

Data File : VU025309.D
Acq On : 11 Jul 2018 13:03
Operator : MD/SY
Sample : J3898-11DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
SS038MW013-180705DL

Manual Integrations
APPROVED

MMDadoda
7/12/2018 11:04:16 AM

Quant Time: Jul 12 05:55:07 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	210433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	314753	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	290983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	150246	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	156986	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	4.89	113	123404	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
50) Toluene-d8	7.57	98	454229	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	10.31	95	166366	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	

Target Compounds				Qvalue		
4) Vinyl Chloride	1.40	62	17014	7.109	ug/l	99
16) Acetone	2.32	43	5037	7.828	ug/l	94
20) Methylene Chloride	2.71	84	10187	4.664	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	13908	4.931	ug/l	84
40) Benzene	5.40	78	10913	1.082	ug/l	92
65) Chlorobenzene	9.12	112	213105	29.317	ug/l	98
73) Isopropylbenzene	10.17	105	10511	0.916	ug/l	97
83) tert-Butylbenzene	11.10	119	7489	0.767	ug/l	90
85) sec-Butylbenzene	11.33	105	15624m	1.359	ug/l	

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

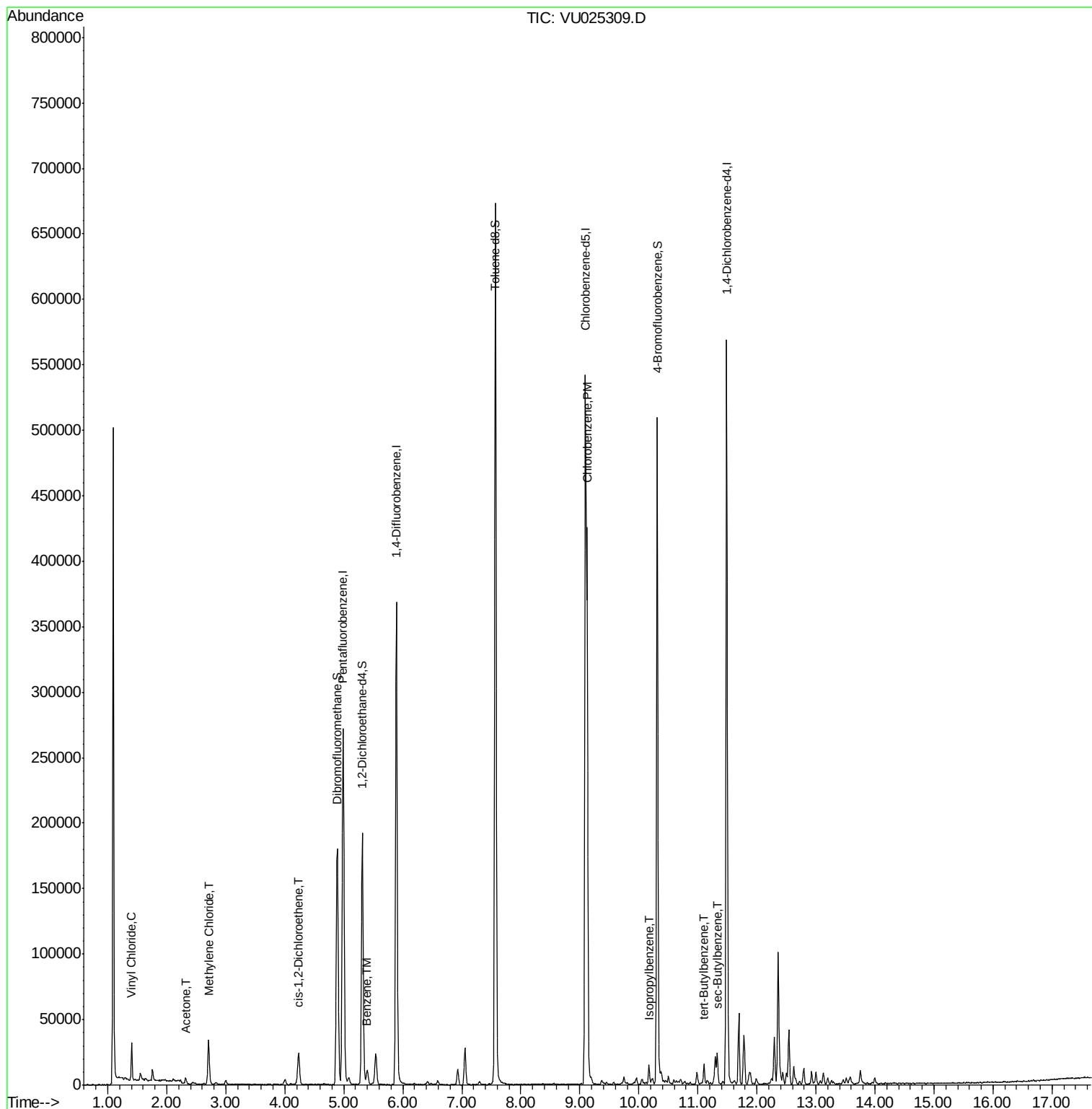
Data File : VU025309.D
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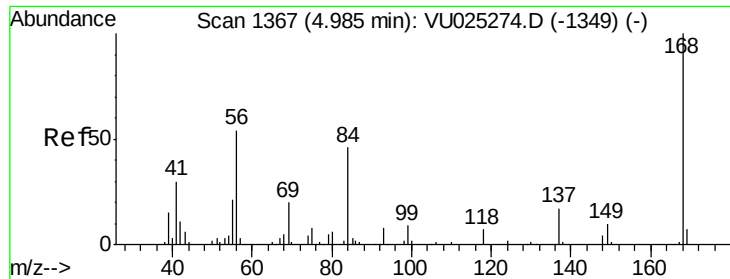
Instrument :
MSVOA_U
ClientSampleId :
SS038MW013-180705DL

Manual Integrations
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7/12/2018 11:04:16 AM

Quant Time: Jul 12 05:55:07 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: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU025309.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_U

ClientSampleId :

SS038MW013-180705DL

Tgt Ion:168 Resp: 210433

Ion Ratio Lower Upper

168 100

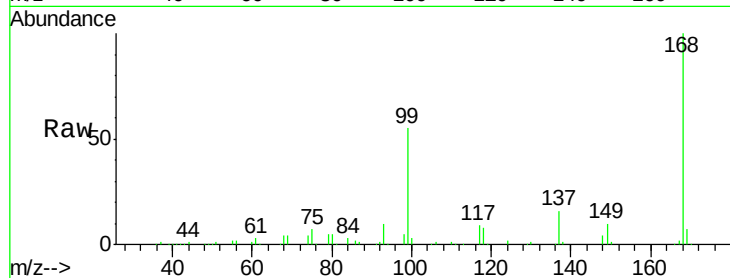
99 55.4 42.8 64.2

Manual Integrations

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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

