

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121718\
 Data File : VU028741.D
 Acq On : 18 Dec 2018 00:22
 Operator : MD/SY
 Sample : J6413-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 18 07:37:59 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

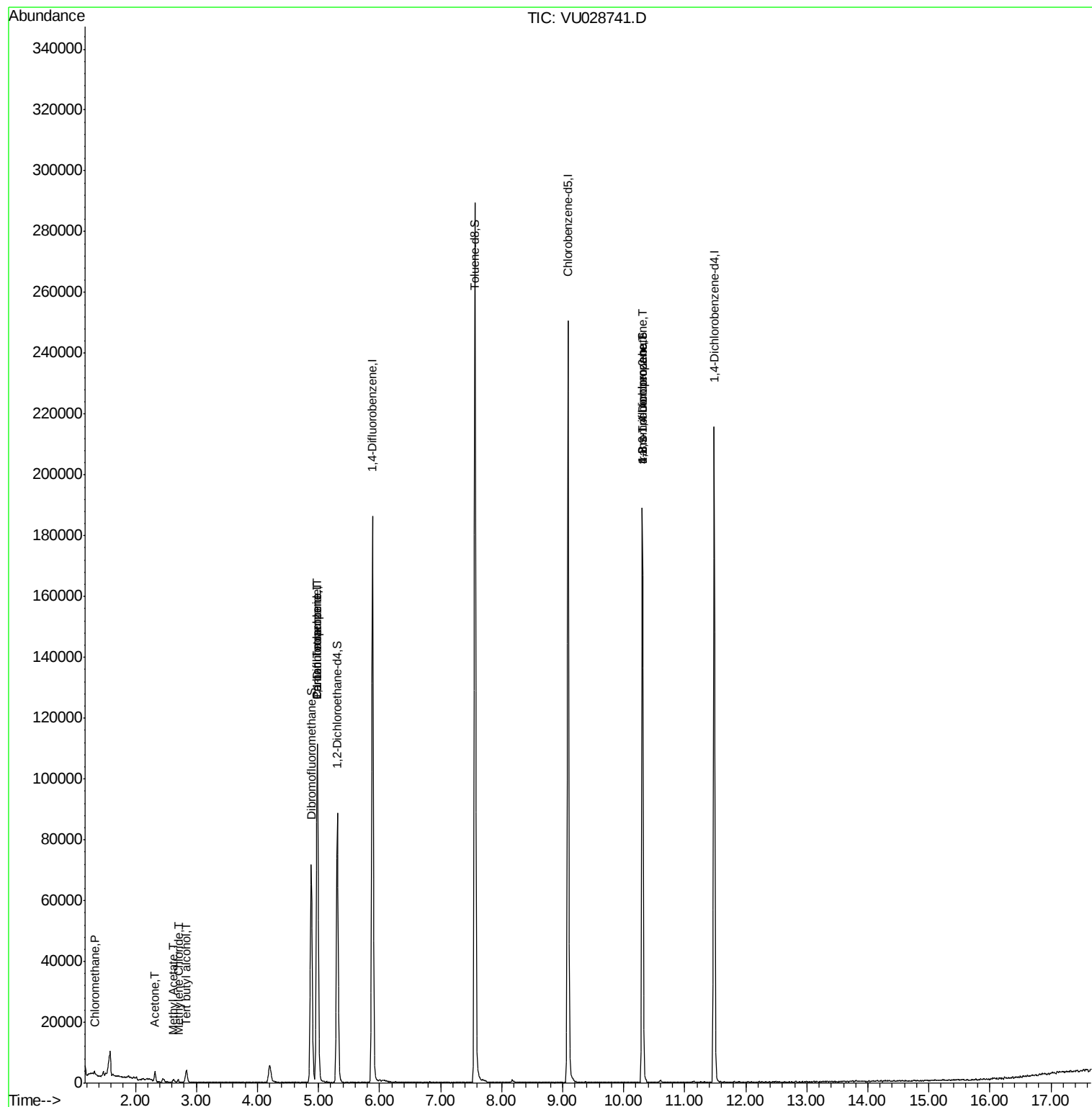
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	83056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	147539	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	133328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	52743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	66098	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
35) Dibromofluoromethane	4.88	113	50064	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
50) Toluene-d8	7.56	98	191369	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
62) 4-Bromofluorobenzene	10.31	95	63086	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.33	50	1264	0.618	ug/l	97
11) Tert butyl alcohol	2.84	59	3122	11.056	ug/l #	73
16) Acetone	2.32	43	3544	4.285	ug/l	100
18) Methyl Acetate	2.62	43	1519	0.708	ug/l #	76
20) Methylene Chloride	2.70	84	296	0.243	ug/l	95
31) Cyclohexane	4.98	56	1841	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7515	4.655	ug/l #	48
38) Carbon Tetrachloride	4.98	117	8422	6.472	ug/l #	16
76) 1,2,3-Trichloropropane	10.31	75	33053	24.542	ug/l #	36
81) trans-1,4-Dichloro-2-buten	10.31	75	33053	60.232	ug/l #	100

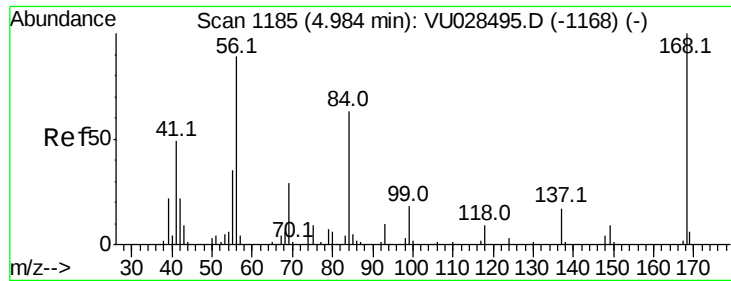
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU028741.D

Acq: 18 Dec 2018 00:22

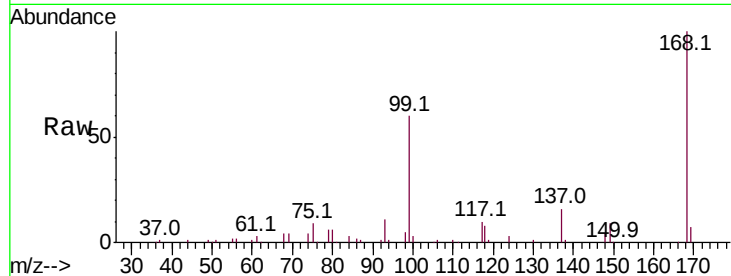
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:168 Resp: 83056

