

Data File : VU027087.D
Acq On : 23 Sep 2018 21:06
Operator : MD/SY
Sample : J4954-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 131 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SA-SW124-20180914

Quant Time: Sep 24 07:18:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	100934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	172033	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	164568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	75639	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	107321	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
35) Dibromofluoromethane	4.88	113	72854	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	7.57	98	279831	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	10.31	95	88385	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	

Target Compounds

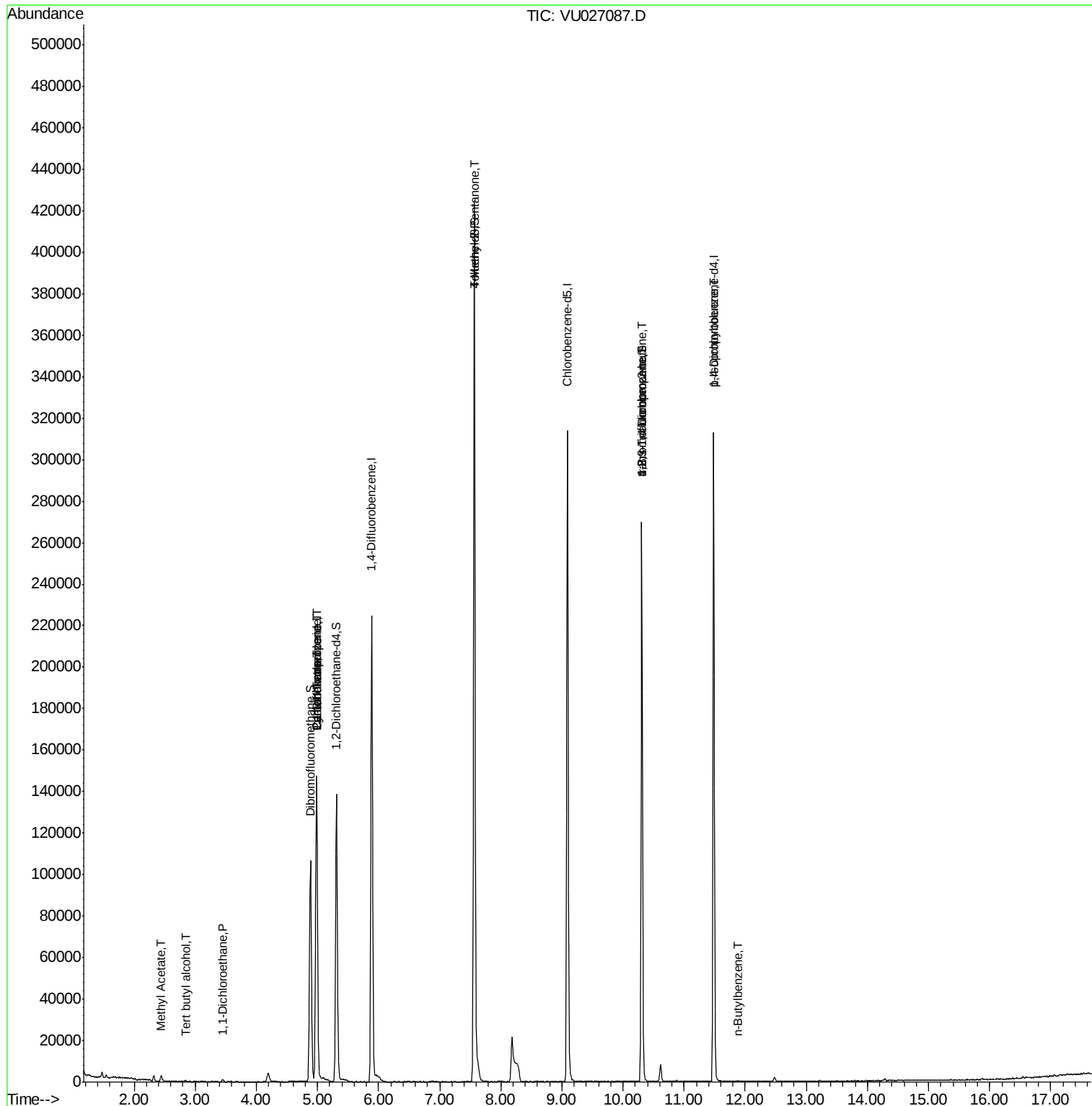
						Qvalue
11) Tert butyl alcohol	2.84	59	200	0.430	ug/l #	72
16) Acetone	2.32	43	3298	Below Cal		99
18) Methyl Acetate	2.44	43	799	0.276	ug/l #	55
24) 1,1-Dichloroethane	3.45	63	1354	0.407	ug/l #	84
31) Cyclohexane	4.99	56	2640	0.300	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9764	4.253	ug/l #	50
38) Carbon Tetrachloride	4.99	117	10477	4.795	ug/l #	17
51) 4-Methyl-2-Pentanone	7.57	43	1396	0.458	ug/l #	1
76) 1,2,3-Trichloropropane	10.31	75	48756	21.218	ug/l #	35
81) trans-1,4-Dichloro-2-buten	10.31	75	48756	67.900	ug/l #	100
86) p-Isopropyltoluene	11.48	119	20	0.931	ug/l #	1
89) n-Butylbenzene	11.89	91	20	2.396	ug/l #	33

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

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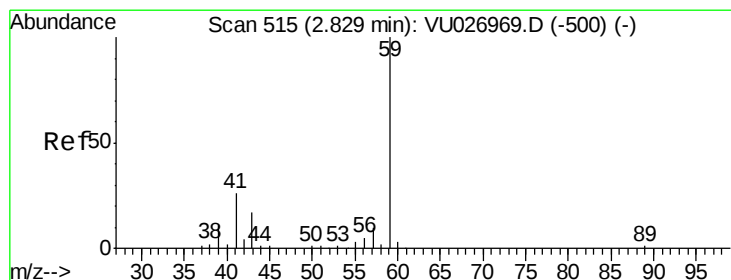
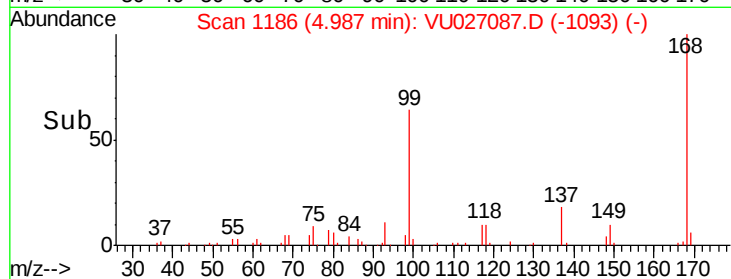
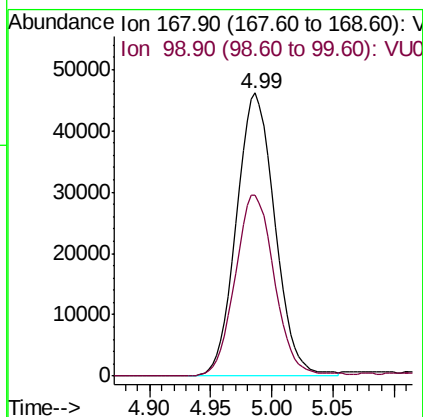
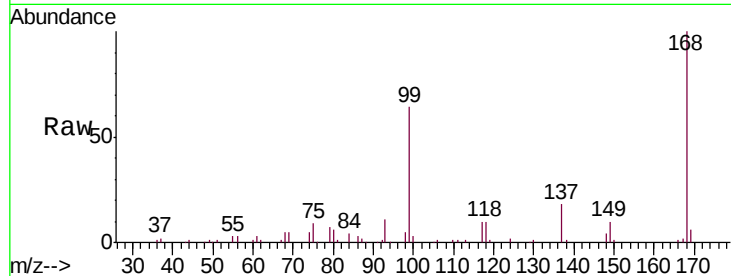