100000

80000

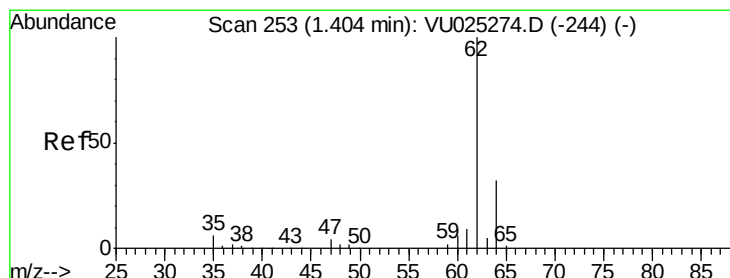
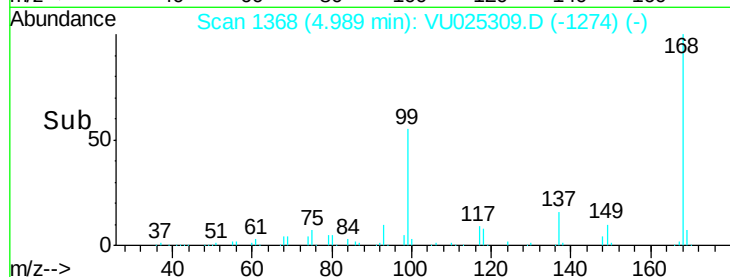
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 7.109 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025309.D

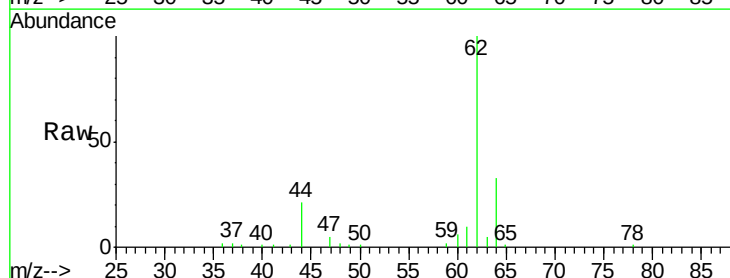
Acq: 11 Jul 2018 13:03

Tgt Ion: 62 Resp: 17014

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VU025274.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU025274.D (-244) (-)

1.40

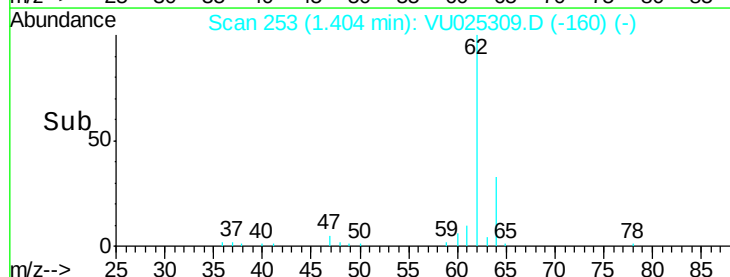
15000

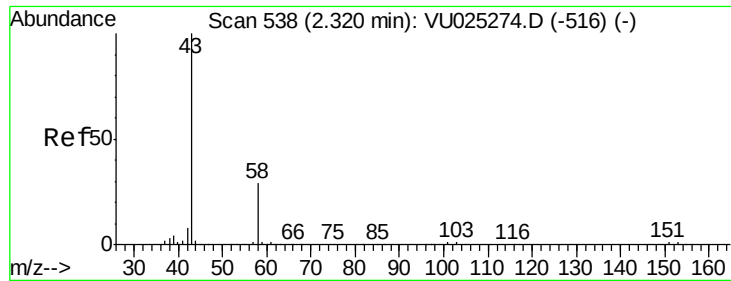
10000

5000

0

Time-->





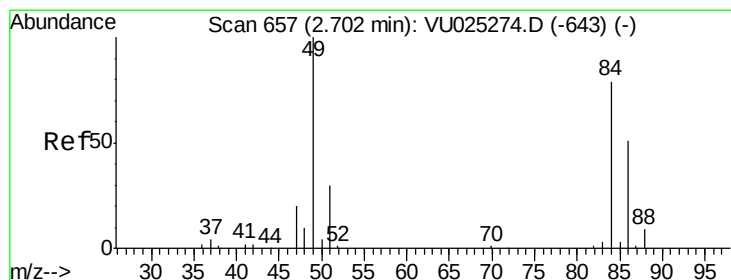
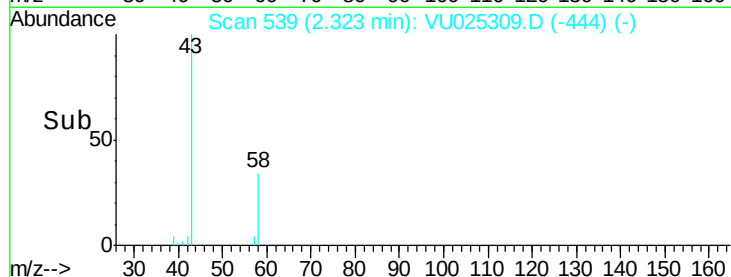
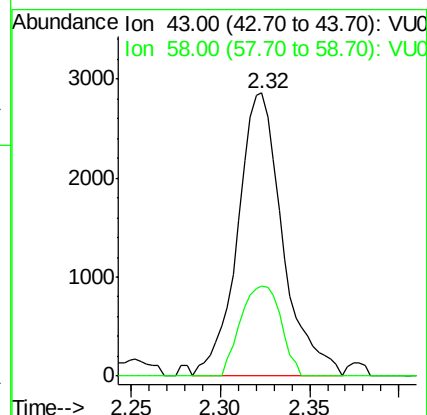
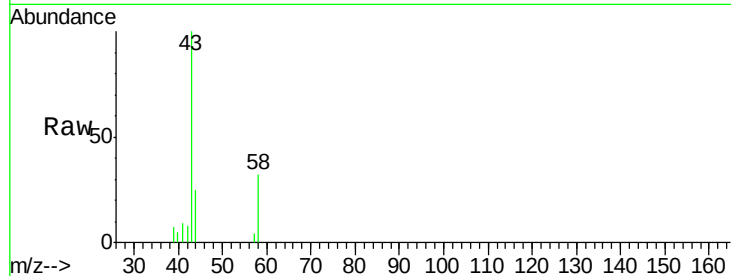
#16
Acetone
Concen: 7.828 ug/l
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU025309.D
Acq: 11 Jul 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
SS038MW013-180705DL