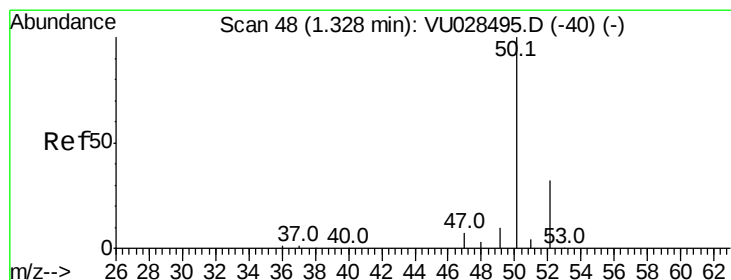
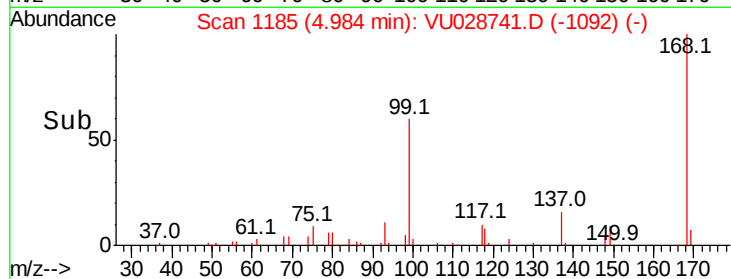
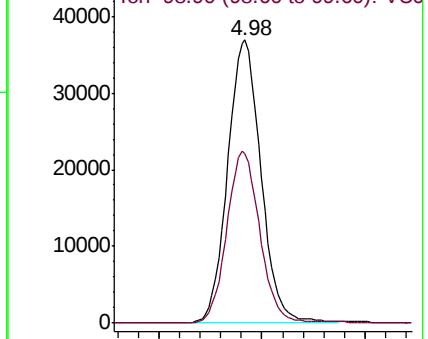
Ion Ratio Lower Upper

168 100

99 60.1 46.6 69.8



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



#3

Chloromethane

Concen: 0.618 ug/l

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU028741.D

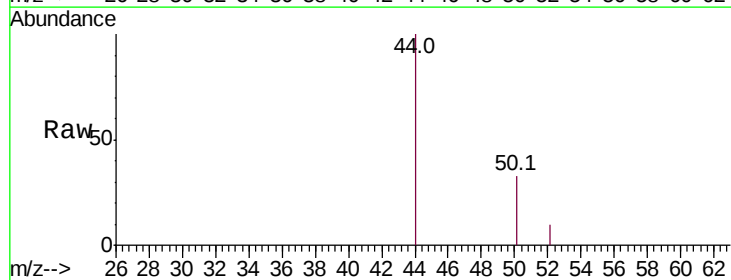
Acq: 18 Dec 2018 00:22

Tgt Ion: 50 Resp: 1264

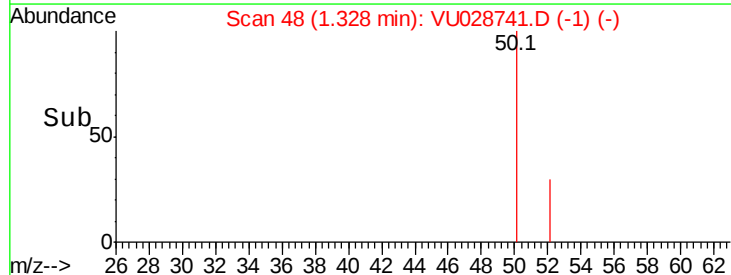
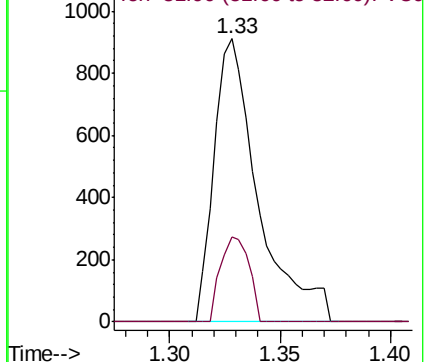
Ion Ratio Lower Upper

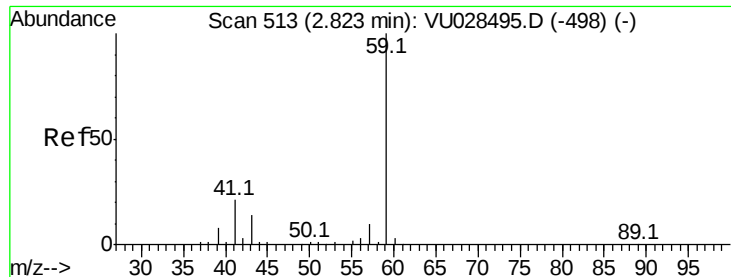
50 100

52 30.0 25.5 38.3



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

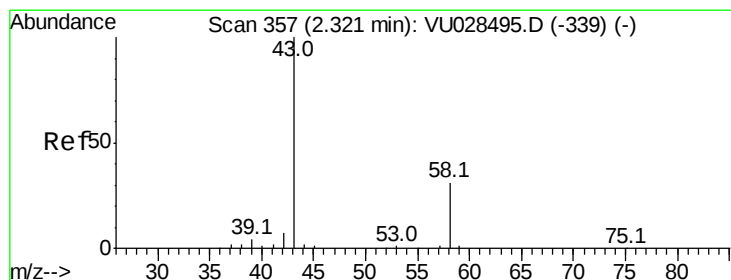
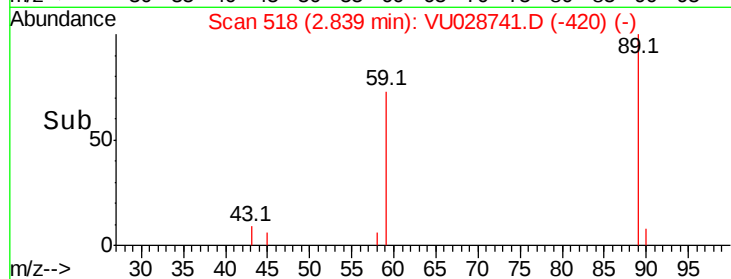
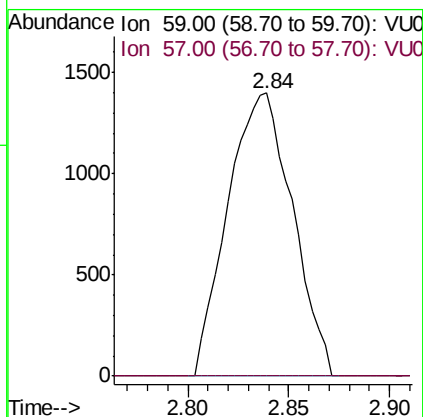
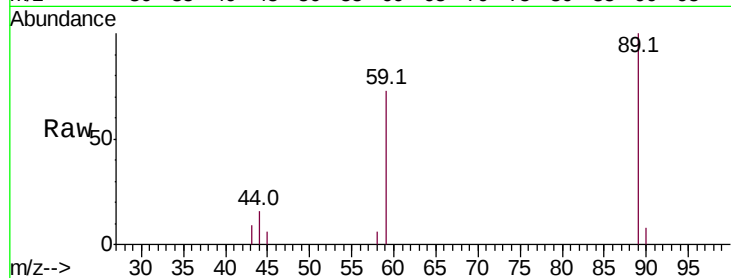




