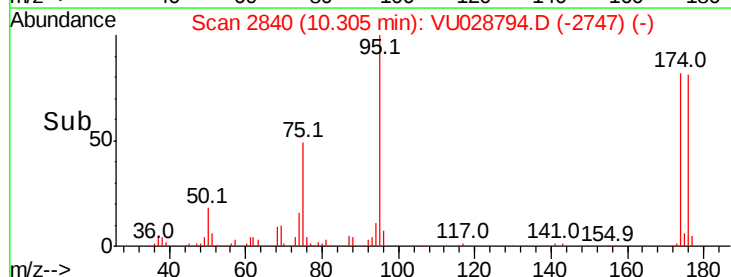
60000

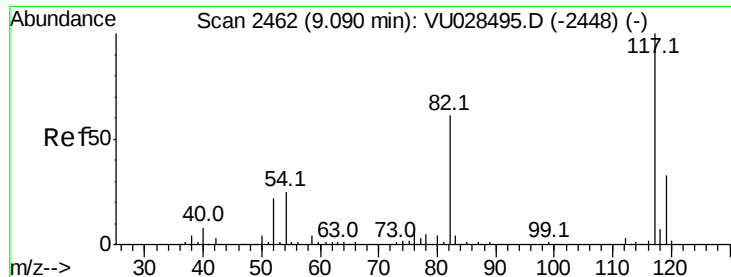
40000

20000

0

Time-->

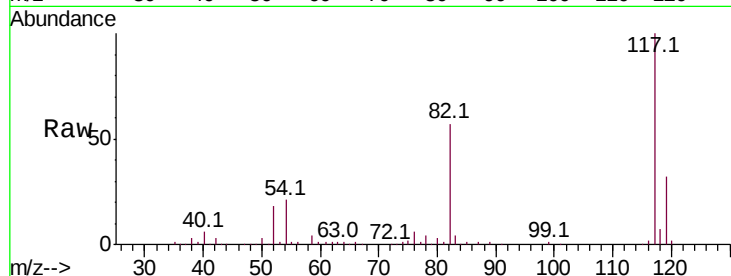




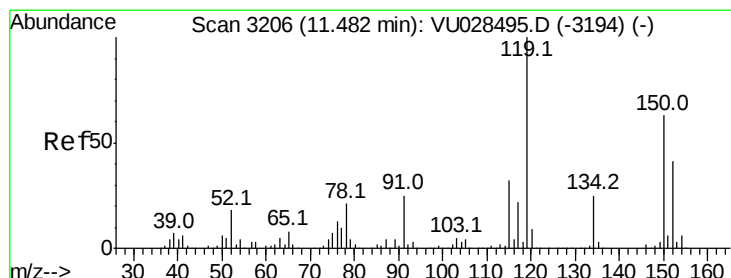
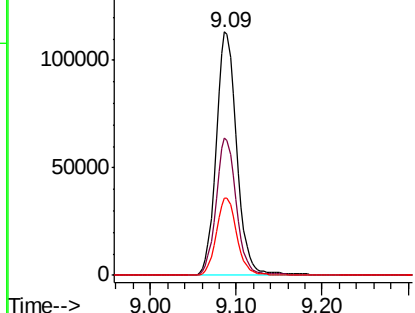
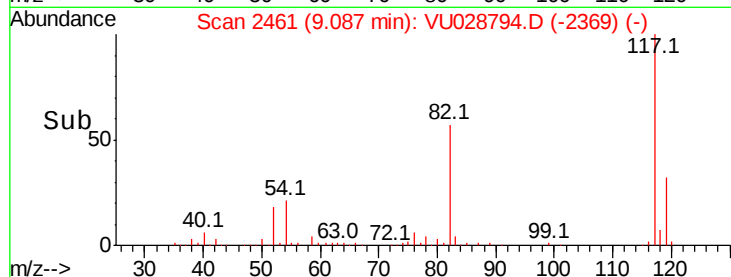
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. -0.00 min
Lab File: VU028794.D
Acq: 19 Dec 2018 15:20

Instrument :
MSVOA_U
ClientSampleId :
SA.PZ181I-20181208

Tot Ion:117 Resp: 189411
Ion Ratio Lower Upper
117 100
82 56.6 48.9 73.3
119 31.7 26.2 39.4