Tgt Ion: 43 Resp: 5037
Ion Ratio Lower Upper
43 100
58 31.9 23.1 34.7

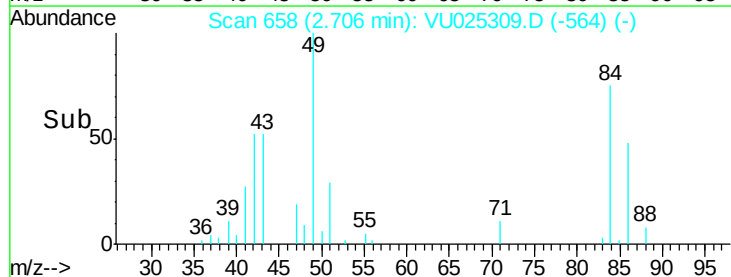
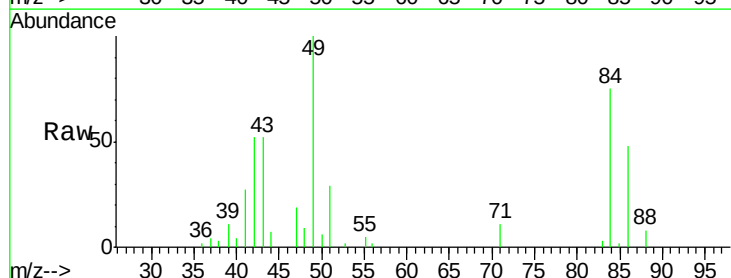
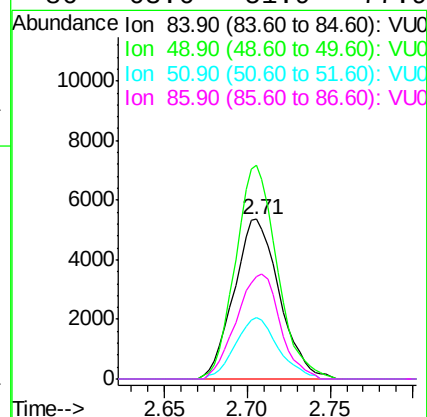
Manual Integrations
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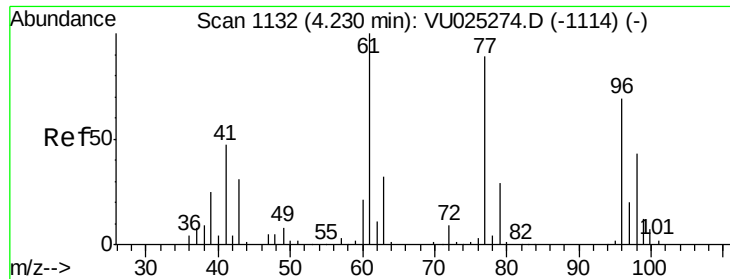
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#20
Methylene Chloride
Concen: 4.664 ug/l
RT: 2.71 min Scan# 658
Delta R.T. 0.00 min
Lab File: VU025309.D
Acq: 11 Jul 2018 13:03

Tgt Ion: 84 Resp: 10187
Ion Ratio Lower Upper
84 100
49 133.5 101.8 152.6
51 38.6 30.8 46.2
86 63.6 51.9 77.9





#27

cis-1,2-Dichloroethene

Concen: 4.931 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025309.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_U

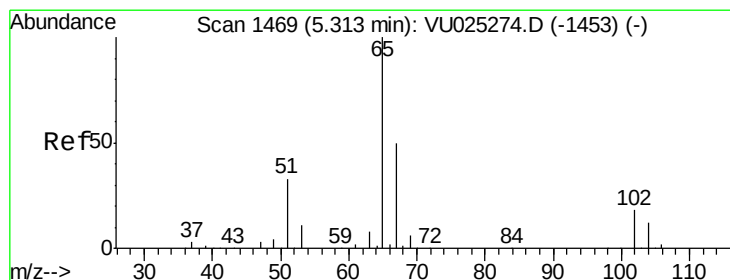
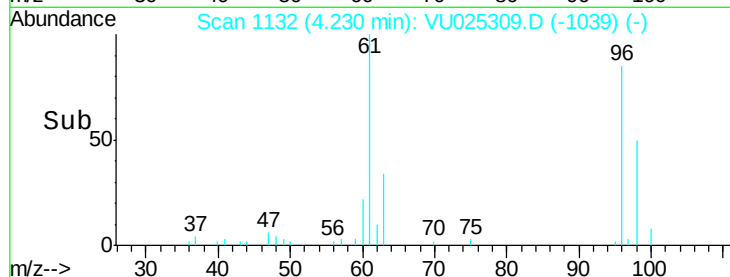
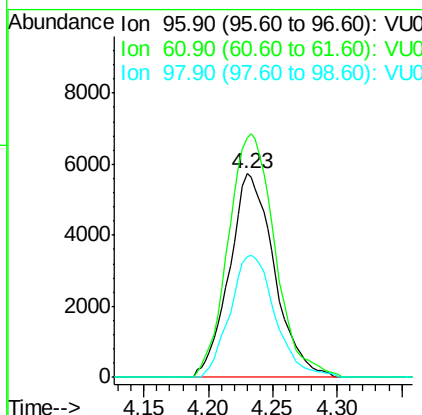
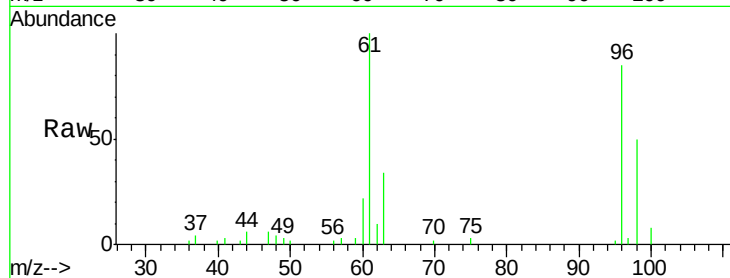
ClientSampleId :

SS038MW013-180705DL

Tgt Ion:	96	Resp:	13908
Ion	Ratio	Lower	Upper
96	100		
61	124.1	0.0	299.8
98	60.0	0.0	128.6