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.00 min
Lab File: VU027087.D
Acq: 23 Sep 2018 21:06

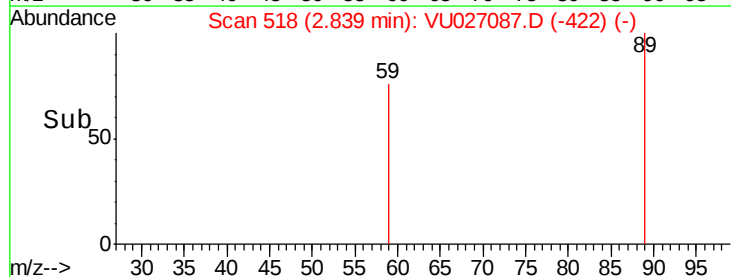
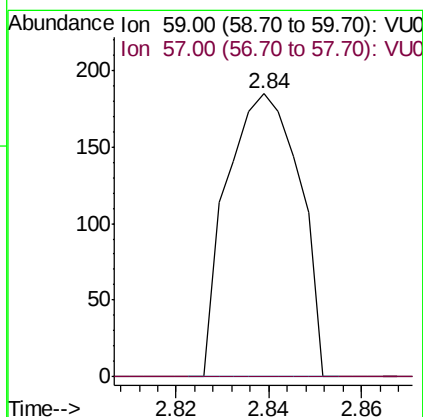
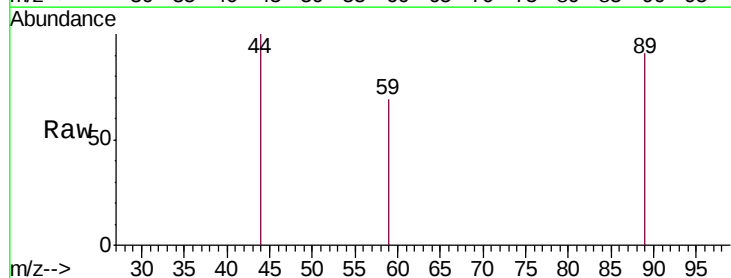
Instrument :
MSVOA_U
ClientSampleId :
SA-SW124-20180914

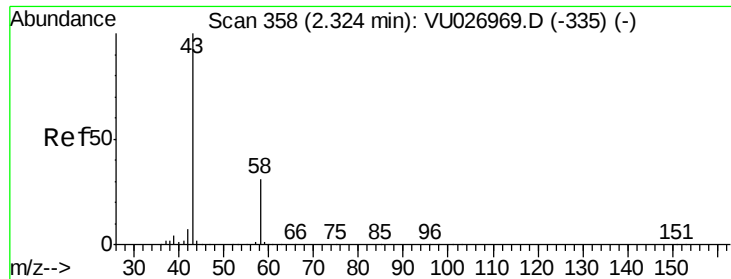
Tgt Ion:168 Resp: 100934
Ion Ratio Lower Upper
168 100
99 64.1 48.1 72.1



#11
Tert butyl alcohol
Concen: 0.430 ug/l
RT: 2.84 min Scan# 515
Delta R.T. 0.01 min
Lab File: VU027087.D
Acq: 23 Sep 2018 21:06

Tgt Ion: 59 Resp: 200
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027087.D

Acq: 23 Sep 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

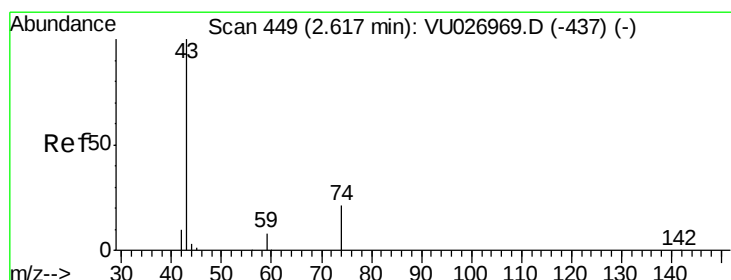
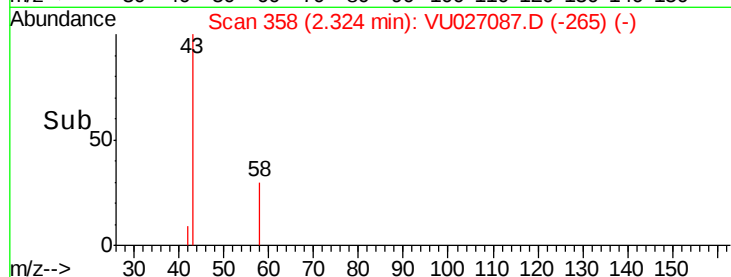
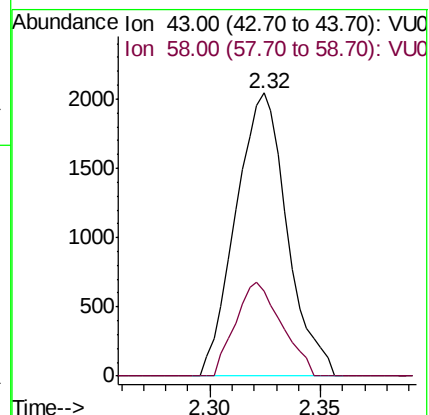
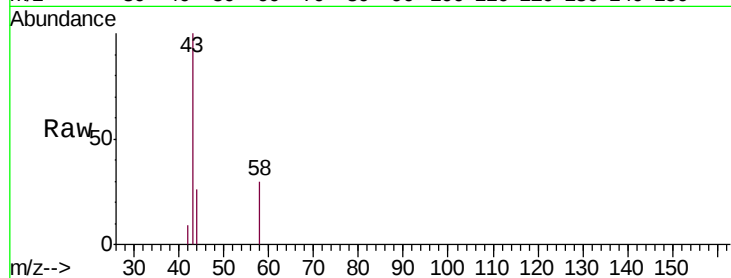
SA-SW124-20180914

Tgt Ion: 43 Resp: 3298

Ion Ratio Lower Upper

43 100

58 30.0 24.6 36.8



#18

Methyl Acetate

Concen: 0.276 ug/l

RT: 2.44 min Scan# 394

Delta R.T. -0.18 min

Lab File: VU027087.D

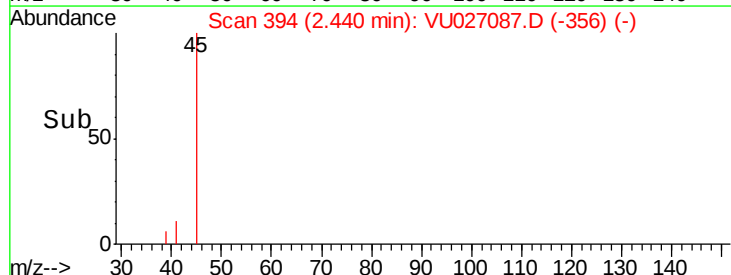
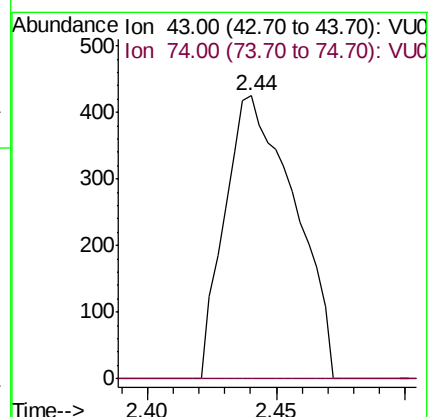
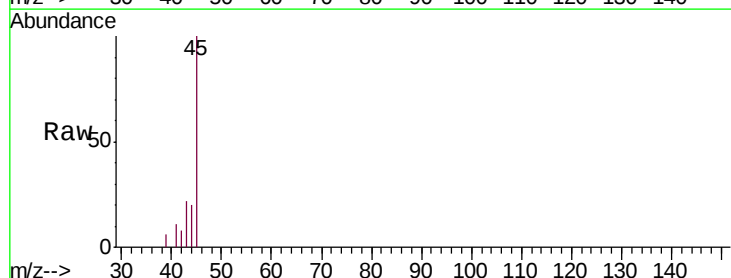
Acq: 23 Sep 2018 21:06

