

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033824.D
 Acq On : 29 May 2019 5:05
 Operator : SY/AP
 Sample : K2960-06 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3009-25

Manual Integrations
 APPROVED

apatel
 5/29/2019 12:41:25 PM

Quant Time: May 29 07:03:29 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	5.76	49	823518	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1955976	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	1754965	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1460902	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

Target Compounds					Ovalue
9) Propene	3.05	41	11848	0.295 ppbv	88
13) Ethanol	3.66	45	5819m	0.449 ppbv	
15) Acetone	3.90	43	73741	0.645 ppbv	96
20) Methylene Chloride	4.41	84	7723m	0.176 ppbv	

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

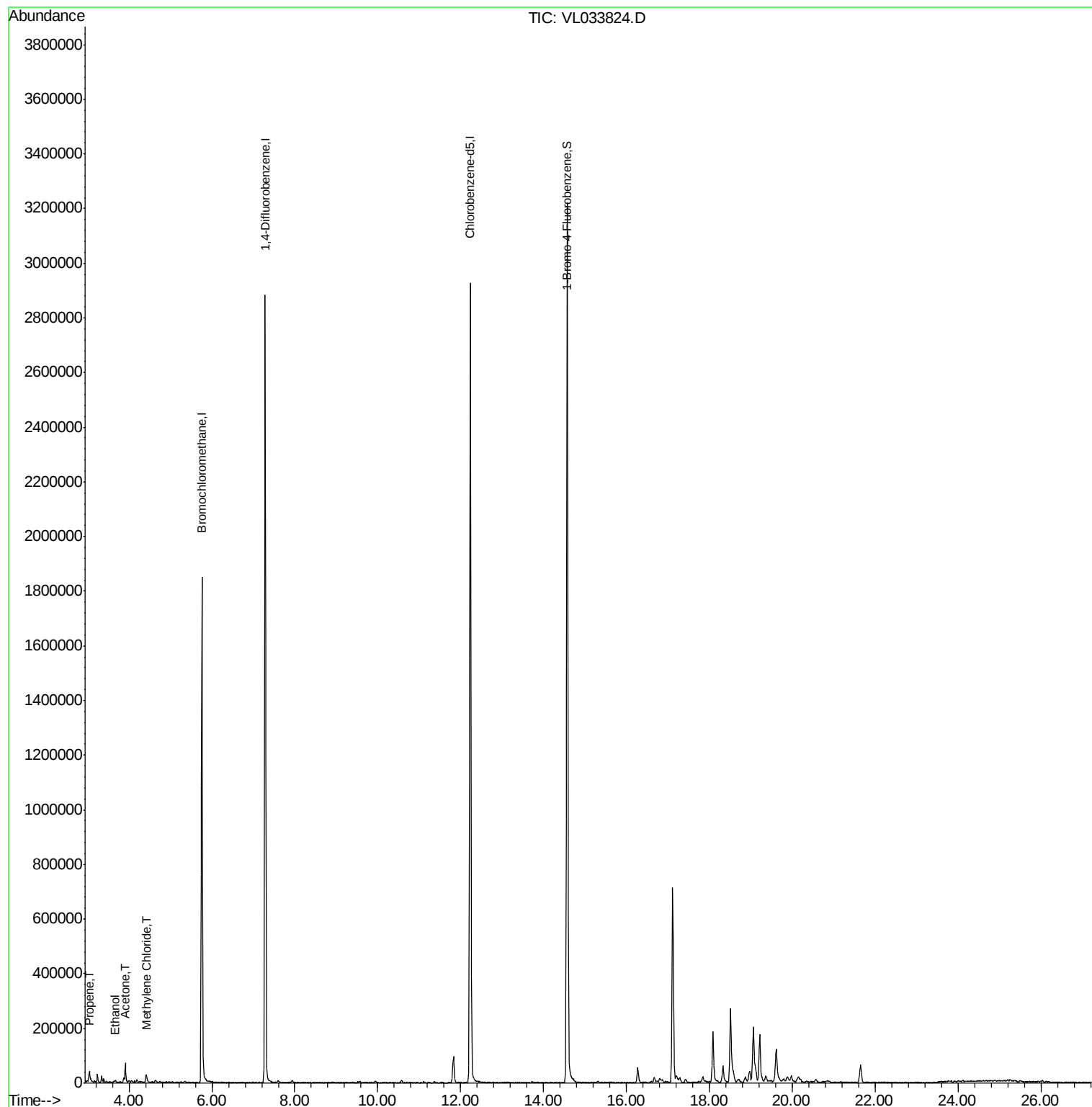
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052819\
Data File : VL033824.D
Acq On : 29 May 2019 5:05
Operator : SY/AP
Sample : K2960-06 10X
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