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 48.018 ug/l

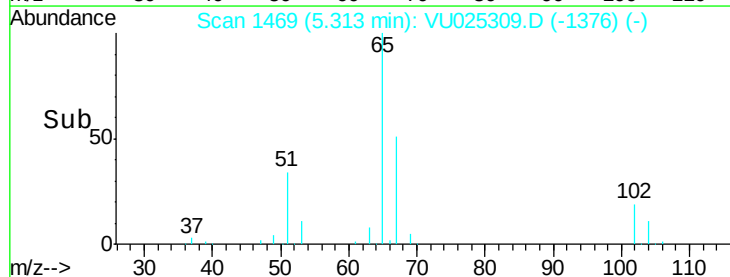
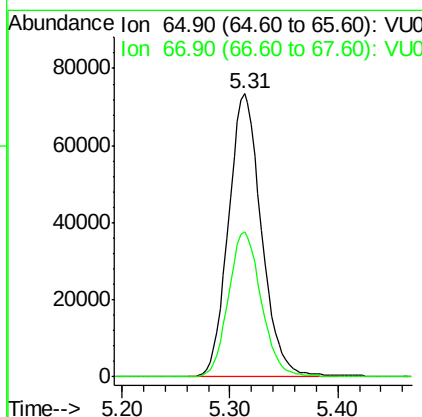
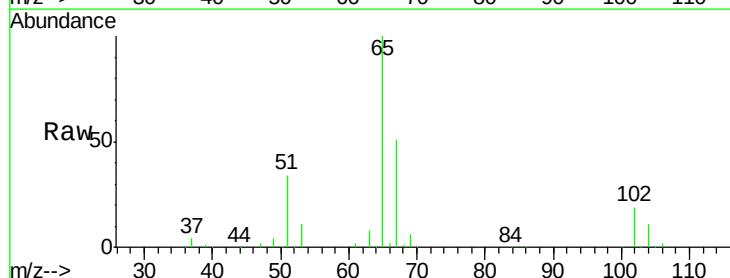
RT: 5.31 min Scan# 1469

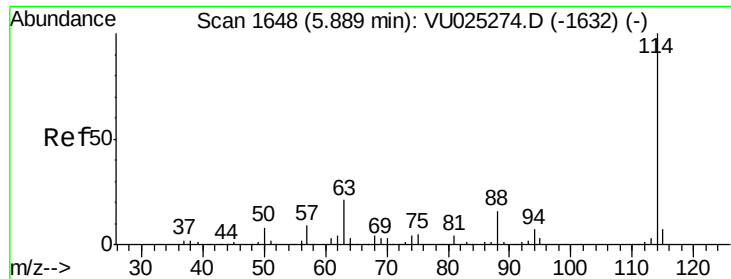
Delta R.T. 0.00 min

Lab File: VU025309.D

Acq: 11 Jul 2018 13:03

Tgt Ion:	65	Resp:	156986
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.6





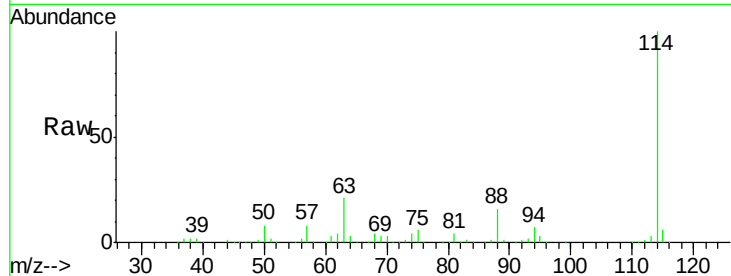
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.89 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VU025309.D
Acq: 11 Jul 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
SS038MW013-180705DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	21.0	0.0	41.6
88	16.2	0.0	32.4

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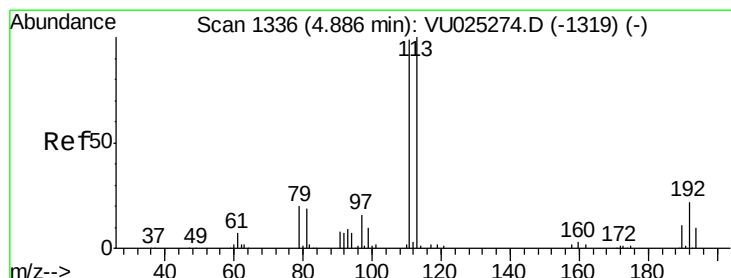
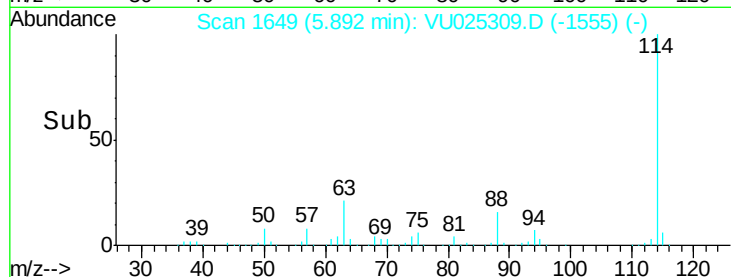
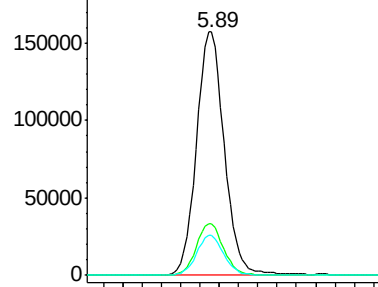
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Abundance Ion 113.90 (113.60 to 114.60): V

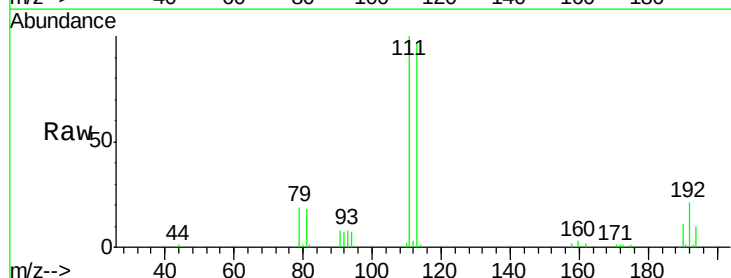
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
Dibromofluoromethane
Concen: 46.476 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025309.D
Acq: 11 Jul 2018 13:03

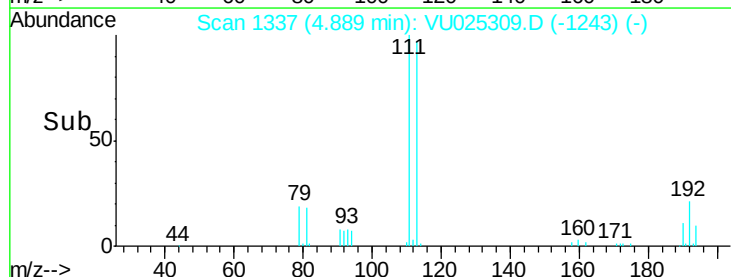
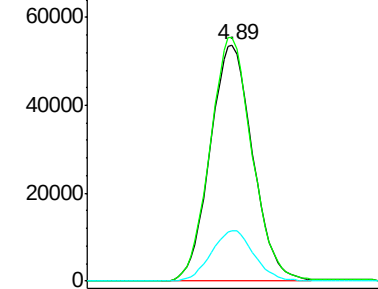
Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	102.1	81.7	122.5
192	21.5	17.1	25.7

