

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033829.D
 Acq On : 29 May 2019 8:17
 Operator : SY/AP
 Sample : K2960-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3010-25DL

Manual Integrations
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 5/29/2019 12:41:42 PM

Quant Time: May 29 09:00:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 1
 QLast Update : Fri May 17 08:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.75	49	817679	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1873906	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1762047	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1423745	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	30609	0.768	ppbv	92
13) Ethanol	3.67	45	13063m	1.015	ppbv	
15) Acetone	3.90	43	437725	3.858	ppbv	99
53) Toluene	9.94	91	19114m	0.104	ppbv	

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

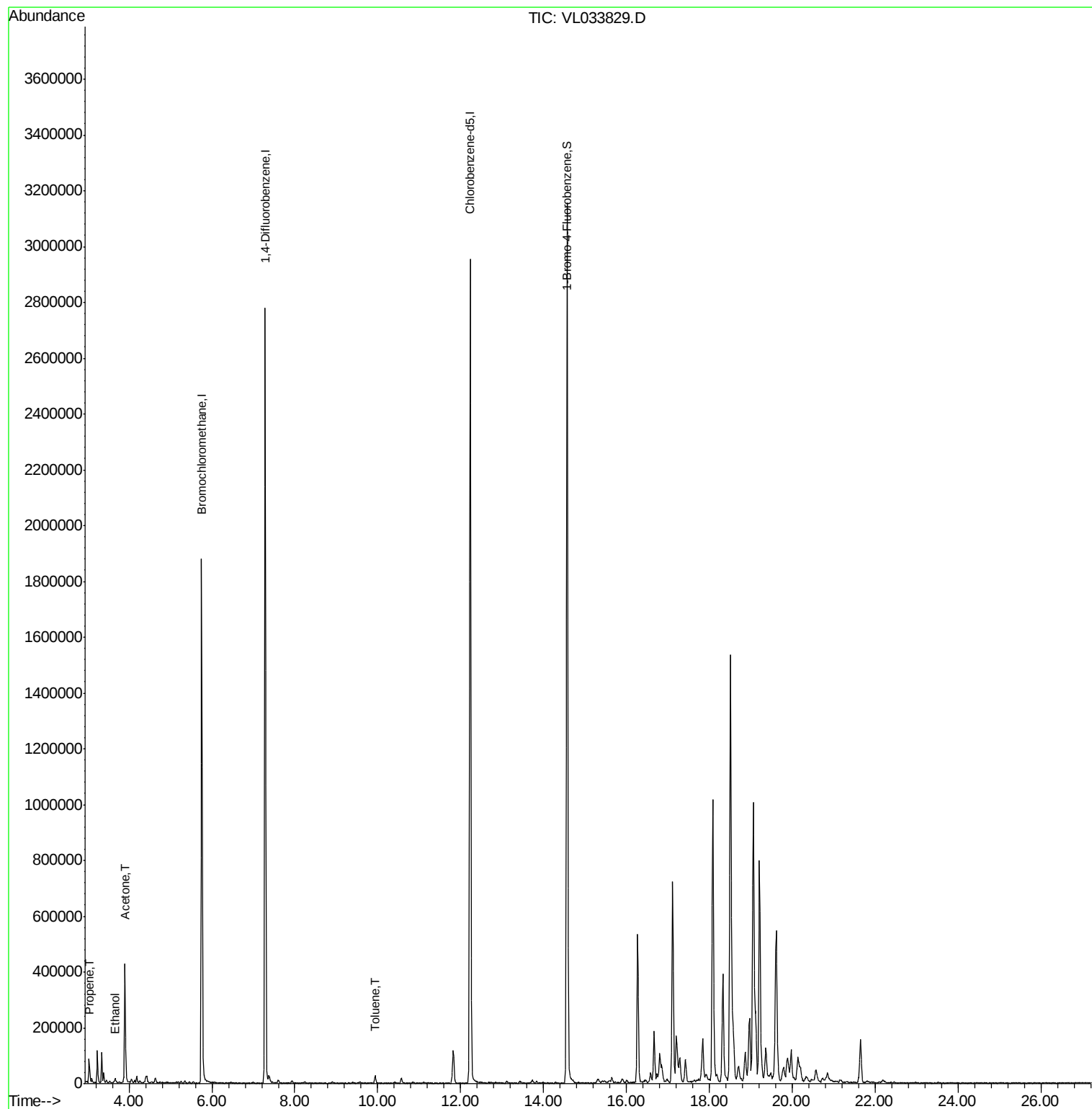
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052819\
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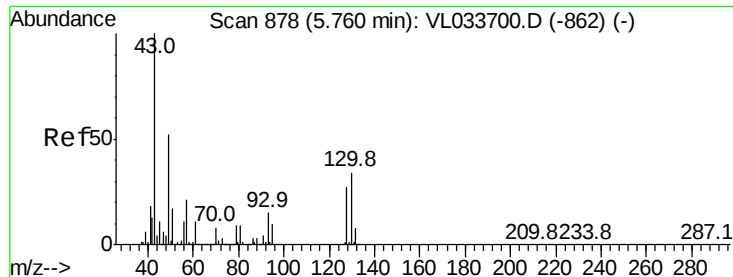
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
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QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 876