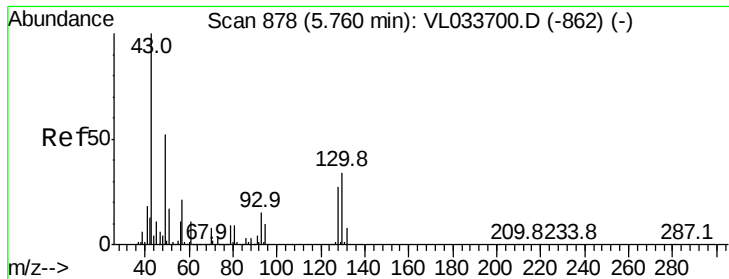
Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-25

Manual Integrations
APPROVED

apatel
5/29/2019 12:41:25 PM

Quant Time: May 29 07:03:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 877

Delta R.T. -0.00 min

Lab File: VL033824.D

Acq: 29 May 2019 5:05

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3009-25

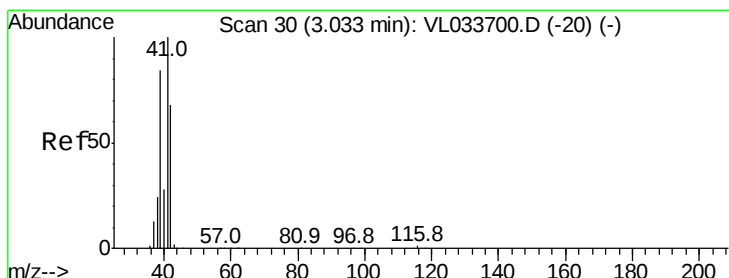
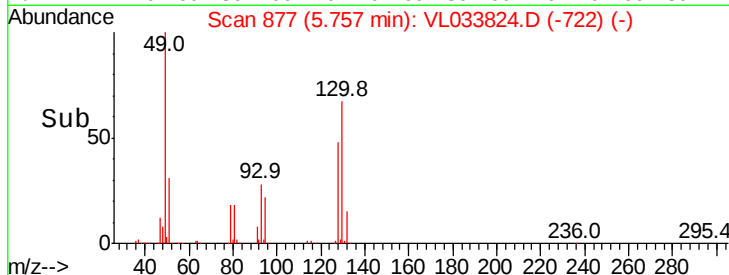
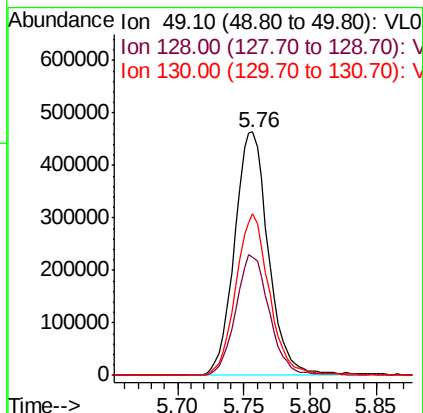
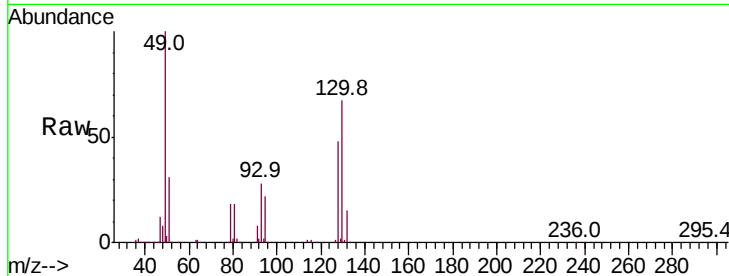
Tot Ion: 49 Resp: 823518