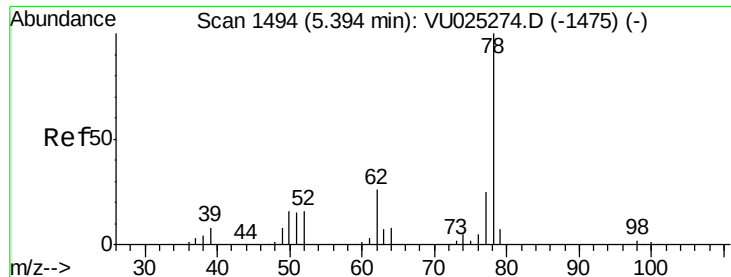


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





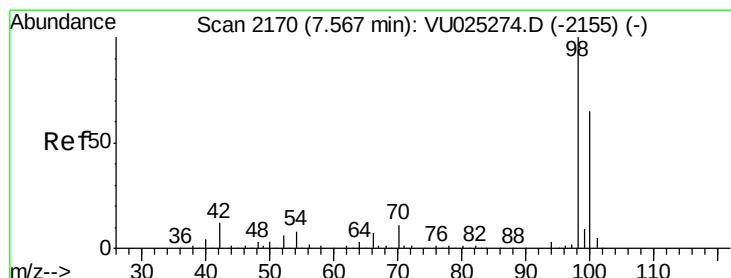
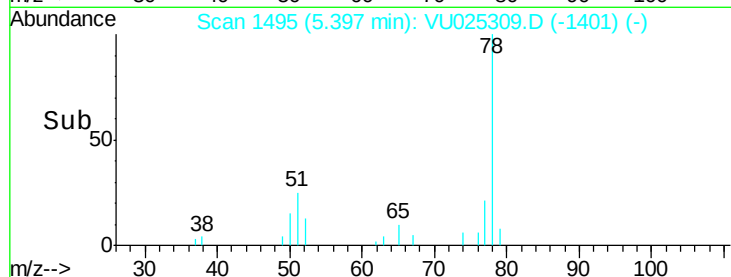
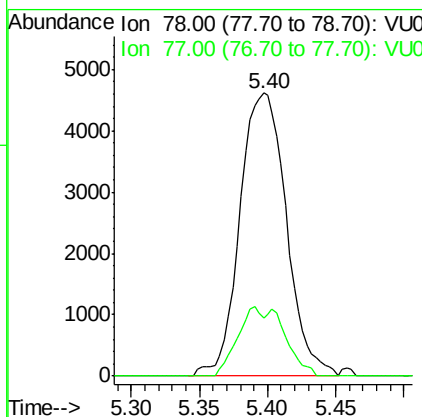
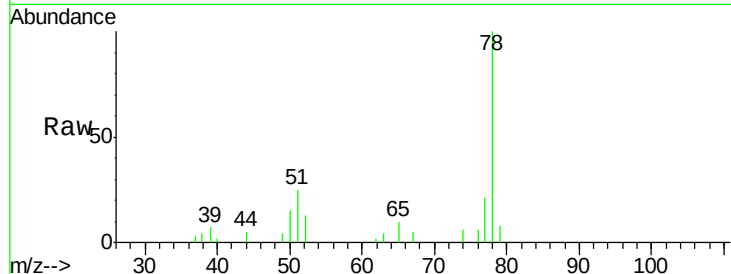
#40
Benzene
Concen: 1.082 ug/l
RT: 5.40 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VU025309.D
Acq: 11 Jul 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
SS038MW013-180705DL

Tgt Ion: 78 Resp: 10913
Ion Ratio Lower Upper
78 100
77 20.7 19.8 29.6

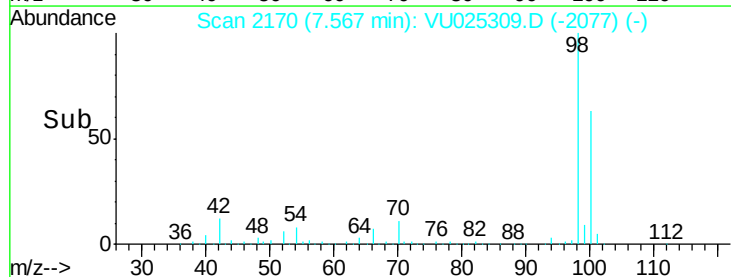
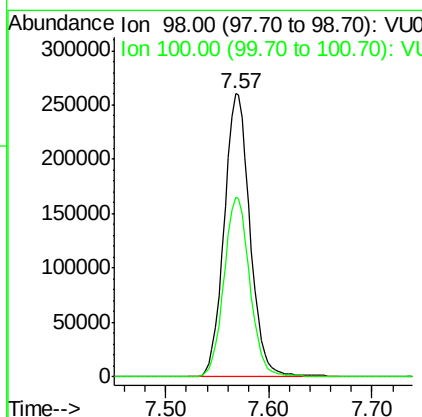
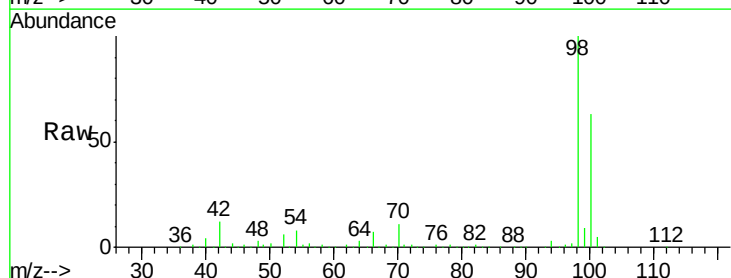
Manual Integrations
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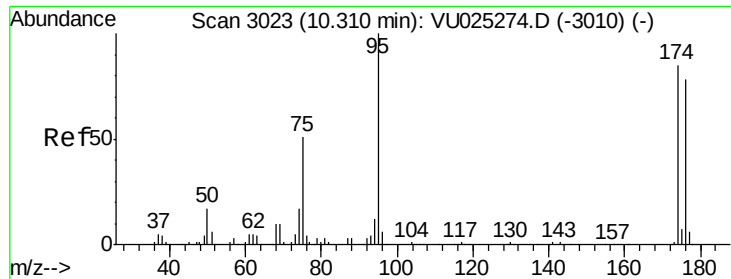
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7/12/2018 11:04:16 AM