Delta R.T. -0.01 min

Lab File: VL033829.D

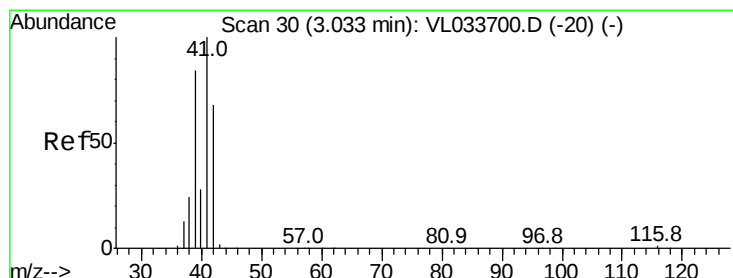
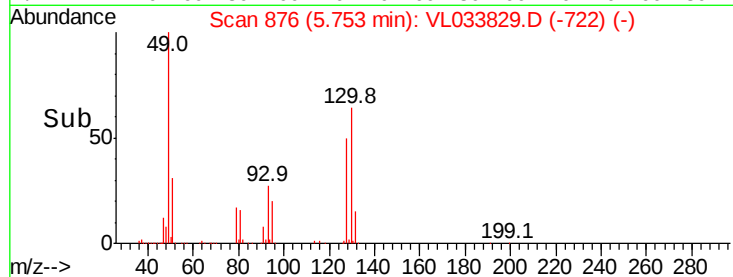
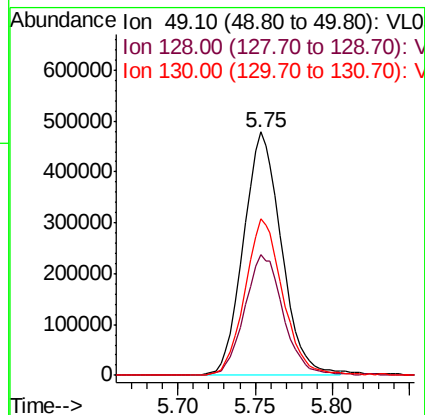
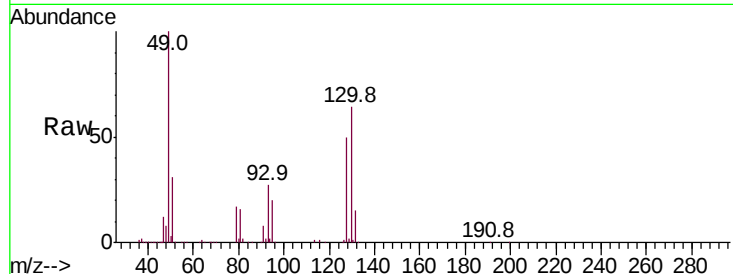
Acq: 29 May 2019 8:17

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25DL

Tot Ion: 49 Resp: 817679
Ion Ratio Lower Upper
49 100
128 50.9 25.2 75.6
130 64.7 32.5 97.5