Ion	Ratio	Lower	Upper
49	100		
128	49.7	25.2	75.6
130	65.6	32.5	97.5

Manual Integrations
APPROVED

apatel

5/29/2019 12:41:25 PM



#9

Propene

Concen: 0.295 ppbv

RT: 3.05 min Scan# 34

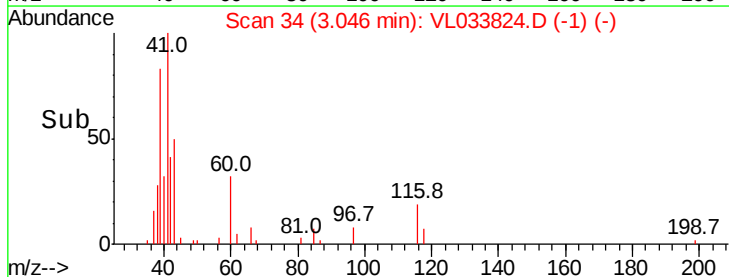
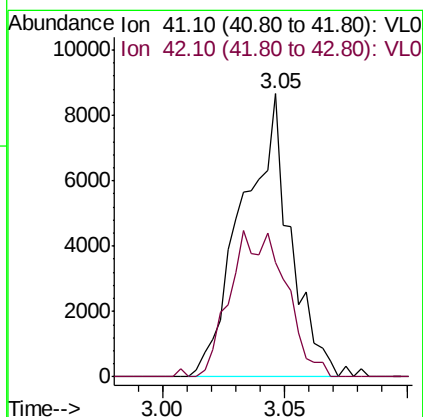
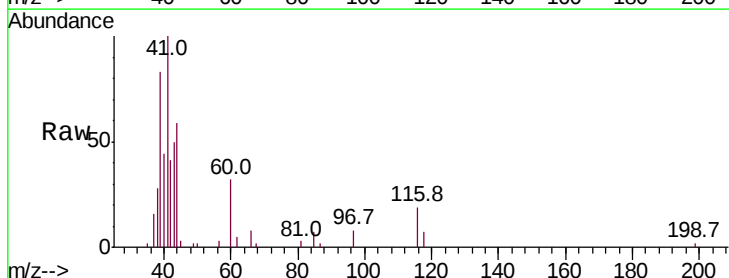
Delta R.T. 0.01 min

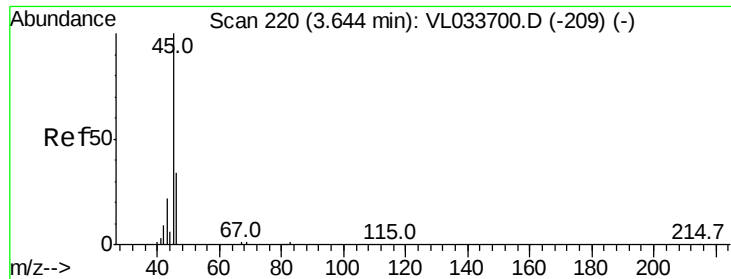
Lab File: VL033824.D

Acq: 29 May 2019 5:05

Tgt Ion: 41 Resp: 11848

Ion	Ratio	Lower	Upper
41	100		
42	60.3	56.1	84.1





#13

Ethanol

Concen: 0.449 ppbv m

RT: 3.66 min Scan# 226

Delta R.T. 0.02 min

Lab File: VL033824.D

Acq: 29 May 2019 5:05

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3009-25

Tot Ion: 45 Resp: 5819

Ion Ratio Lower Upper

45 100

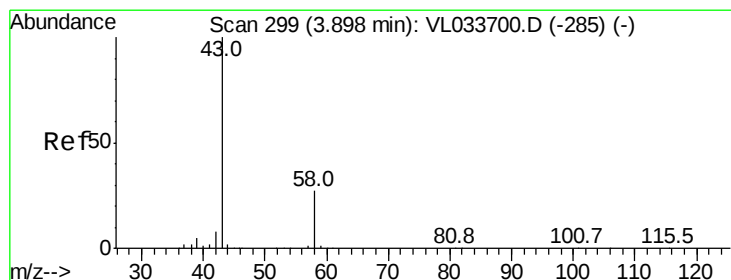
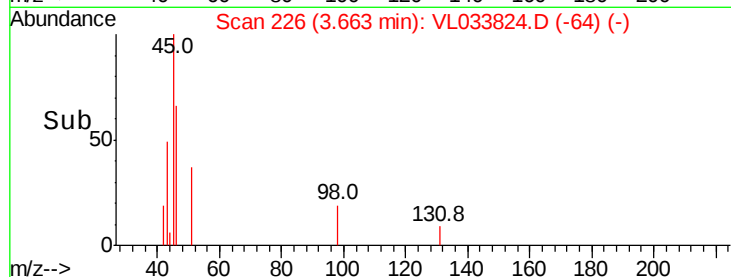
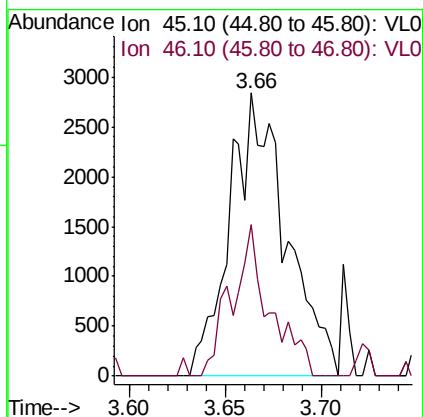
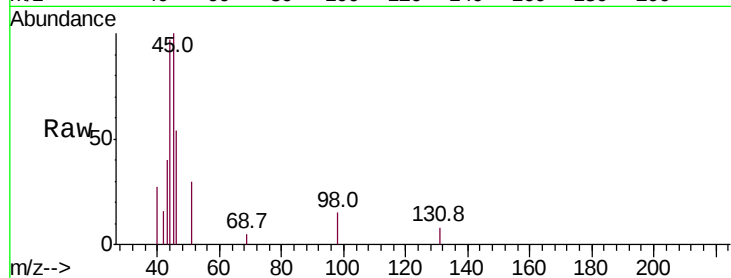
46 0.0 14.8 59.0#