#50
Toluene-d8
Concen: 49.957 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VU025309.D
Acq: 11 Jul 2018 13:03

Tgt Ion: 98 Resp: 454229
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7





#62

4-Bromofluorobenzene

Concen: 45.447 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU025309.D

Acq: 11 Jul 2018 13:03

Instrument :

MSVOA_U

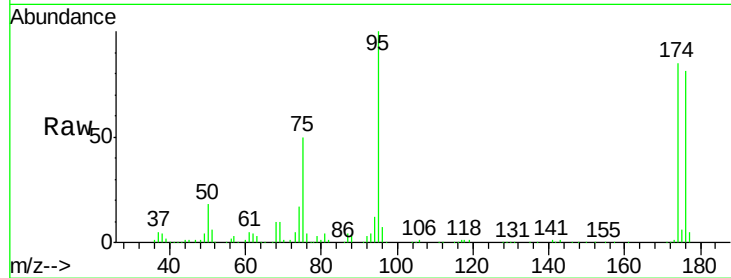
ClientSampleId :

SS038MW013-180705DL

Tgt Ion:	95	Resp:	166366
Ion Ratio	Lower	Upper	
95	100		
174	85.8	0.0	172.2
176	83.1	0.0	162.6

Manual Integrations
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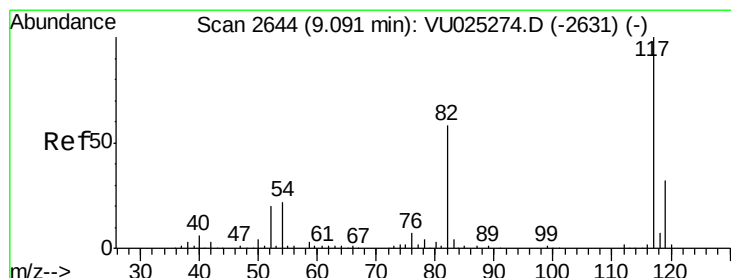
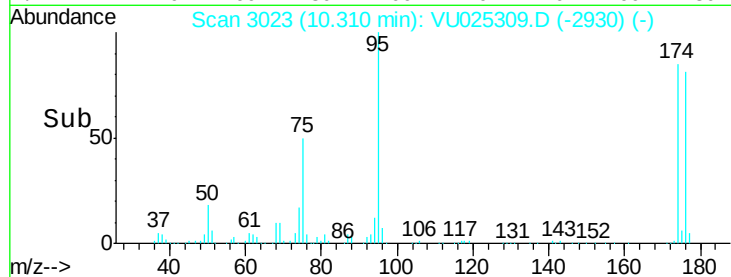
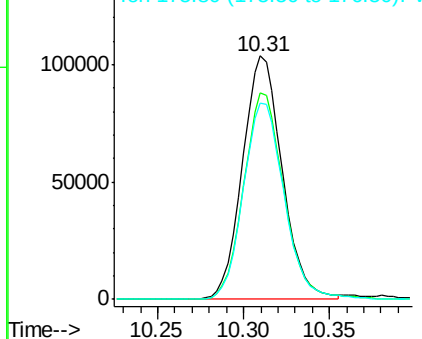
MMDadoda
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Abundance Ion 94.90 (94.60 to 95.60): VU025309.D (-2930) (-)

Ion 173.80 (173.50 to 174.50): VU025309.D (-2930) (-)

Ion 175.80 (175.50 to 176.50): VU025309.D (-2930) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

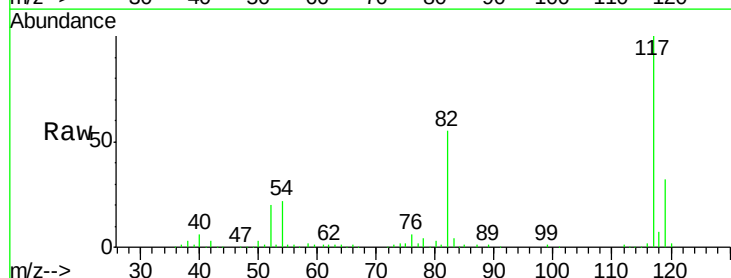
RT: 9.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VU025309.D

Acq: 11 Jul 2018 13:03

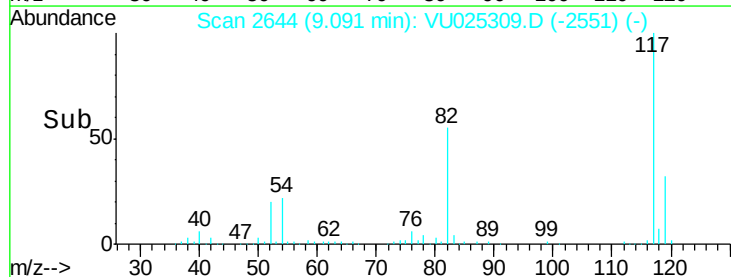
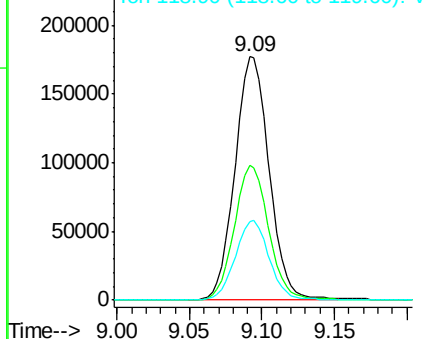
Tgt Ion:	117	Resp:	290983
Ion Ratio	Lower	Upper	
117	100		
82	55.2	46.0	69.0
119	32.3	26.0	39.0

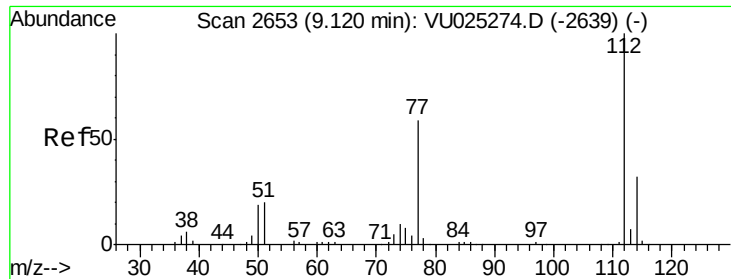


Abundance Ion 116.90 (116.60 to 117.60): VU025309.D (-2551) (-)

Ion 82.00 (81.70 to 82.70): VU025309.D (-2551) (-)

Ion 118.90 (118.60 to 119.60): VU025309.D (-2551) (-)