#11
Tert butyl alcohol
Concen: 11.056 ug/l
RT: 2.84 min Scan# 518
Delta R.T. 0.02 min
Lab File: VU028741.D
Acq: 18 Dec 2018 00:22

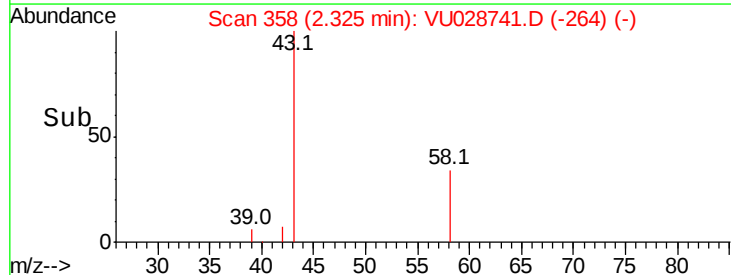
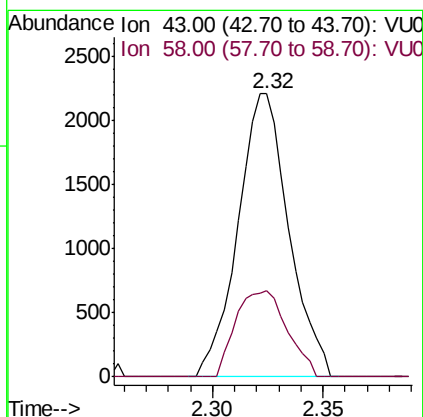
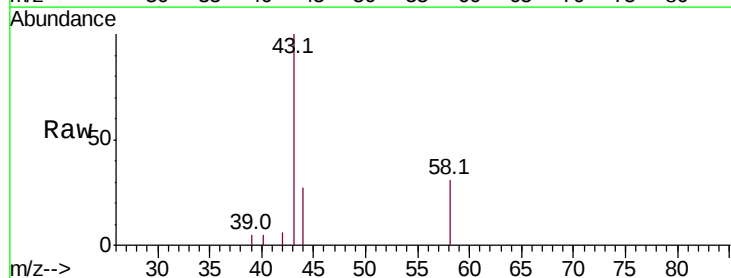
Instrument :
MSVOA_U
ClientSampleId :

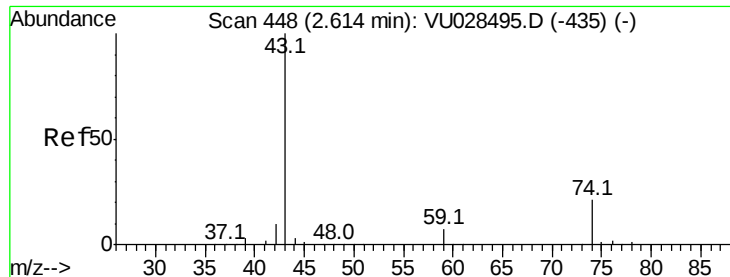
Tot Ion: 59 Resp: 3122
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#16
Acetone
Concen: 4.285 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU028741.D
Acq: 18 Dec 2018 00:22

Tgt Ion: 43 Resp: 3544
Ion Ratio Lower Upper
43 100
58 30.6 24.6 37.0





#18

Methvl Acetate

Concen: 0.708 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU028741.D

Acq: 18 Dec 2018 00:22

Instrument :

MSVOA_U

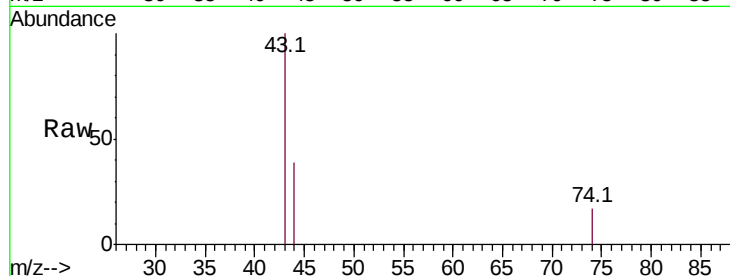
ClientSampleId :

Tot Ion: 43 Resp: 1519

Ion Ratio Lower Upper

43 100

74 9.5 16.4 24.6#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

2.62

800

600

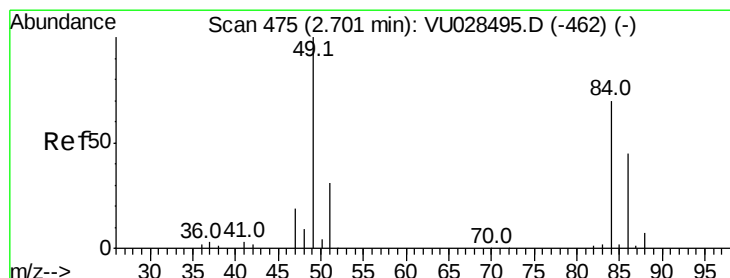
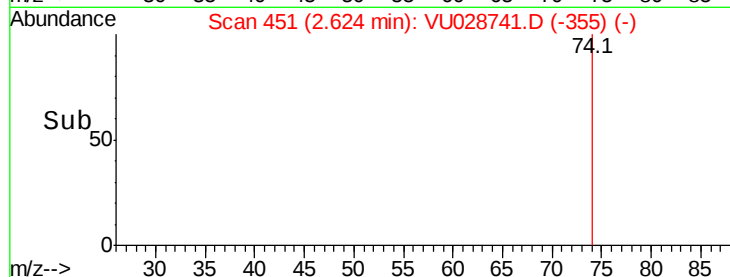
400