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#9

Propene

Concen: 0.768 ppbv

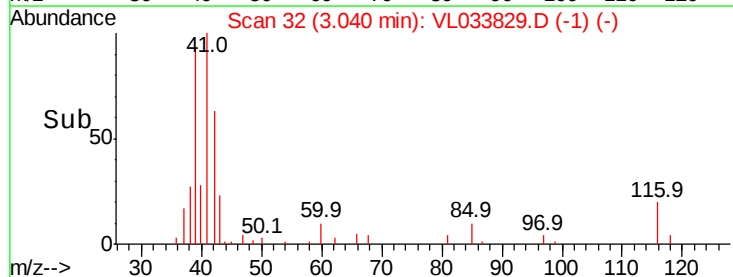
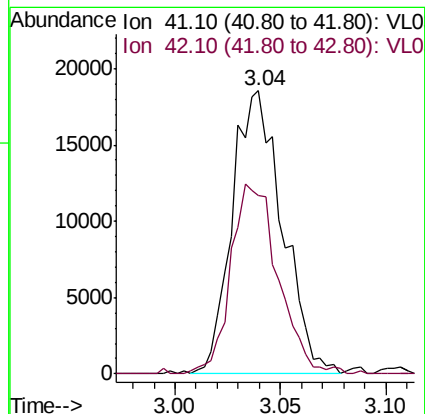
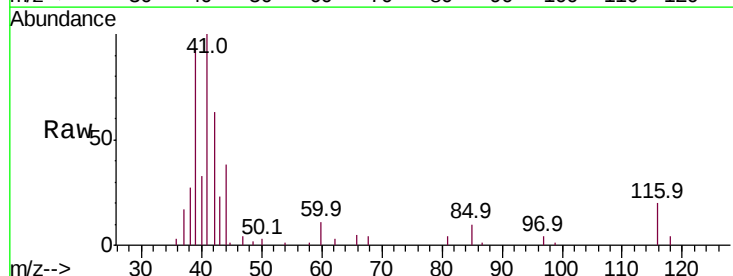
RT: 3.04 min Scan# 32