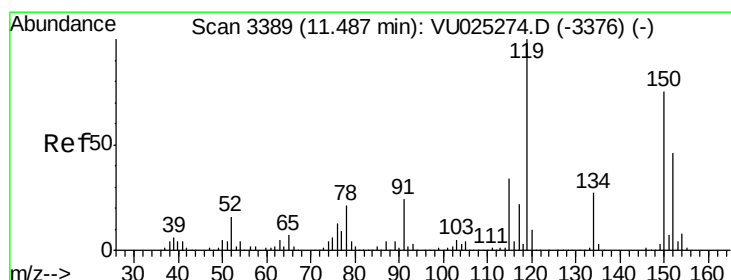
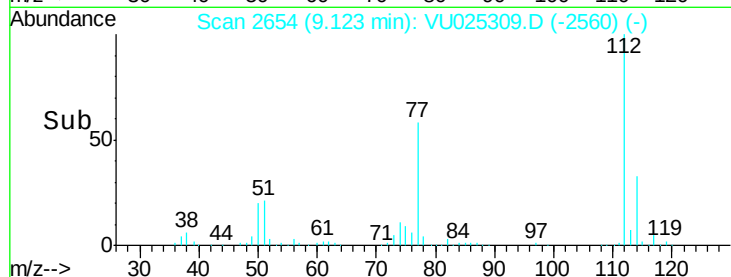
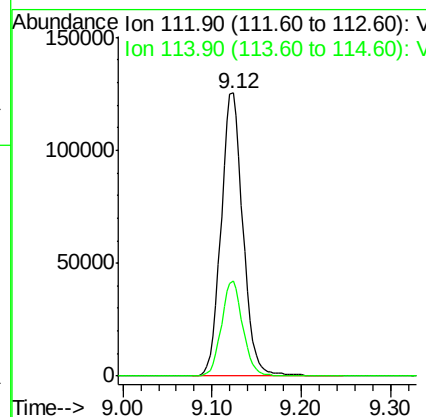
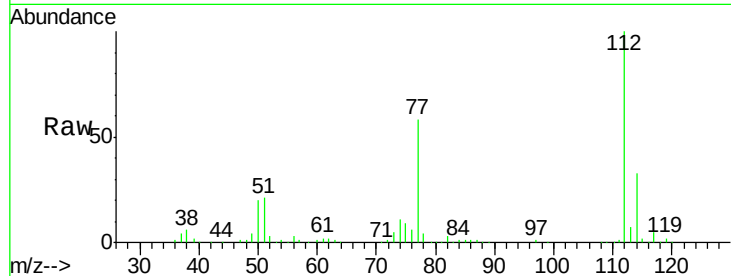
#65
Chlorobenzene
Concen: 29.317 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. 0.00 min
Lab File: VU025309.D
Acq: 11 Jul 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
SS038MW013-180705DL

Tgt Ion:112 Resp: 213105
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.8

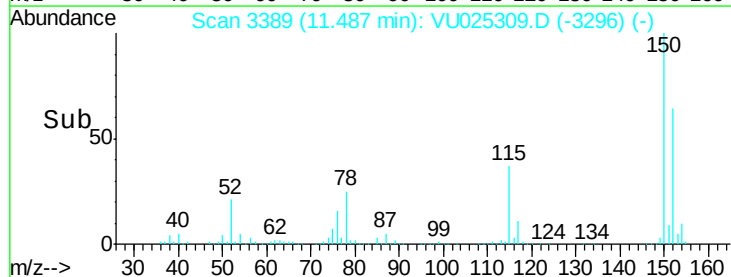
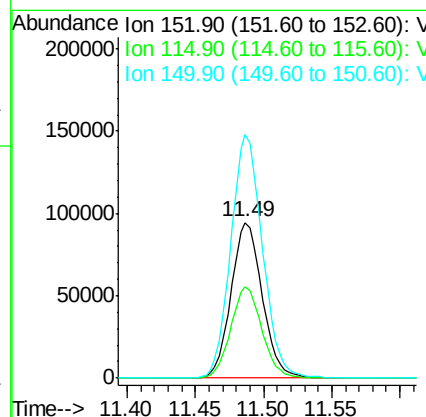
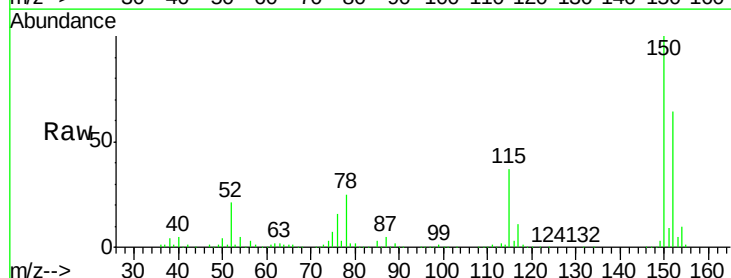
Manual Integrations
APPROVED

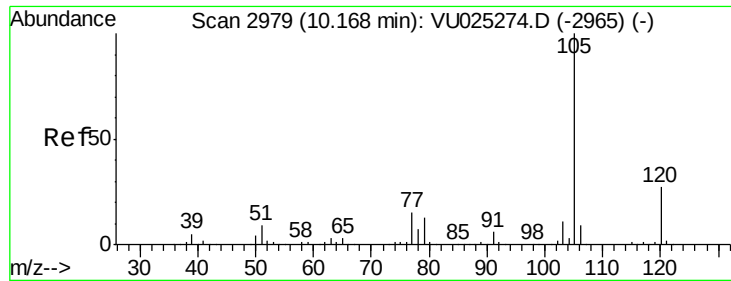
MMDadoda
7/12/2018 11:04:16 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. -0.00 min
Lab File: VU025309.D
Acq: 11 Jul 2018 13:03

Tgt Ion:152 Resp: 150246
Ion Ratio Lower Upper
152 100
115 58.5 40.1 120.3
150 159.0 0.0 351.4