200

0

2.60 2.65

Time-->



#20

Methylene Chloride

Concen: 0.243 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU028741.D

Acq: 18 Dec 2018 00:22

Tgt Ion: 84 Resp: 296

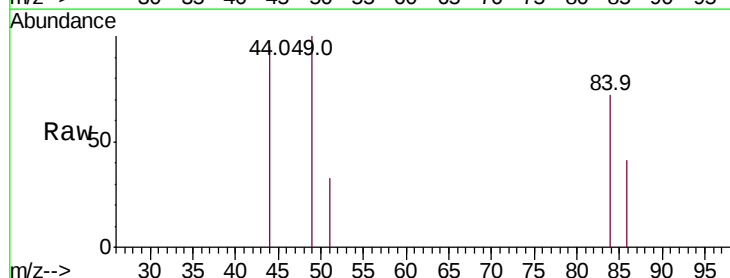
Ion Ratio Lower Upper

84 100

49 138.1 114.0 171.0

51 44.9 35.1 52.7

86 56.3 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

500

400

300

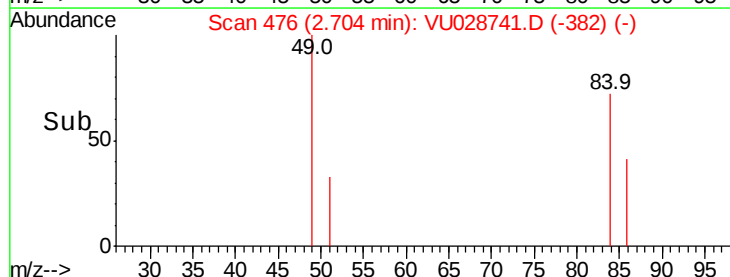
200

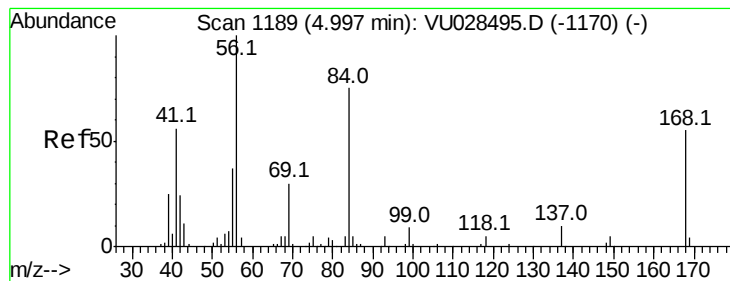
100

0

2.68 2.70 2.72

Time-->





#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1183

Delta R.T. -0.02 min

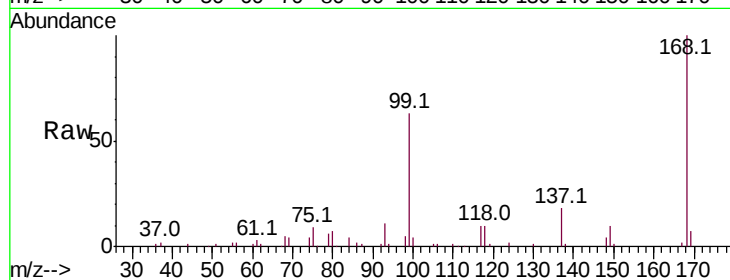
Lab File: VU028741.D

Acq: 18 Dec 2018 00:22

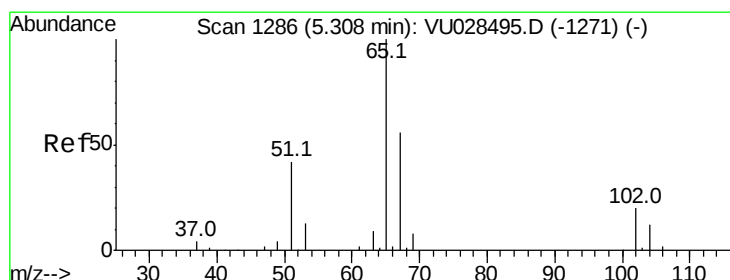
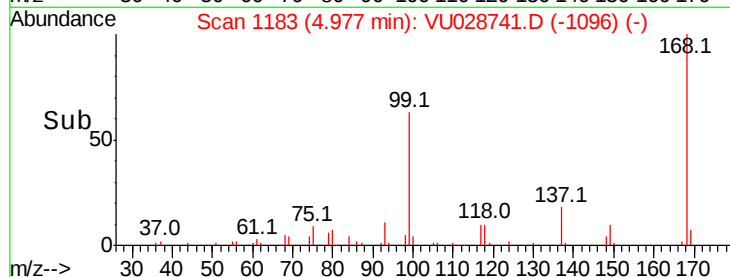
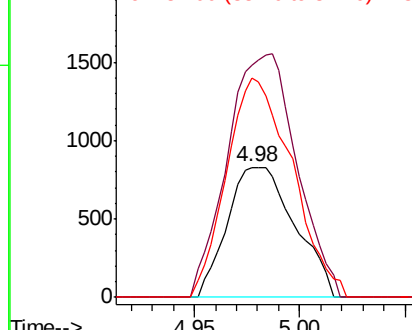
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 56 Resp: 1841

Ion	Ratio	Lower	Upper
56	100		
69	178.4	24.0	36.0#
84	168.7	59.7	89.5#



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: 52.149 ug/l

RT: 5.31 min Scan# 1286

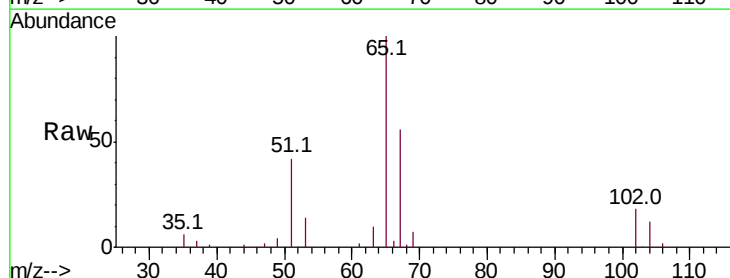
Delta R.T. 0.00 min

Lab File: VU028741.D

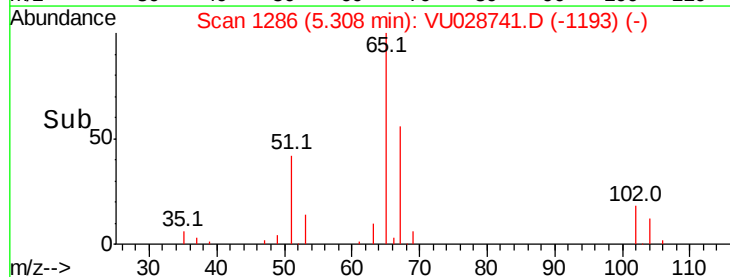
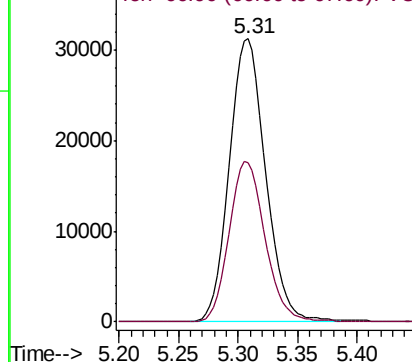
Acq: 18 Dec 2018 00:22