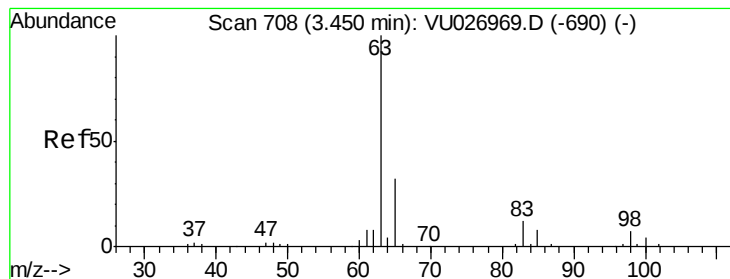
Tgt Ion: 43 Resp: 799

Ion Ratio Lower Upper

43 100

74 0.0 16.6 25.0#





#24

1,1-Dichloroethane

Concen: 0.407 ug/l

RT: 3.45 min Scan# 708

Delta R.T. -0.00 min

Lab File: VU027087.D

Acq: 23 Sep 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

SA-SW124-20180914

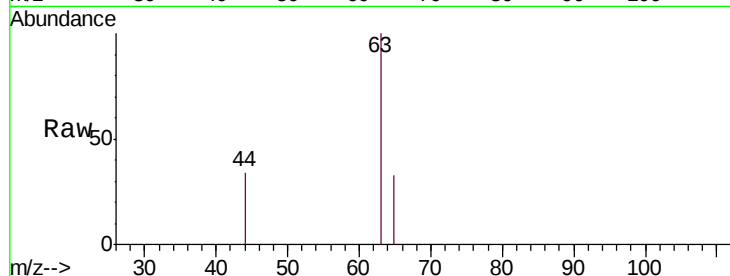
Tgt Ion: 63 Resp: 1354

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

100 0.0 2.0 5.8#

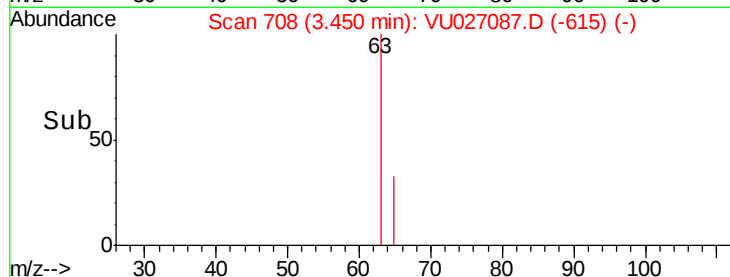


Abundance Ion 62.90 (62.60 to 63.60): VU026969.D (-690) (-)

Ion 97.90 (97.60 to 98.60): VU026969.D (-690) (-)

Ion 99.90 (99.60 to 100.60): VU026969.D (-690) (-)

Time-->

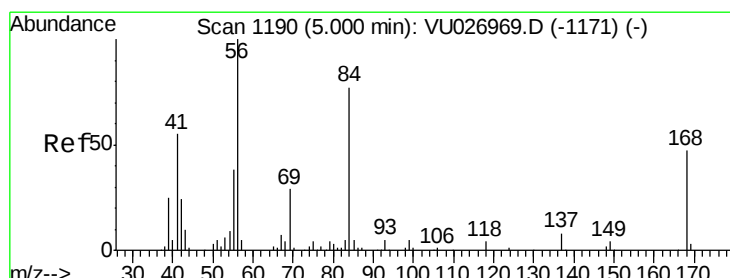


Abundance Ion 62.90 (62.60 to 63.60): VU027087.D (-615) (-)

Ion 97.90 (97.60 to 98.60): VU027087.D (-615) (-)

Ion 99.90 (99.60 to 100.60): VU027087.D (-615) (-)

Time-->



#31

Cyclohexane

Concen: 0.300 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.01 min

Lab File: VU027087.D

Acq: 23 Sep 2018 21:06

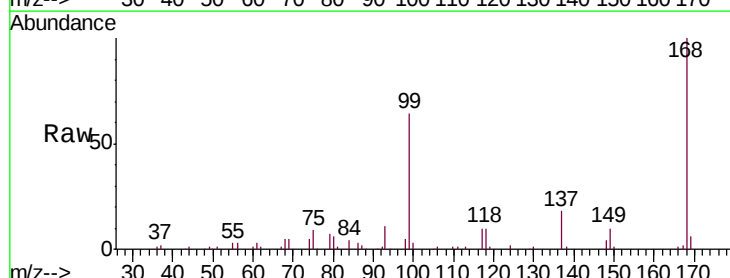
Tgt Ion: 56 Resp: 2640

Ion Ratio Lower Upper

56 100

69 164.0 23.0 34.4#

84 129.2 61.4 92.2#

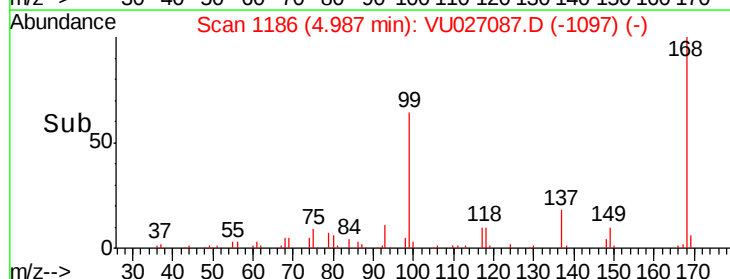


Abundance Ion 56.00 (55.70 to 56.70): VU026969.D (-1171) (-)

Ion 69.00 (68.70 to 69.70): VU026969.D (-1171) (-)

Ion 84.00 (83.70 to 84.70): VU026969.D (-1171) (-)

Time-->

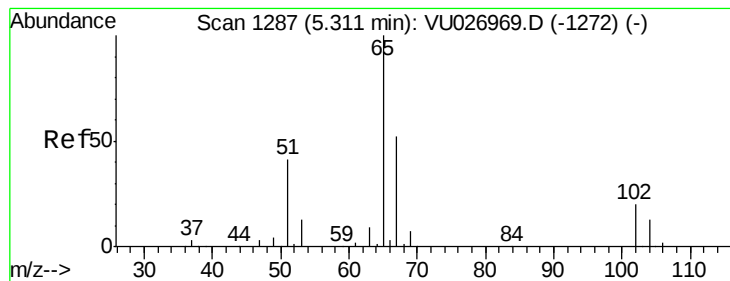


Abundance Ion 56.00 (55.70 to 56.70): VU027087.D (-1097) (-)

Ion 69.00 (68.70 to 69.70): VU027087.D (-1097) (-)

Ion 84.00 (83.70 to 84.70): VU027087.D (-1097) (-)

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.829 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU027087.D