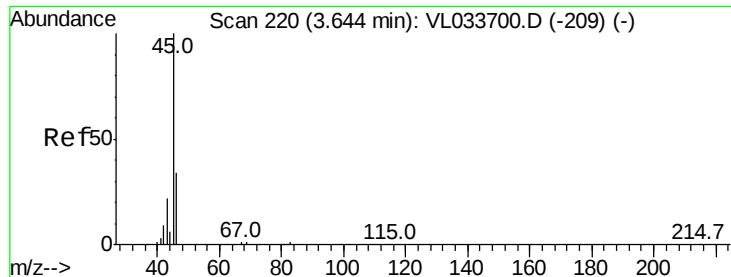
Delta R.T. 0.01 min

Lab File: VL033829.D

Acq: 29 May 2019 8:17

Tgt Ion: 41 Resp: 30609
Ion Ratio Lower Upper
41 100
42 63.5 56.1 84.1





#13

Ethanol

Concen: 1.015 ppbv m

RT: 3.67 min Scan# 228

Delta R.T. 0.03 min

Lab File: VL033829.D

Acq: 29 May 2019 8:17

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3010-25DL

Tot Ion: 45 Resp: 13063

Ion Ratio Lower Upper

45 100

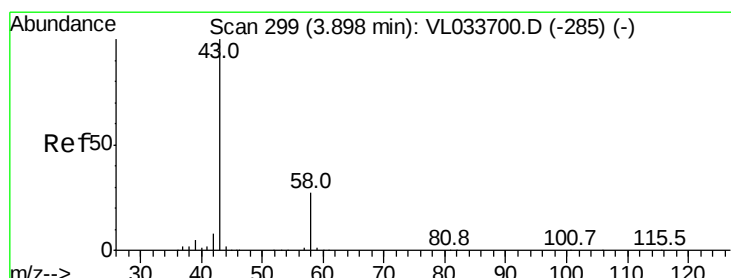
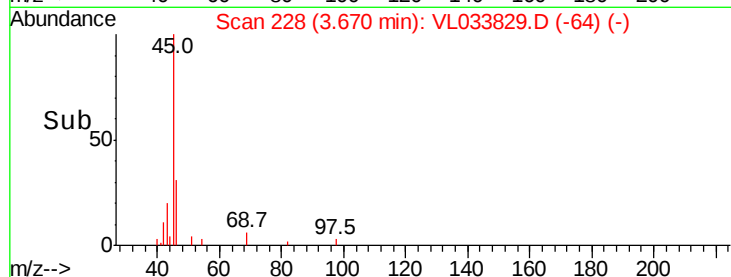
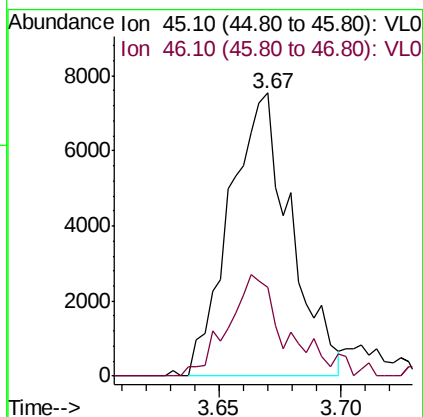
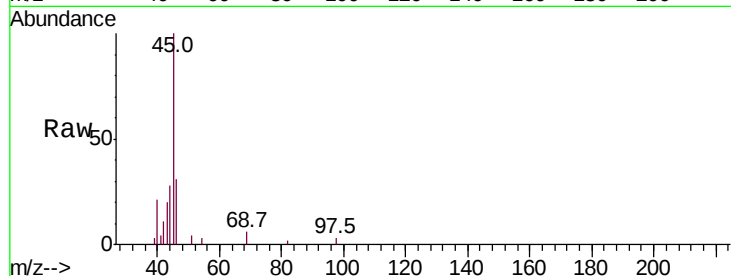
46 35.1 14.8 59.0

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#15

Acetone

Concen: 3.858 ppbv

RT: 3.90 min Scan# 300

Delta R.T. 0.00 min

Lab File: VL033829.D

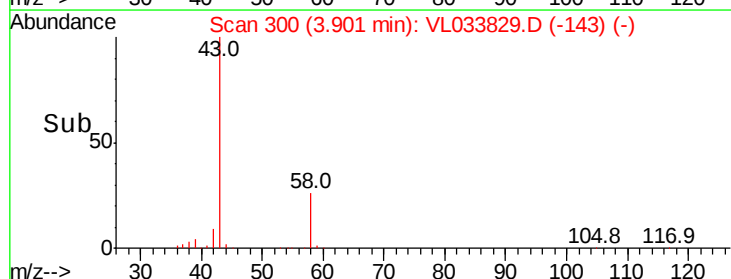
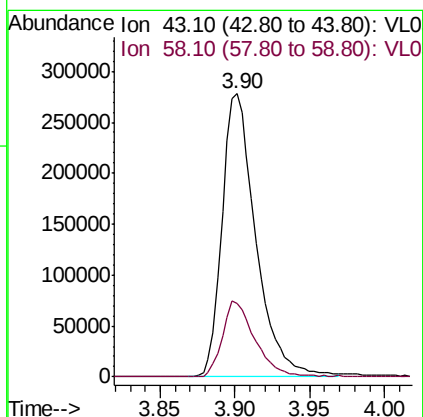
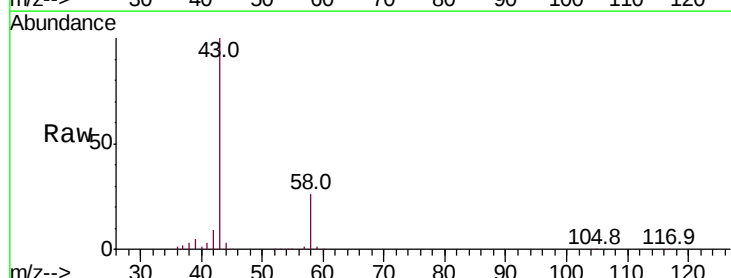
Acq: 29 May 2019 8:17