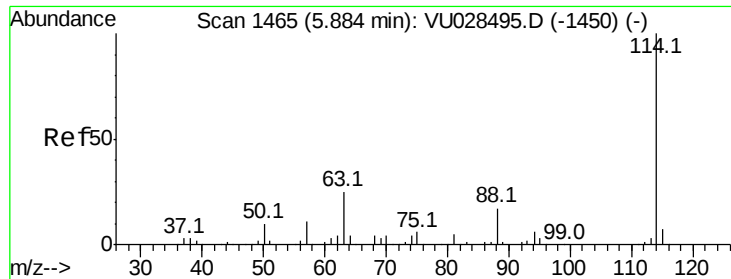
Tgt Ion: 65 Resp: 66098

Ion	Ratio	Lower	Upper
65	100		
67	56.0	0.0	110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU028741.D

Acq: 18 Dec 2018 00:22

Instrument :

MSVOA_U

ClientSampleId :

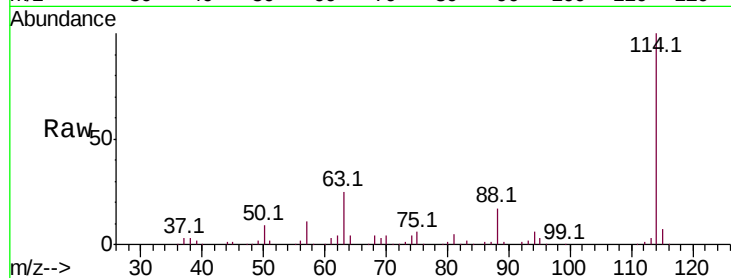
Tot Ion:114 Resp: 147539

Ion Ratio Lower Upper

114 100

63 24.6 0.0 49.2

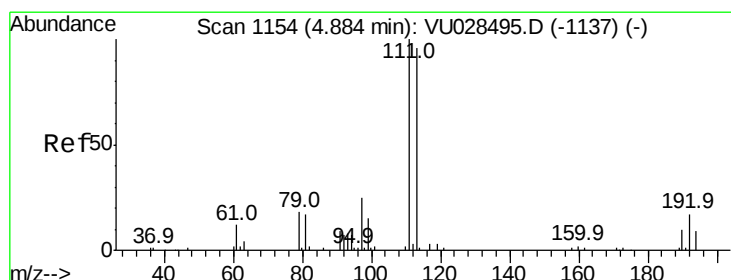
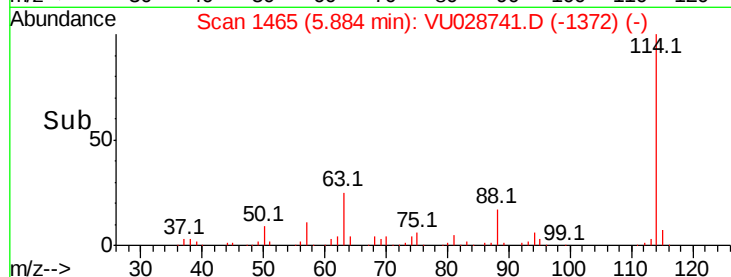
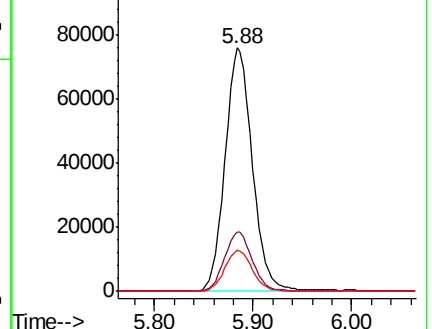
88 16.7 0.0 33.4



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: 53.921 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. -0.00 min

Lab File: VU028741.D

Acq: 18 Dec 2018 00:22

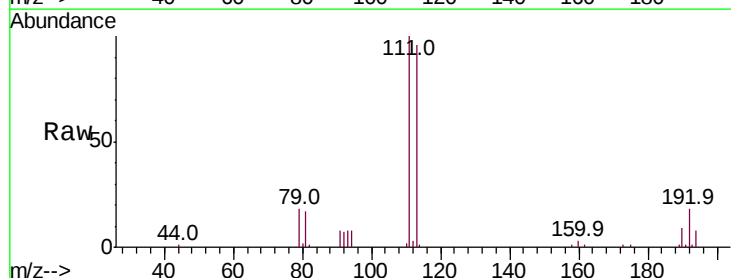
Tgt Ion:113 Resp: 50064

Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.0

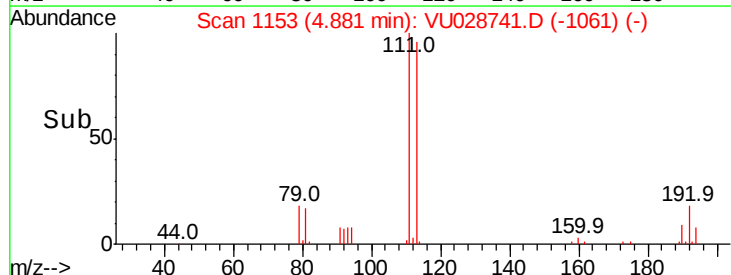
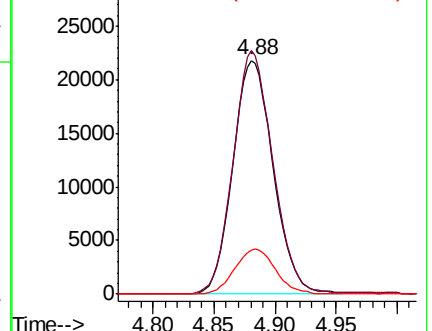
192 19.3 14.8 22.2