Manual Integrations

APPROVED

apatel

5/29/2019 12:41:25 PM



#15

Acetone

Concen: 0.645 ppbv

RT: 3.90 min Scan# 301

Delta R.T. 0.01 min

Lab File: VL033824.D

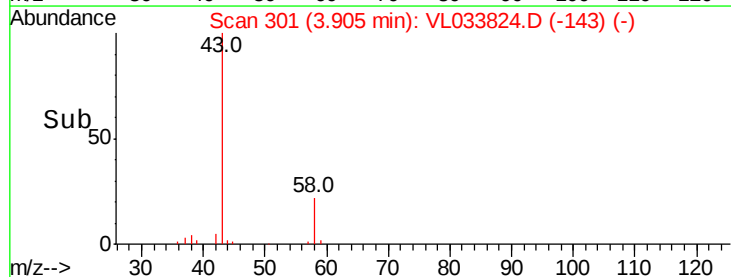
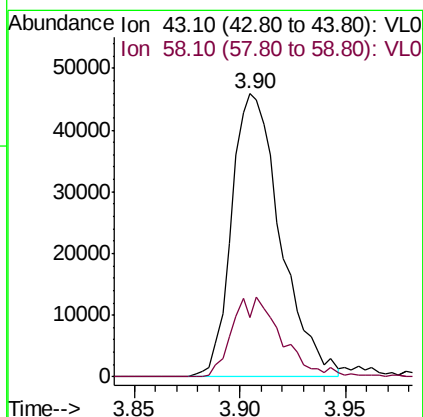
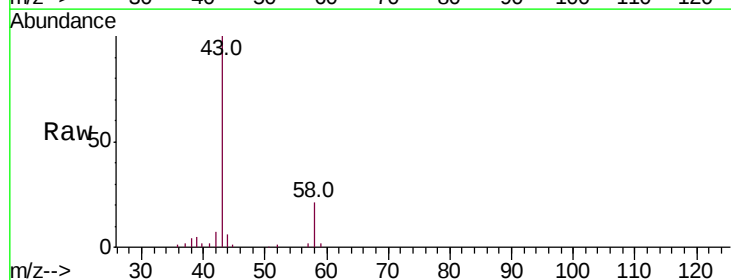
Acq: 29 May 2019 5:05