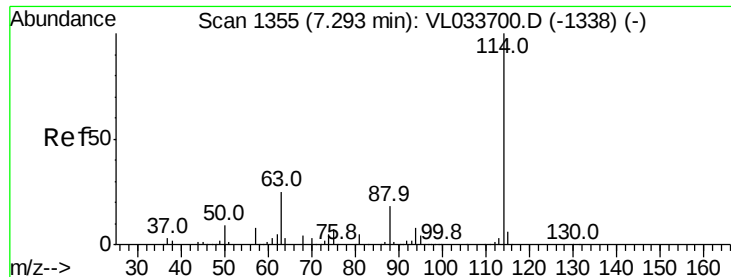
Tgt Ion: 43 Resp: 437725

Ion Ratio Lower Upper

43 100

58 26.2 21.3 31.9





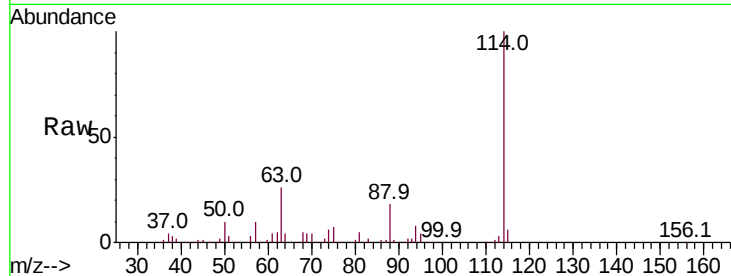
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: VL033829.D
 Acq: 29 May 2019 8:17

Instrument :
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 BPS1-SG-3010-25DL

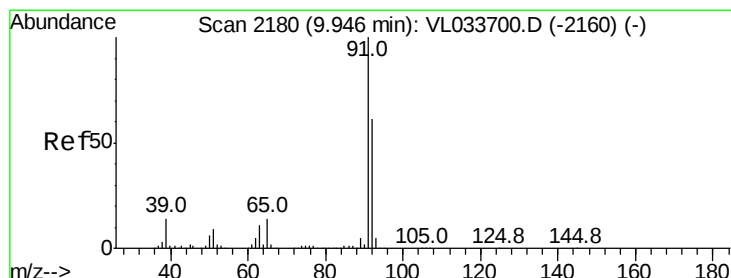
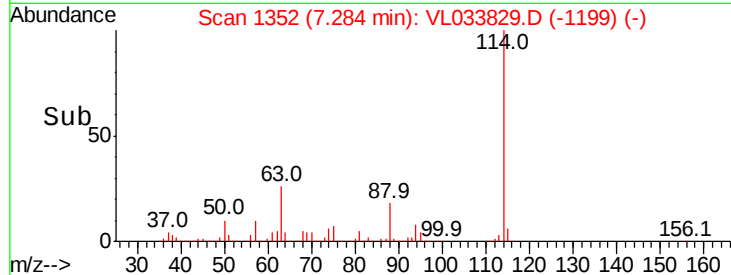
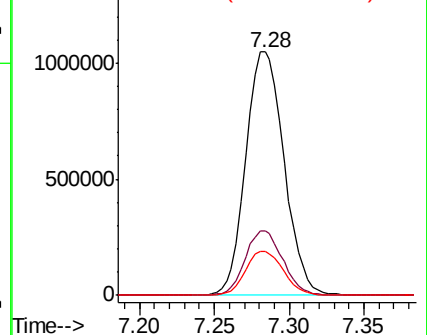
Tot Ion	Ratio	Lower	Upper
114	100		
63	26.1	20.9	31.3
88	18.0	14.3	21.5

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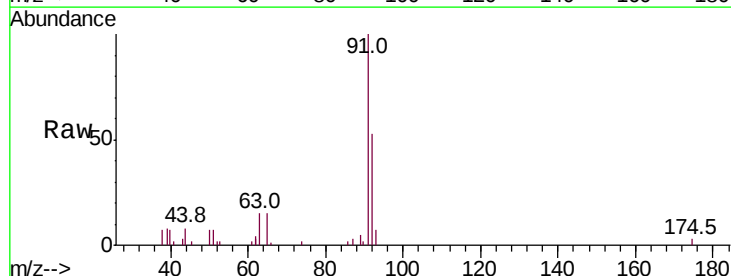


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

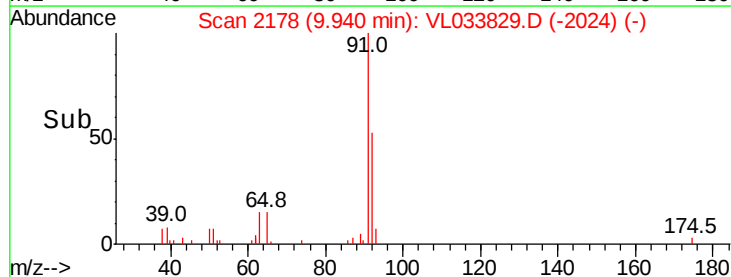
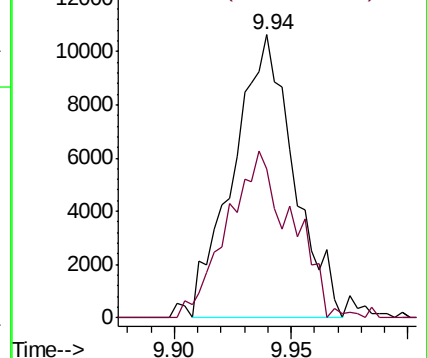