Acq: 23 Sep 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

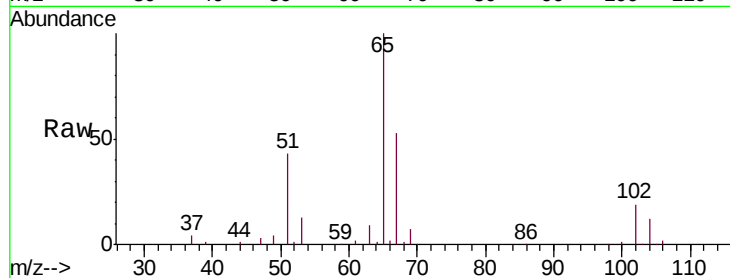
SA-SW124-20180914

Tgt Ion: 65 Resp: 107321

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU026969.D (-1272) (-)

Ion 66.90 (66.60 to 67.60): VU026969.D (-1272) (-)

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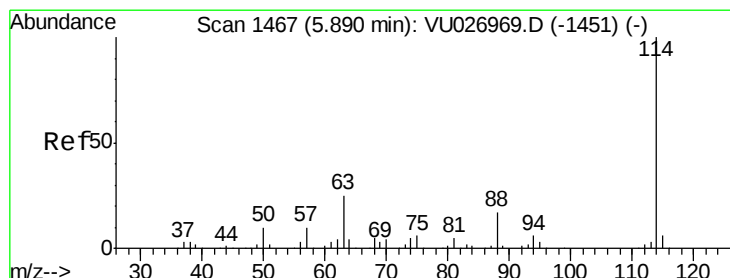
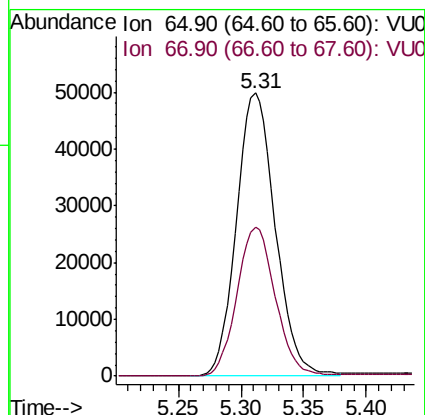
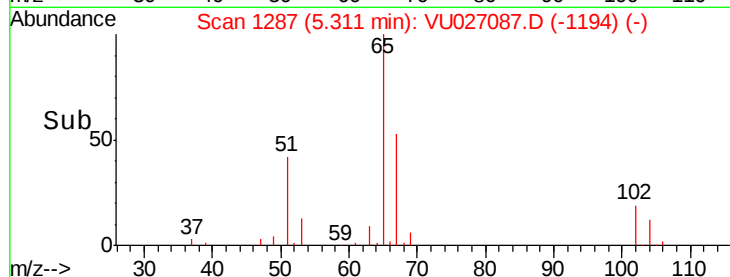
5.31

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. -0.00 min

Lab File: VU027087.D

Acq: 23 Sep 2018 21:06

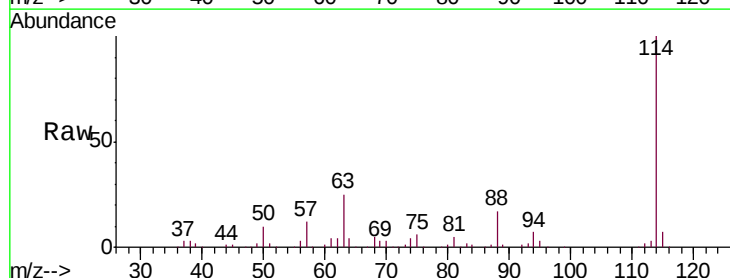
Tgt Ion: 114 Resp: 172033

Ion Ratio Lower Upper

114 100

63 25.3 0.0 49.2

88 17.0 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VU026969.D (-1451) (-)

Ion 63.00 (62.70 to 63.70): VU026969.D (-1451) (-)

Ion 87.90 (87.60 to 88.60): VU026969.D (-1451) (-)

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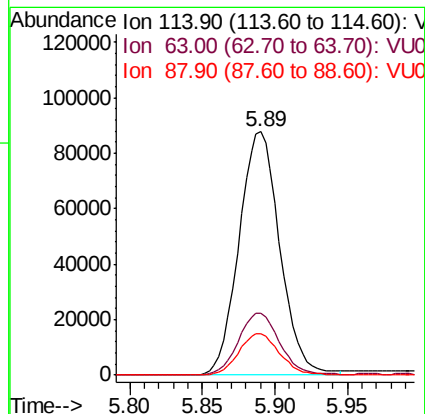
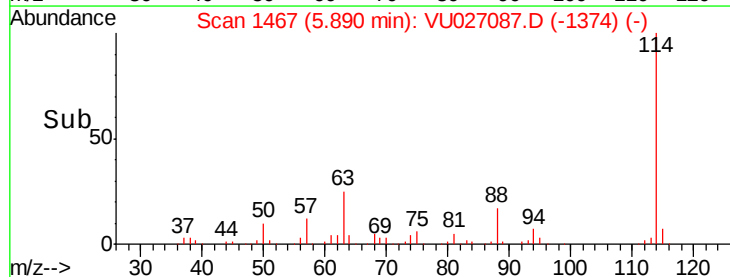
5.89

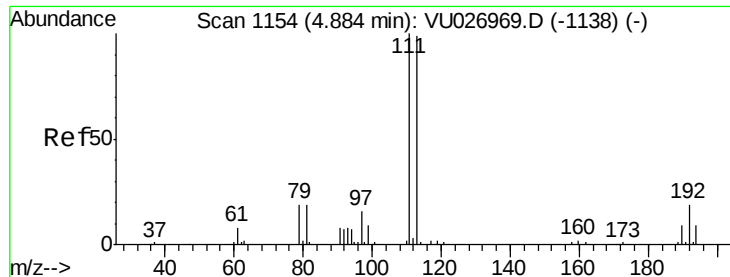
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5.89

5.89

5.89

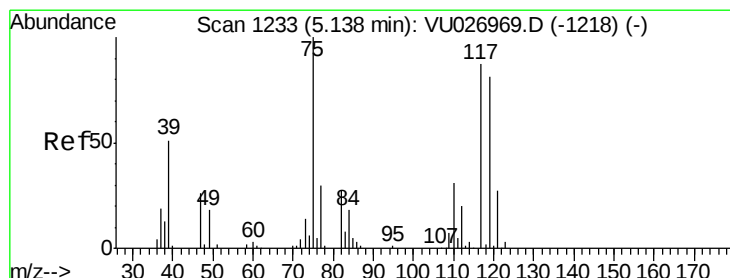
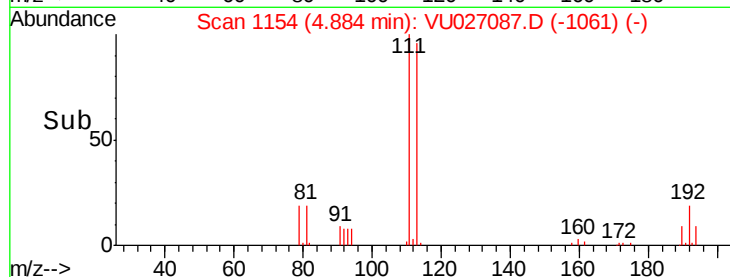
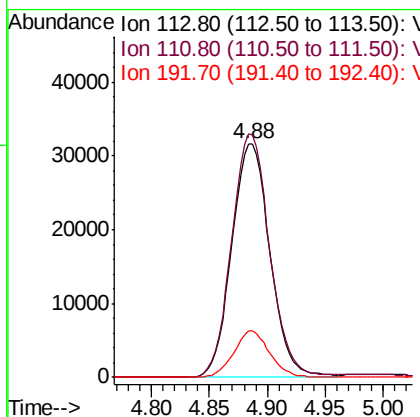
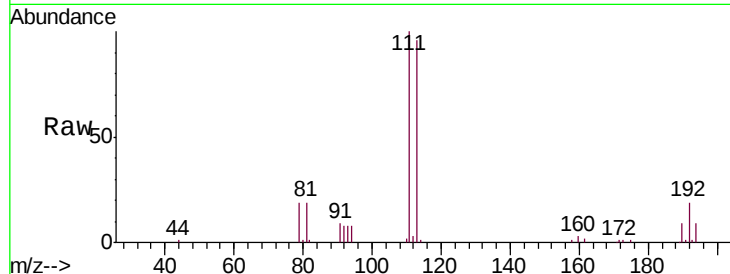