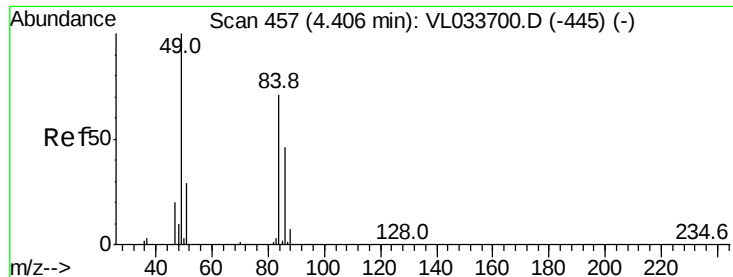
Tgt Ion: 43 Resp: 73741

Ion Ratio Lower Upper

43 100

58 28.9 21.3 31.9





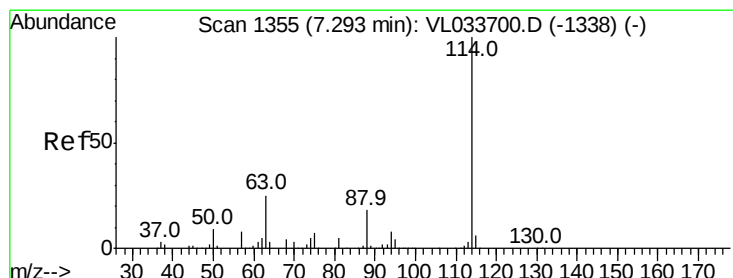
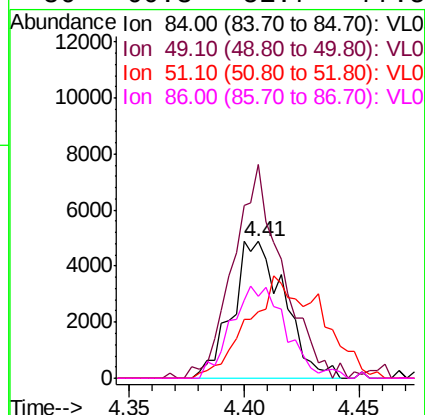
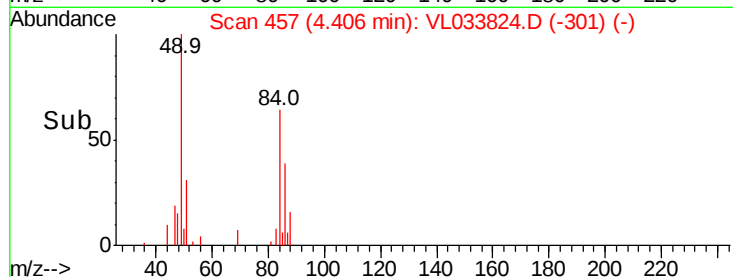
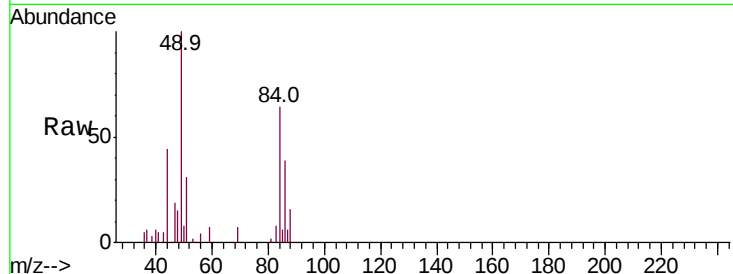
#20
Methylene Chloride
Concen: 0.176 ppbv
RT: 4.41 min Scan# 457
Delta R.T. 0.00 min
Lab File: VL033824.D
Acq: 29 May 2019 5:05

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-25

Tot Ion	84	Resp	7723
Ion	Ratio	Lower	Upper
84	100		
49	156.2	112.8	169.2
51	48.3	33.4	50.0
86	60.3	51.7	77.5

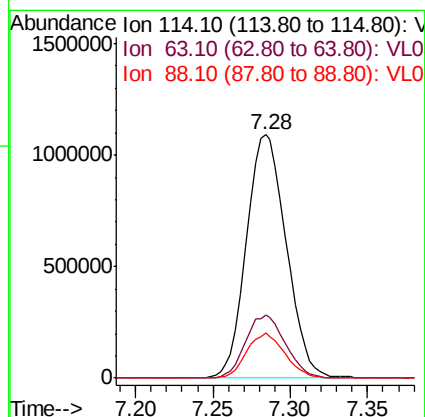
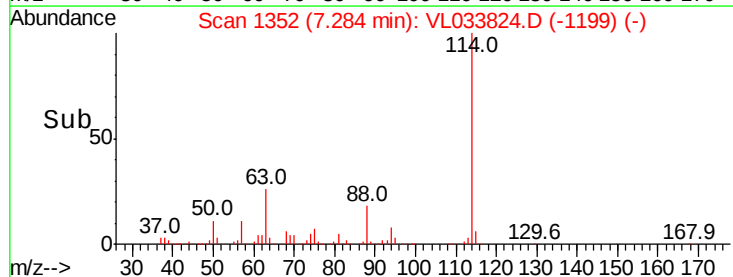
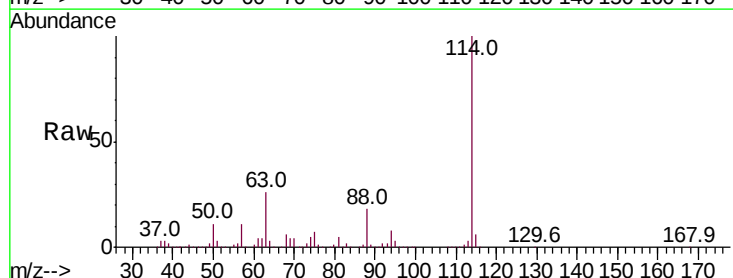
Manual Integrations
APPROVED