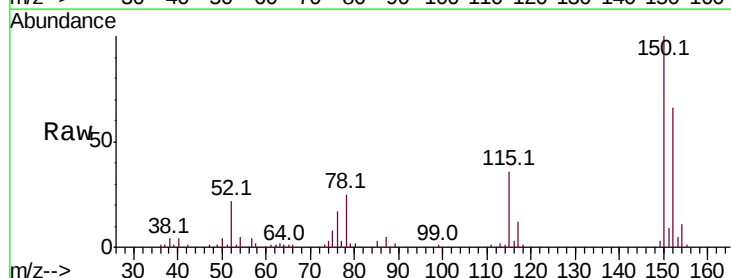


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

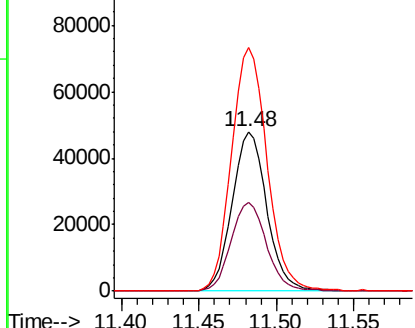
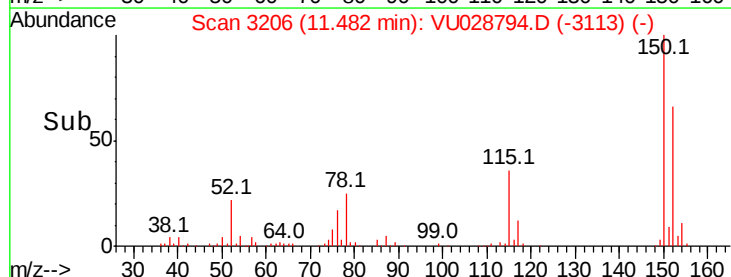


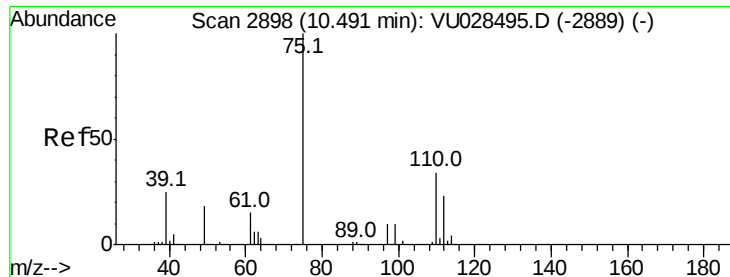
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028794.D
Acq: 19 Dec 2018 15:20

Tgt Ion:152 Resp: 74377
Ion Ratio Lower Upper
152 100
115 57.0 42.7 128.1
150 157.3 0.0 346.0



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





#76

1,2,3-Trichloropropane

Concen: 20.952 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028794.D

Acq: 19 Dec 2018 15:20

Instrument :

MSVOA_U

ClientSampleId :

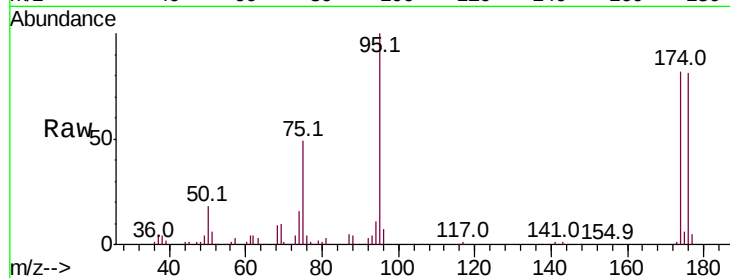
SA.PZ181I-20181208

Tot Ion: 75 Resp: 39793

Ion Ratio Lower Upper

75 100

77 1.3 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

10.31

25000

20000

15000

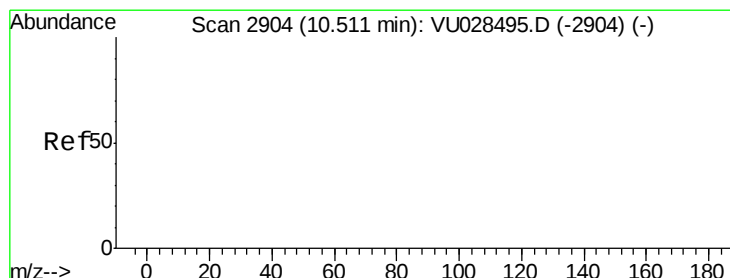
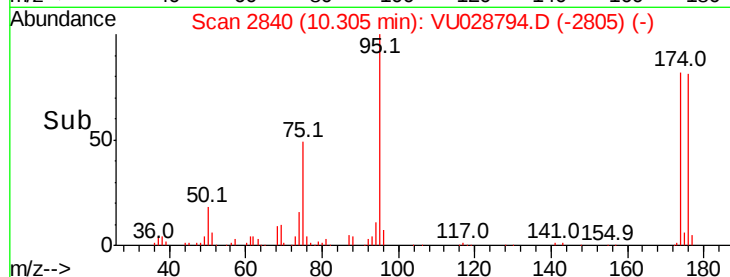
10000

5000

0

Time-->

10.25 10.30 10.35 10.40



#81

trans-1,4-Dichloro-2-butene

Concen: 51.499 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.20 min

Lab File: VU028794.D

Acq: 19 Dec 2018 15:20

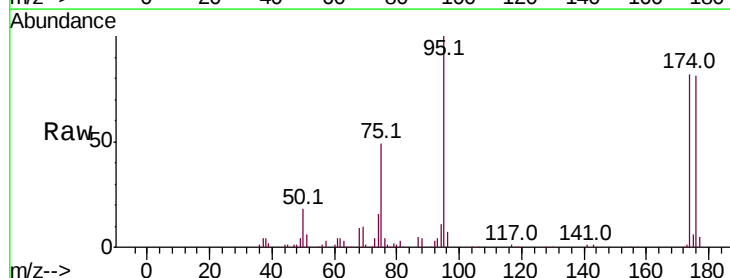
Tgt Ion: 75 Resp: 39793

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

10.31

30000

20000

10000

0

Time-->

10.25 10.30 10.35 10.40