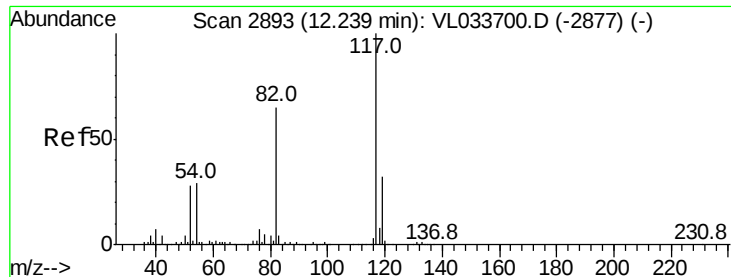
#53
 Toluene
 Concen: 0.104 ppbv m
 RT: 9.94 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: VL033829.D
 Acq: 29 May 2019 8:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	0.0	47.6	71.4#



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0





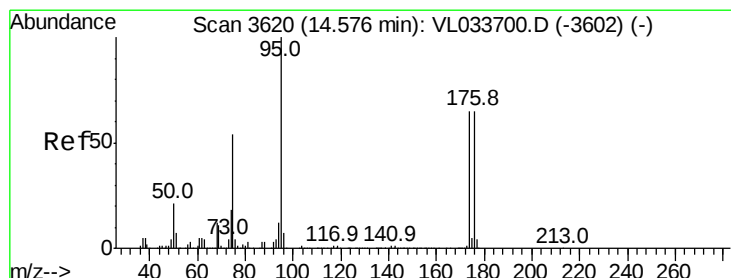
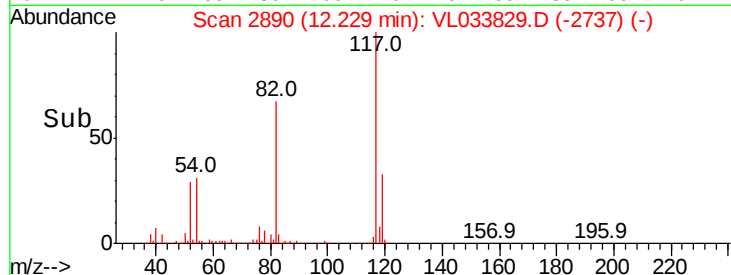
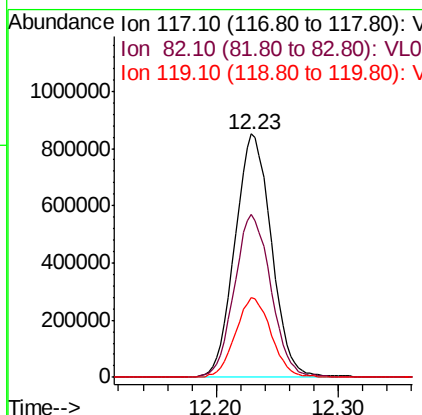
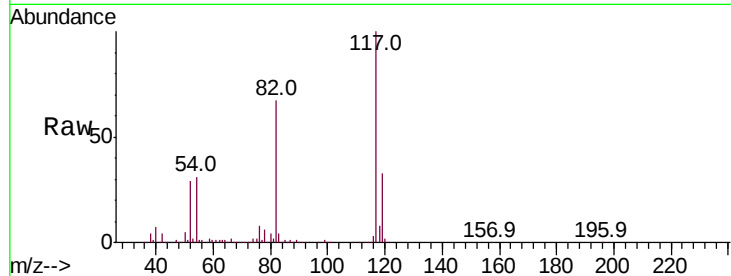
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3010-25DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.5	49.4	74.0
119	32.4	24.9	37.3

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.967 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033829.D
Acq: 29 May 2019 8:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.1	53.9	80.9
175	4.8	3.8	5.8