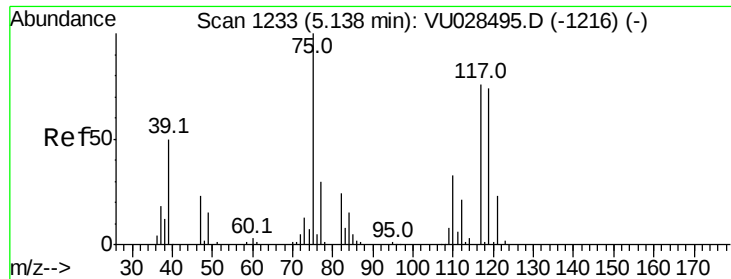


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

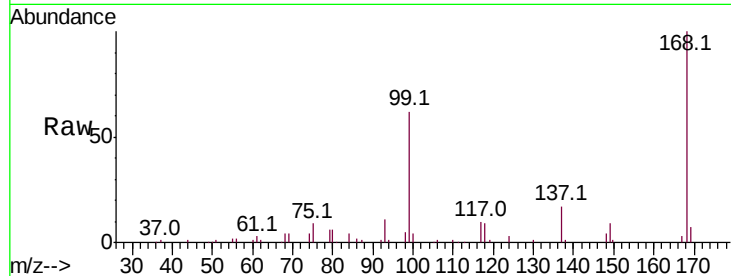




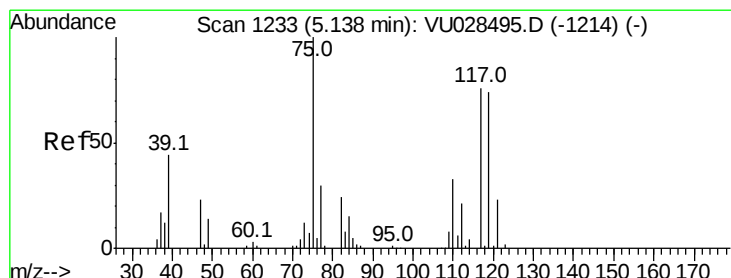
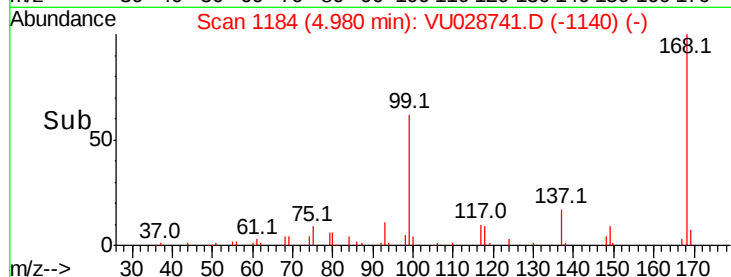
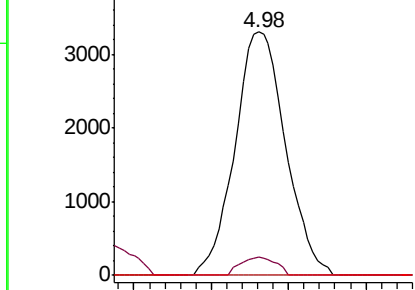
#36
 1,1-Dichloropropene
 Concen: 4.655 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028741.D
 Acq: 18 Dec 2018 00:22

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	5.2	16.1	48.2#
77	0.0	24.5	36.7#

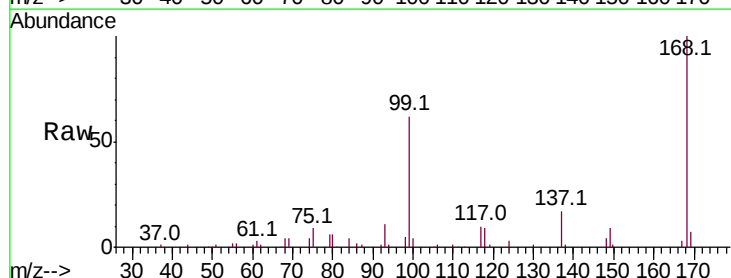


Abundance Ion 74.90 (74.60 to 75.60): VU028495.D (-1216) (-)
 Ion 109.90 (109.60 to 110.60): VU028495.D (-1216) (-)
 Ion 76.90 (76.60 to 77.60): VU028495.D (-1216) (-)

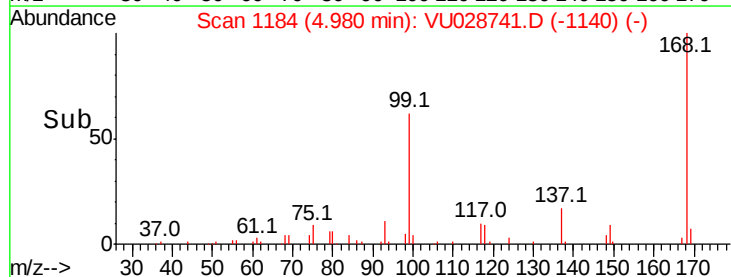
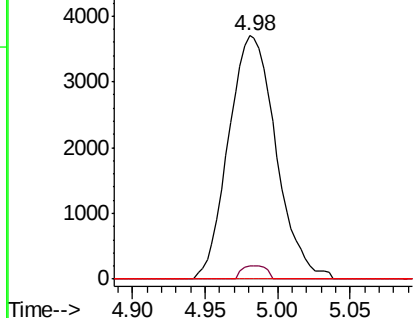


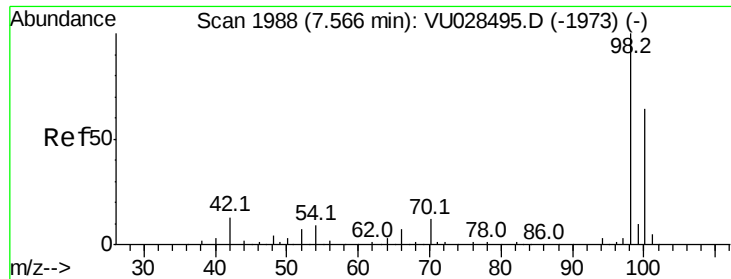
#38
 Carbon Tetrachloride
 Concen: 6.472 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.16 min
 Lab File: VU028741.D
 Acq: 18 Dec 2018 00:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.6	116.4#
121	0.0	24.6	36.8#



Abundance Ion 116.80 (116.50 to 117.50): VU028495.D (-1214) (-)
 Ion 118.80 (118.50 to 119.50): VU028495.D (-1214) (-)
 Ion 120.80 (120.50 to 121.50): VU028495.D (-1214) (-)





#50

Toluene-d8

Concen: 52.103 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VU028741.D

Acq: 18 Dec 2018 00:22

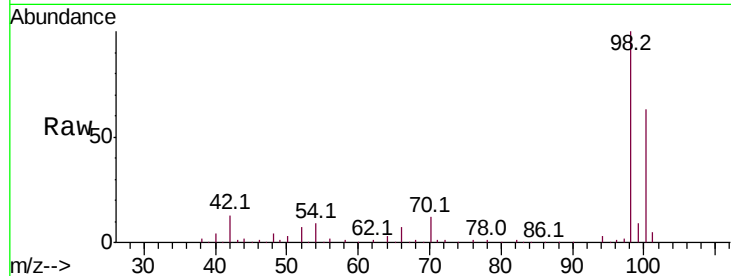
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 98 Resp: 191369