#35
 Dibromofluoromethane
 Concen: 48.856 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU027087.D
 Acq: 23 Sep 2018 21:06

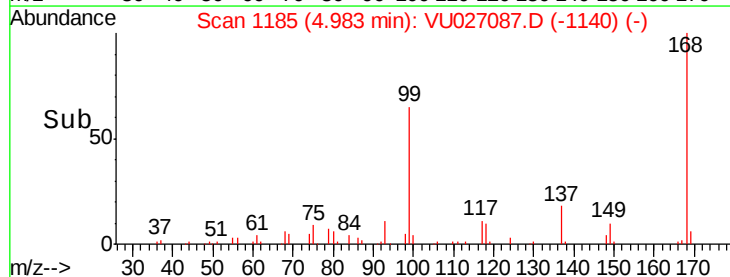
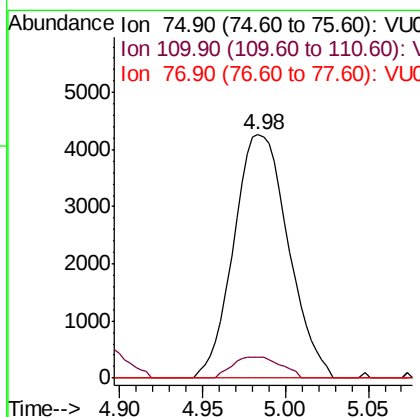
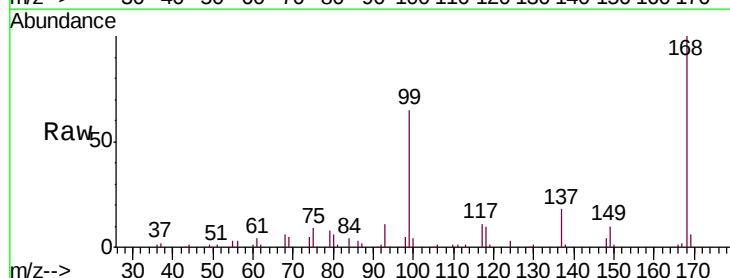
Instrument :
 MSVOA_U
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 SA-SW124-20180914

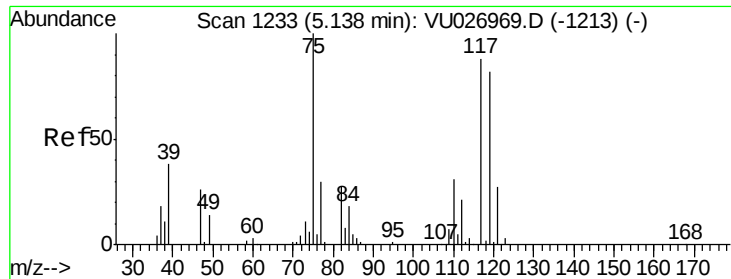
Tgt Ion:113 Resp: 72854
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.2 123.4
 192 18.6 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 4.253 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027087.D
 Acq: 23 Sep 2018 21:06

Tgt Ion: 75 Resp: 9764
 Ion Ratio Lower Upper
 75 100
 110 7.7 16.1 48.2#
 77 0.0 24.6 36.8#

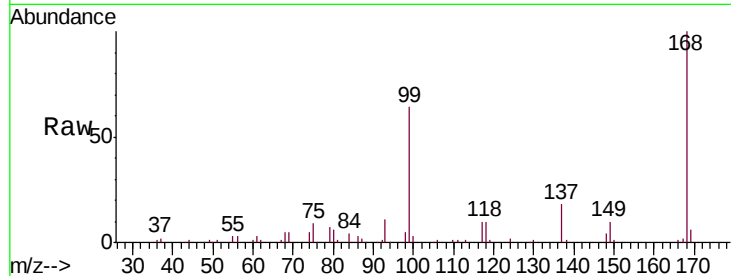




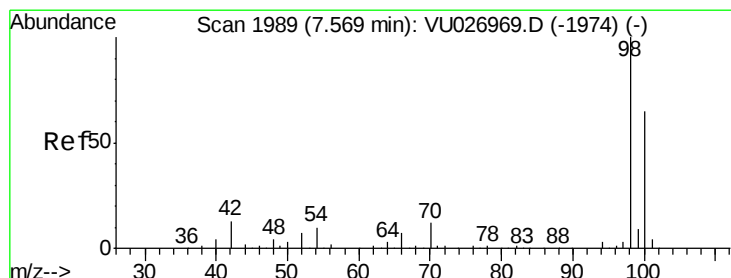
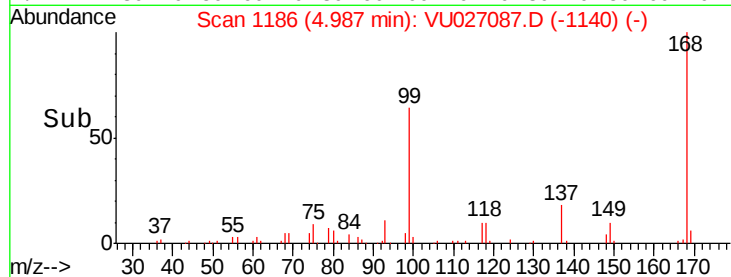
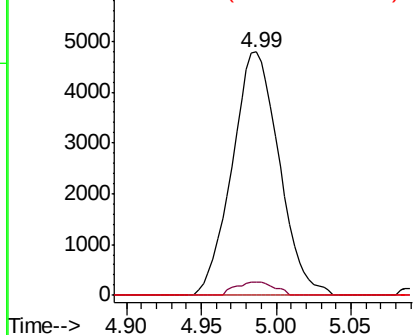
#38
Carbon Tetrachloride
Concen: 4.795 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027087.D
Acq: 23 Sep 2018 21:06

Instrument :
MSVOA_U
ClientSampleId :
SA-SW124-20180914

Tgt Ion:117 Resp: 10477
Ion Ratio Lower Upper
117 100
119 5.3 74.4 111.6#
121 0.0 24.2 36.4#

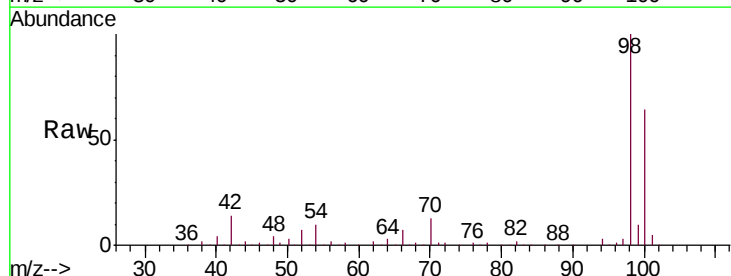


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

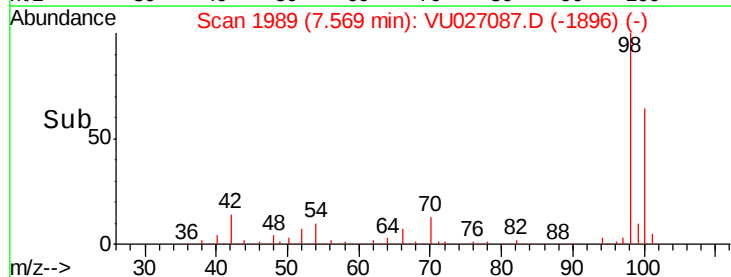
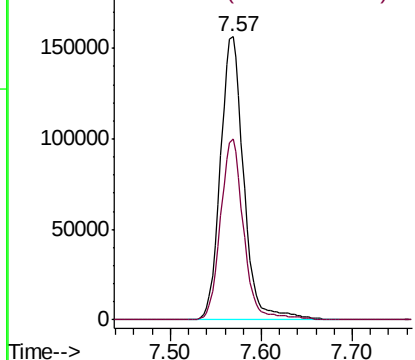