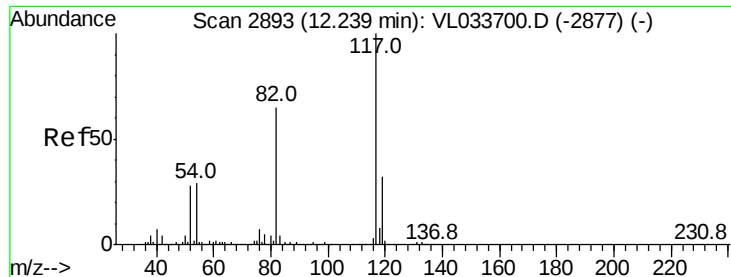
apatel
5/29/2019 12:41:25 PM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL033824.D
Acq: 29 May 2019 5:05

Tgt Ion	114	Resp	1955976
Ion	Ratio	Lower	Upper
114	100		
63	26.0	20.9	31.3
88	17.8	14.3	21.5





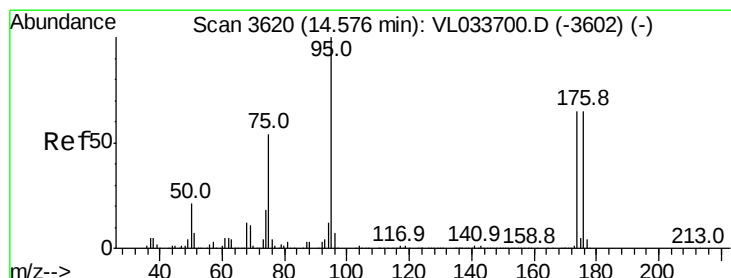
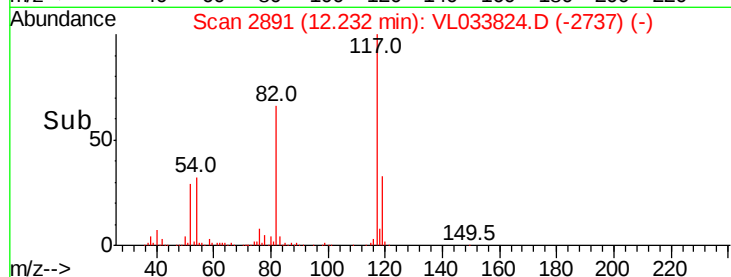
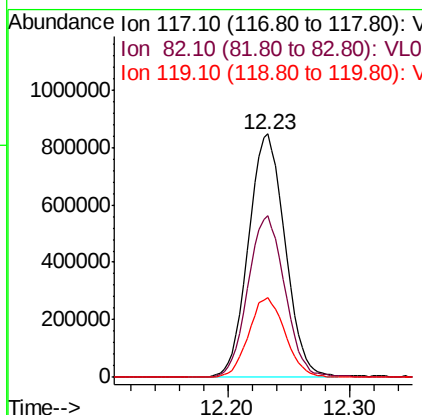
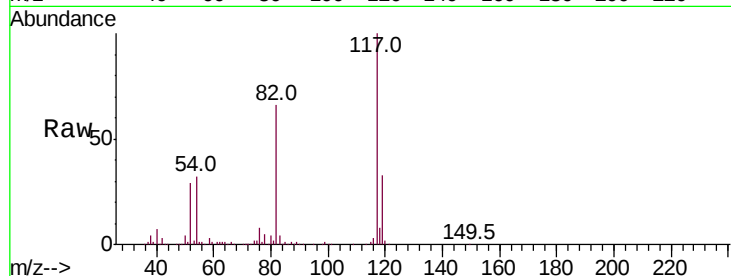
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL033824.D
Acq: 29 May 2019 5:05

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3009-25

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.5	49.4	74.0
119	32.8	24.9	37.3

Manual Integrations
APPROVED

apatel
5/29/2019 12:41:25 PM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.268 ppbv
RT: 14.57 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL033824.D
Acq: 29 May 2019 5:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	67.4	53.9	80.9
175	4.9	3.8	5.8