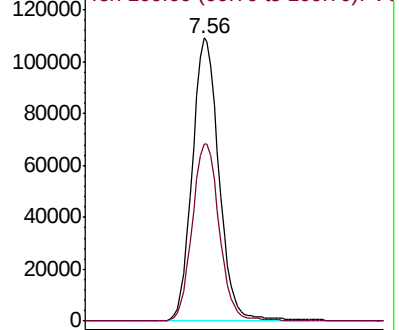
Ion Ratio Lower Upper

98 100

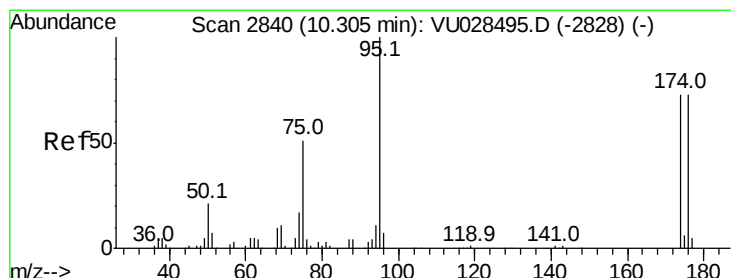
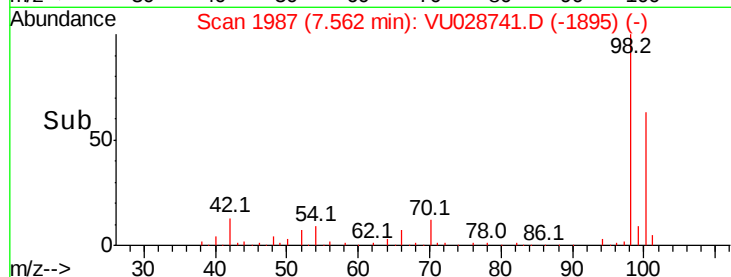
100 63.3 51.0 76.6



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



Time-->



#62

4-Bromofluorobenzene

Concen: 45.955 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU028741.D

Acq: 18 Dec 2018 00:22

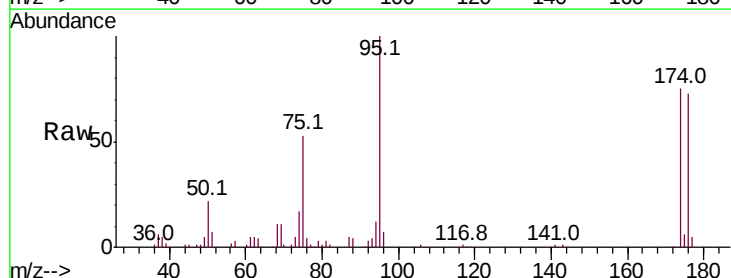
Tgt Ion: 95 Resp: 63086

Ion Ratio Lower Upper

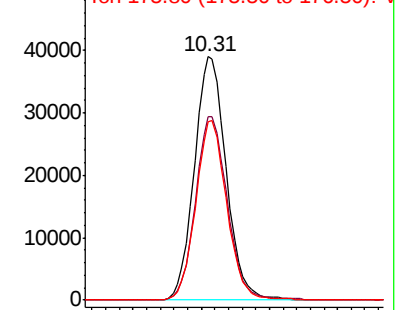
95 100

174 75.4 0.0 150.4

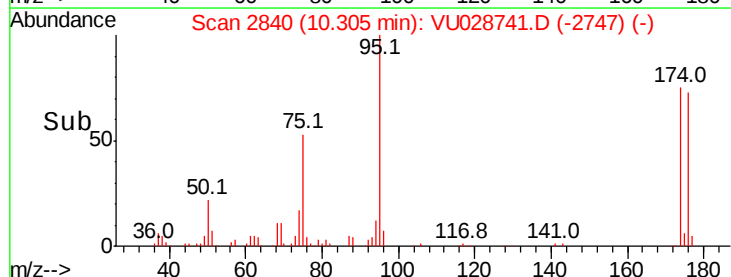
176 72.0 0.0 145.2

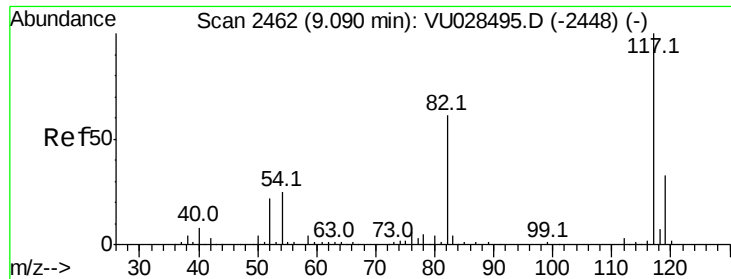


Abundance Ion 94.90 (94.60 to 95.60): VU028495.D (-2828) (-)



Time-->

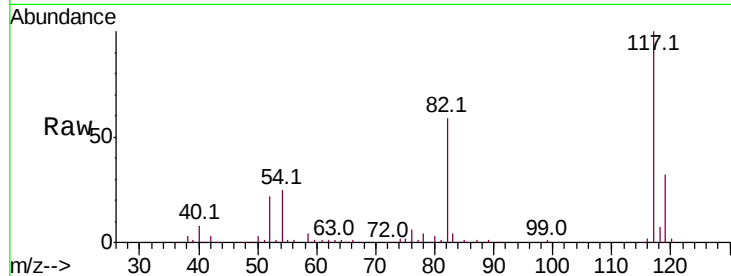




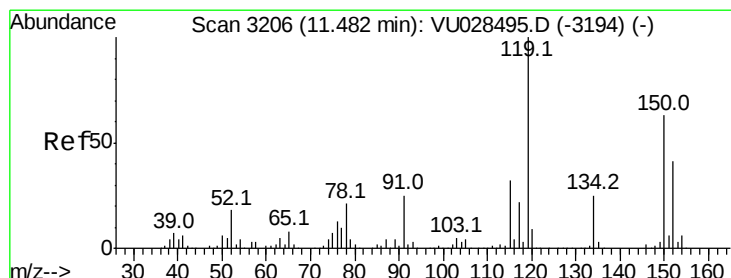
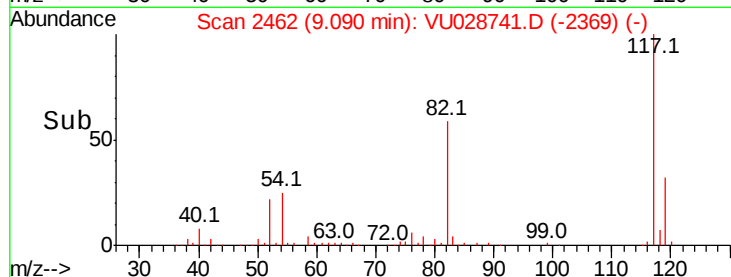
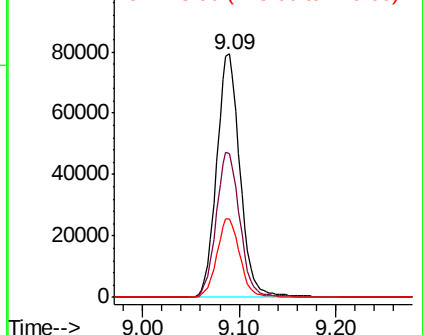
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU028741.D
Acq: 18 Dec 2018 00:22