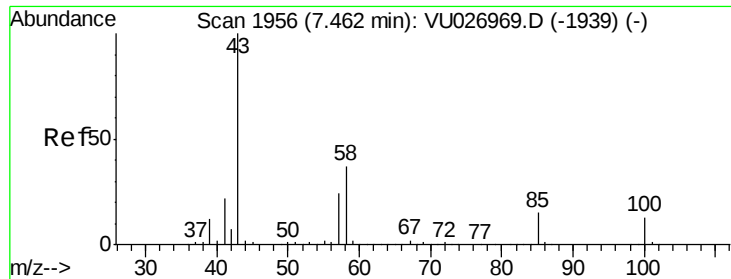
#50
Toluene-d8
Concen: 49.240 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. -0.00 min
Lab File: VU027087.D
Acq: 23 Sep 2018 21:06

Tgt Ion: 98 Resp: 279831
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU

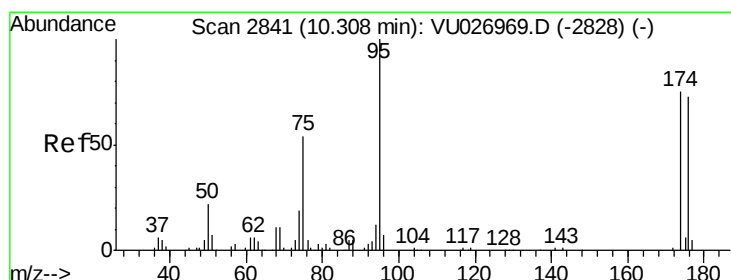
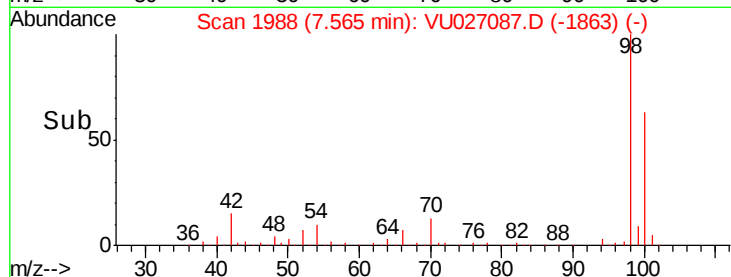
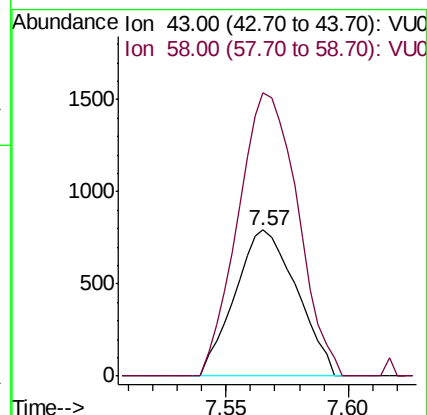
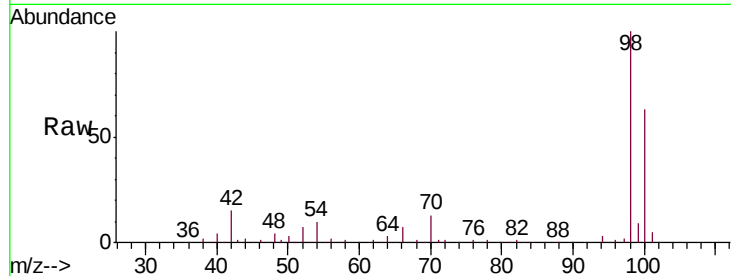




#51
4-Methyl-2-Pentanone
Concen: 0.458 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU027087.D
Acq: 23 Sep 2018 21:06

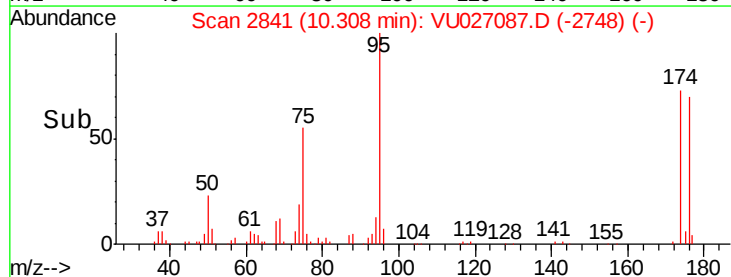
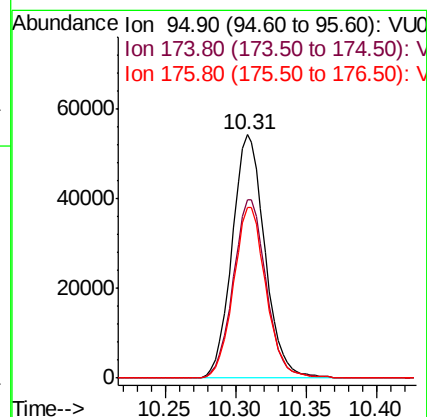
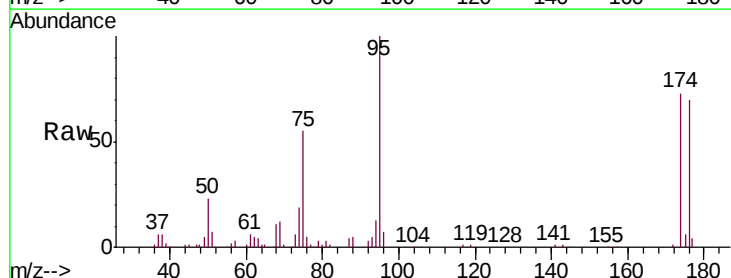
Instrument :
MSVOA_U
ClientSampleId :
SA-SW124-20180914

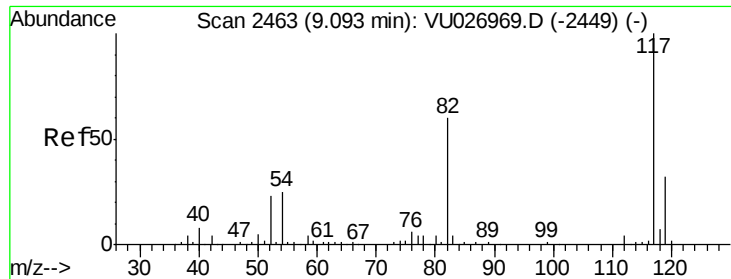
Tgt Ion: 43 Resp: 1396
Ion Ratio Lower Upper
43 100
58 187.2 29.8 44.6#



#62
4-Bromofluorobenzene
Concen: 45.326 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027087.D
Acq: 23 Sep 2018 21:06

Tgt Ion: 95 Resp: 88385
Ion Ratio Lower Upper
95 100
174 73.9 0.0 150.2
176 69.9 0.0 145.2