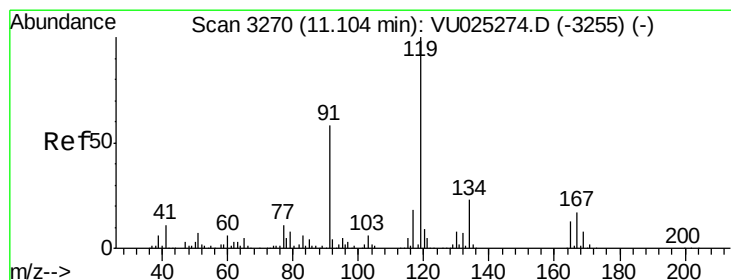
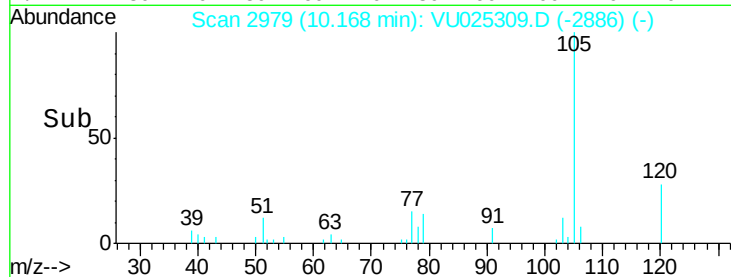
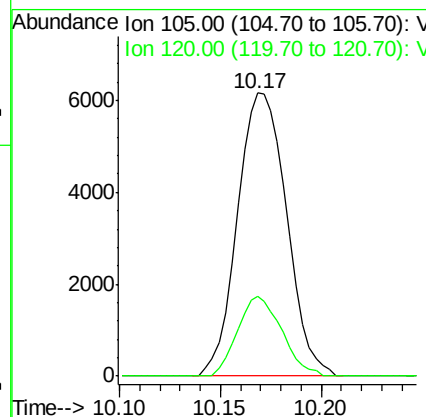
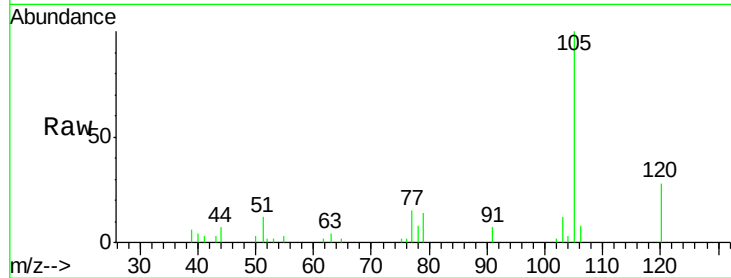
#73
Isopropylbenzene
Concen: 0.916 ug/l
RT: 10.17 min Scan# 2979
Delta R.T. 0.00 min
Lab File: VU025309.D
Acq: 11 Jul 2018 13:03

Instrument :
MSVOA_U
ClientSampleId :
SS038MW013-180705DL

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.3	13.5	40.5

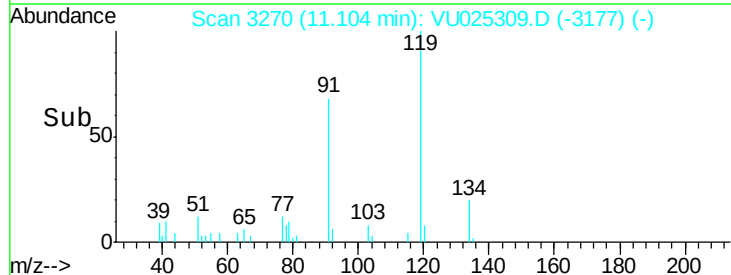
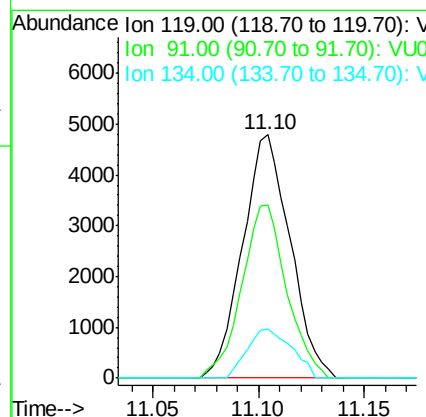
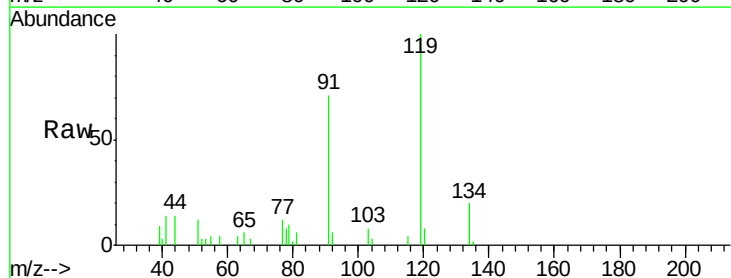
Manual Integrations
APPROVED

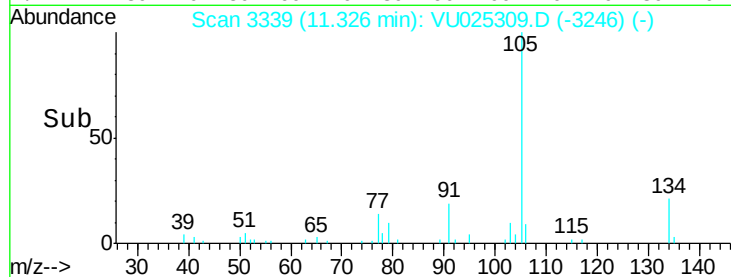
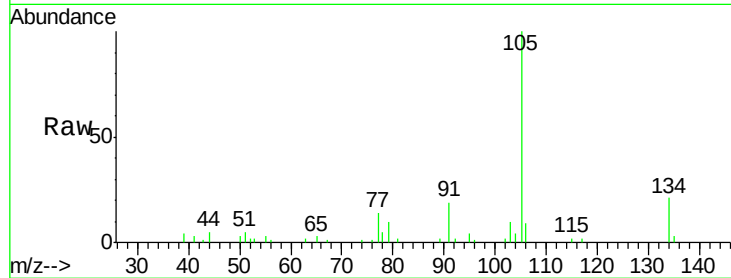
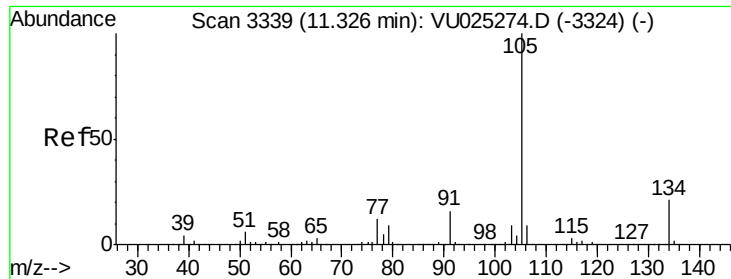
MMDadoda
7/12/2018 11:04:16 AM



#83
tert-Butylbenzene
Concen: 0.767 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU025309.D
Acq: 11 Jul 2018 13:03

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.2	29.7	89.1
134	18.9	11.5	34.5





#85

sec-Butylbenzene

Concen: 1.359 ug/l m

RT: 11.33 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VU025309.D

Acq: 11 Jul 2018 13:03

Tgt Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.3	30.8#

Instrument :

MSVOA_U

ClientSampleId :

SS038MW013-180705DL

Manual Integrations
APPROVED

MMDadoda
7/12/2018 11:04:16 AM