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:117 Resp: 133328
Ion Ratio Lower Upper
117 100
82 58.9 48.9 73.3
119 32.4 26.2 39.4

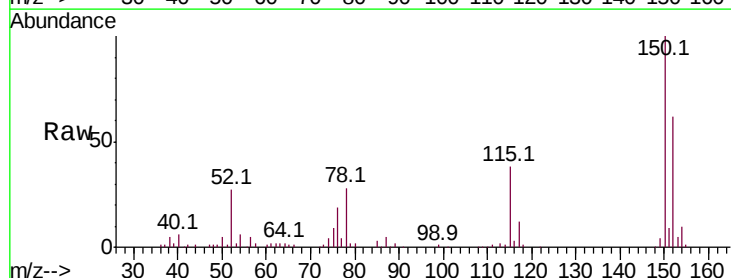


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

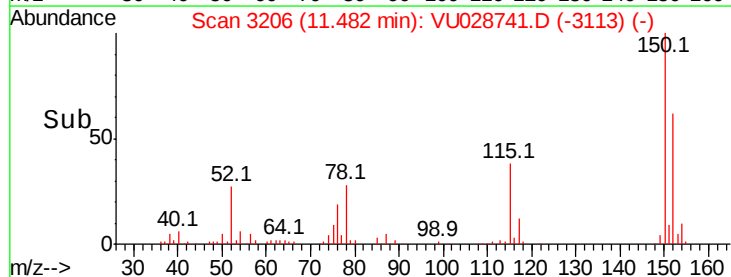
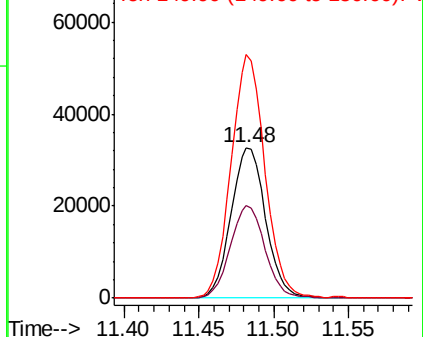


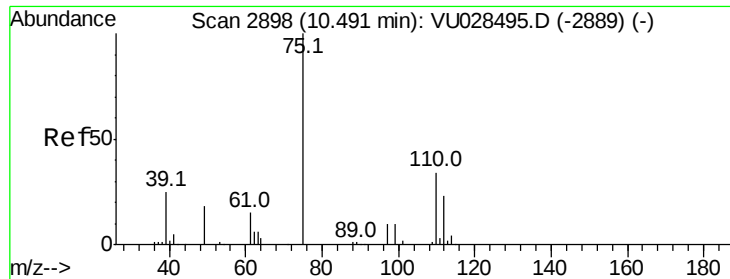
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU028741.D
Acq: 18 Dec 2018 00:22

Tgt Ion:152 Resp: 52743
Ion Ratio Lower Upper
152 100
115 61.4 42.7 128.1
150 158.0 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: 24.542 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU028741.D

Acq: 18 Dec 2018 00:22

Instrument :

MSVOA_U

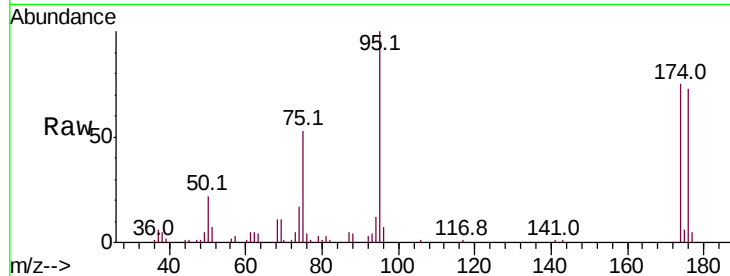
ClientSampleId :

Tot Ion: 75 Resp: 33053

Ion Ratio Lower Upper

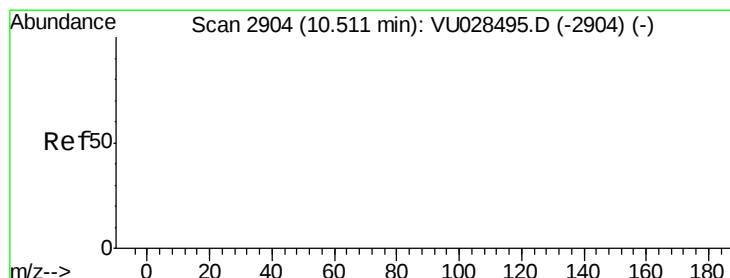
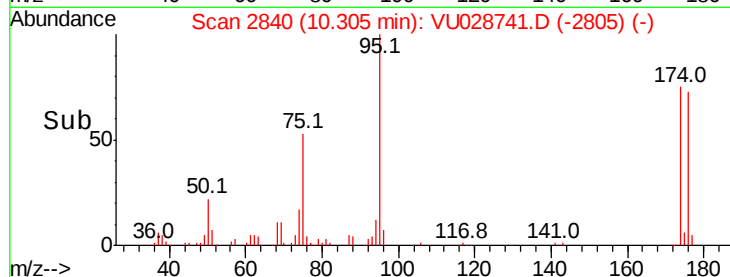
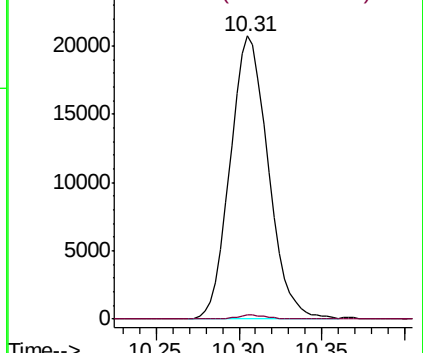
75 100

77 1.1 20.8 62.4#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



#81

trans-1,4-Dichloro-2-butene

Concen: 60.232 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. -0.20 min

Lab File: VU028741.D

Acq: 18 Dec 2018 00:22

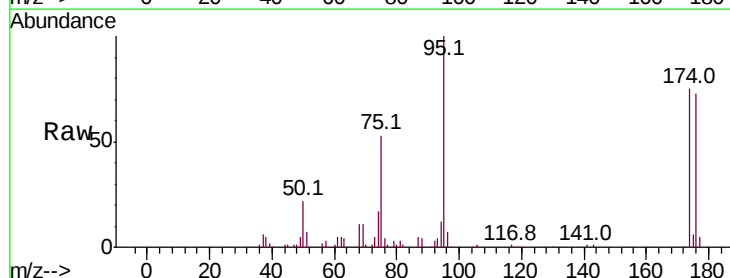
Tgt Ion: 75 Resp: 33053

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