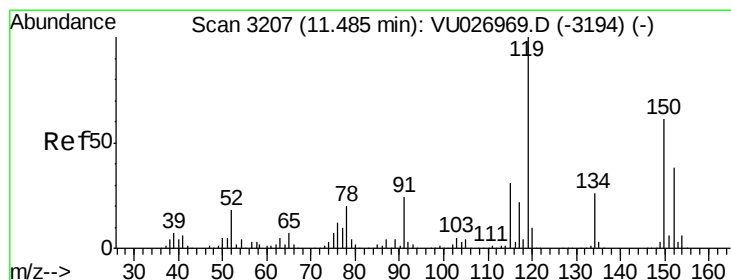
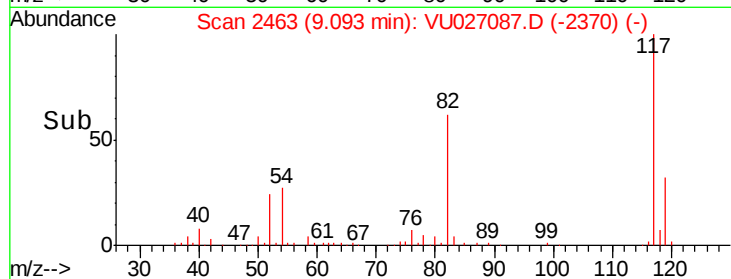
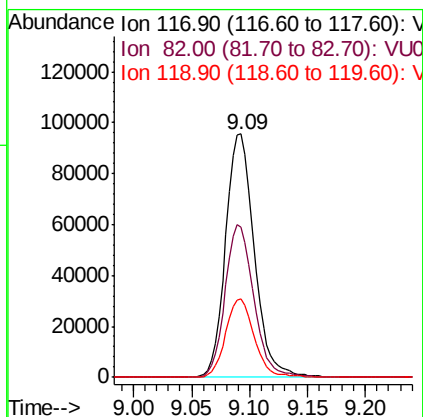
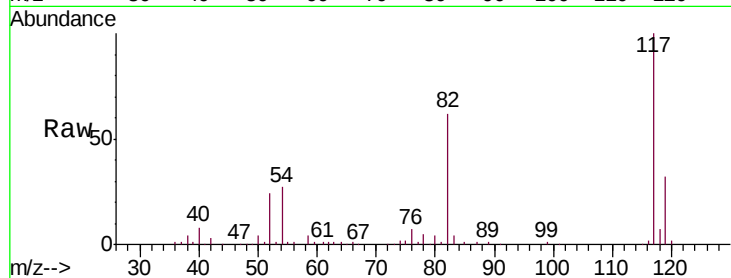




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VU027087.D
Acq: 23 Sep 2018 21:06

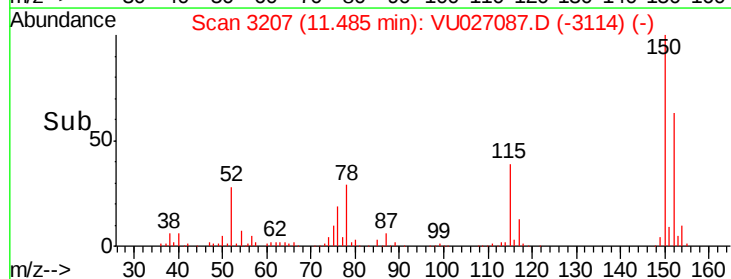
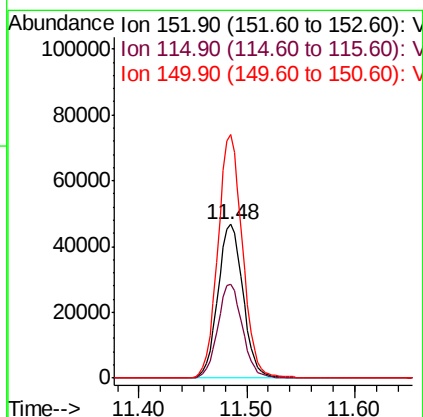
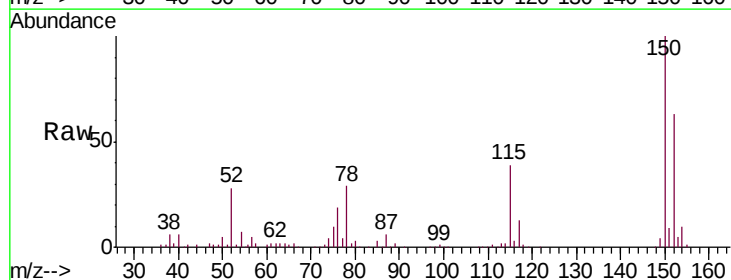
Instrument :
MSVOA_U
ClientSampleId :
SA-SW124-20180914

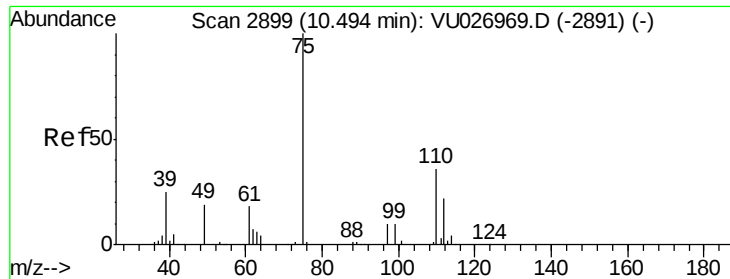
Tgt Ion:117 Resp: 164568
Ion Ratio Lower Upper
117 100
82 61.6 48.0 72.0
119 32.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027087.D
Acq: 23 Sep 2018 21:06

Tgt Ion:152 Resp: 75639
Ion Ratio Lower Upper
152 100
115 60.0 44.9 134.5
150 155.0 0.0 355.8





#76

1,2,3-Trichloropropane

Concen: 21.218 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027087.D

Acq: 23 Sep 2018 21:06

Instrument :

MSVOA_U

ClientSampleId :

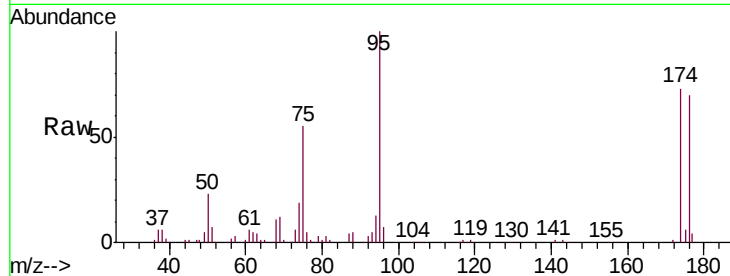
SA-SW124-20180914

Tgt Ion: 75 Resp: 48756

Ion Ratio Lower Upper

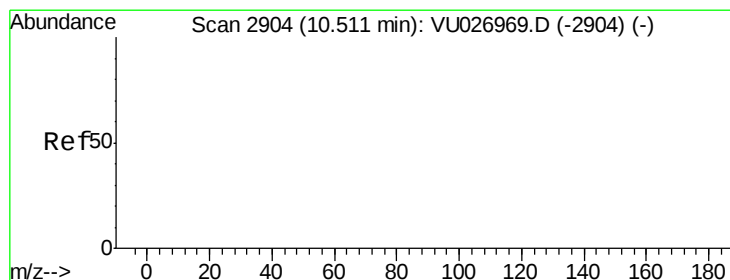
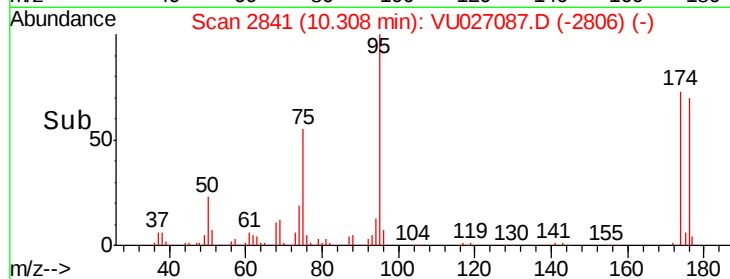
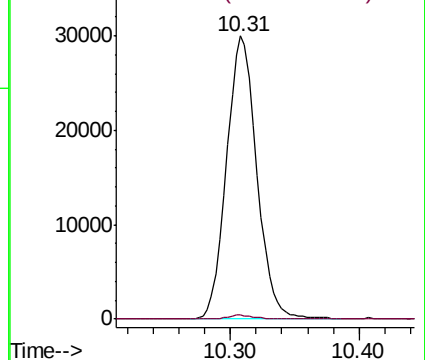
75 100

77 1.1 20.9 62.8#



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: 67.900 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027087.D

Acq: 23 Sep 2018 21:06

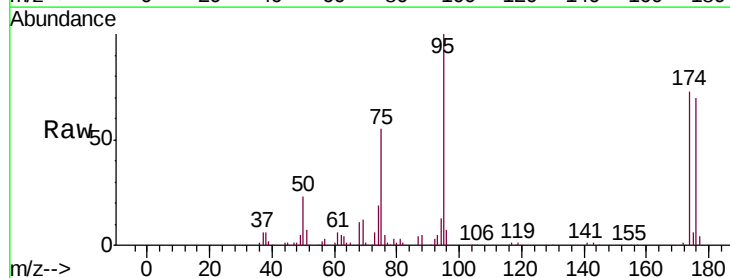
Tgt Ion: 75 Resp: 48756

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

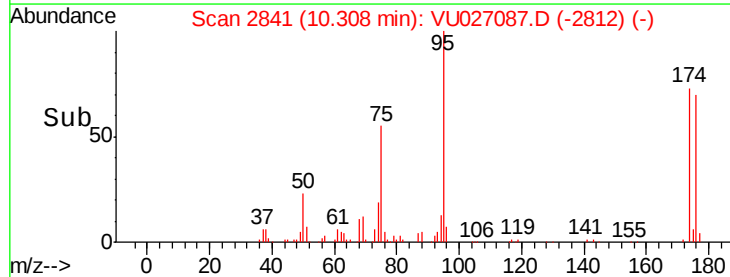
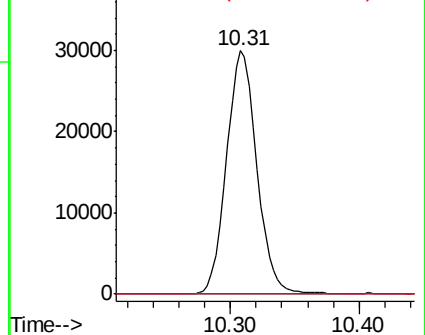
89 0.0 0.0 0.0

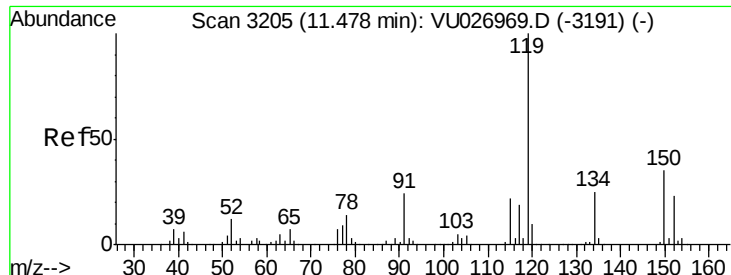


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0

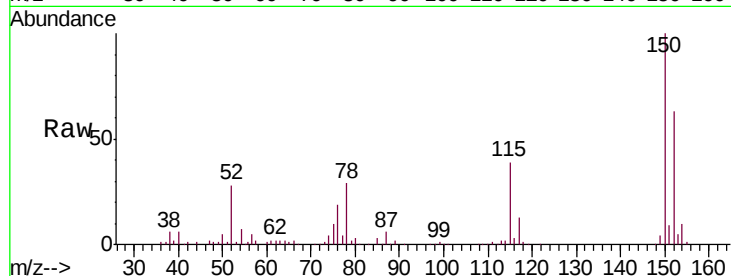




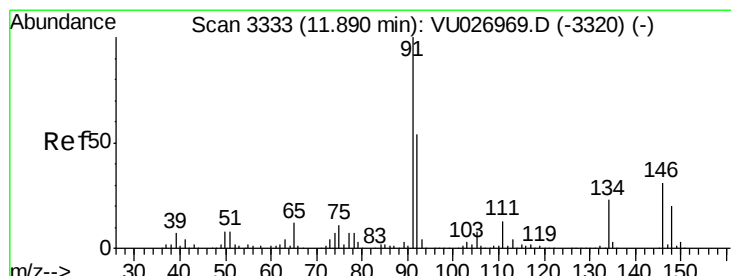
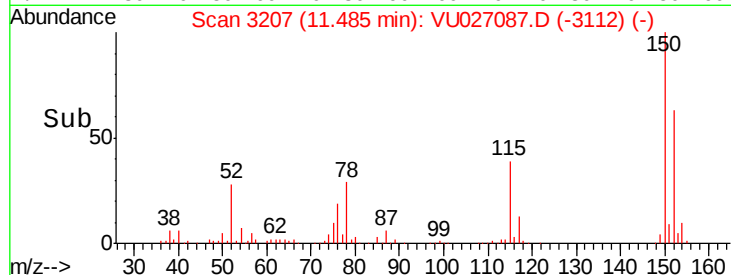
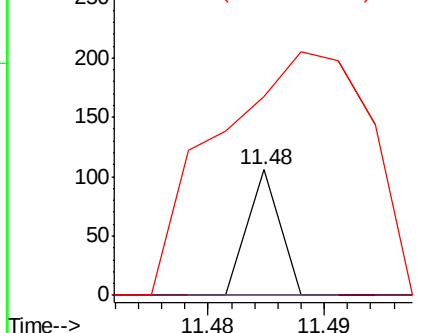
#86
p-Isopropyltoluene
Concen: 0.931 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.01 min
Lab File: VU027087.D
Acq: 23 Sep 2018 21:06

Instrument :
MSVOA_U
ClientSampleId :
SA-SW124-20180914

Tgt Ion: 119 Resp: 20
Ion Ratio Lower Upper
119 100
134 0.0 12.8 38.3#
91 940.0 12.3 36.8#

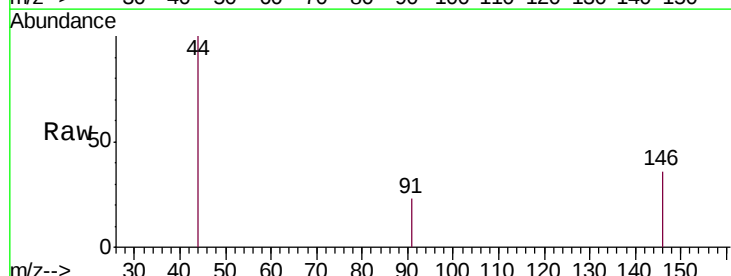


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#89
n-Butylbenzene
Concen: 2.396 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU027087.D
Acq: 23 Sep 2018 21:06

Tgt Ion: 91 Resp: 20
Ion Ratio Lower Upper
91 100
92 0.0 27.1 81.2#
134 0.0 11.7 35.0#



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.00 (133.70 to 134.70): V

