

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052219\
 Data File : VL033748.D
 Acq On : 22 May 2019 17:30
 Operator : SY/AP
 Sample : K2929-10DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-ODA-3002-04DL

Manual Integrations
 APPROVED

MMDadoda
 5/28/2019 2:50:54 AM

Quant Time: May 23 05:18:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May 18 05:18:39 2019
 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	999291	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2281103	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.23	117	2257125	10.00	ppbv	-0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.56	95	1795570	9.81	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	13858	0.285	ppbv	95
13) Ethanol	3.64	45	144261	9.167	ppbv	99
15) Acetone	3.90	43	460569	3.322	ppbv	93
17) tert-Butyl alcohol	4.37	59	40981m	0.366	ppbv	
20) Methylene Chloride	4.40	84	15860	0.297	ppbv #	83
34) 2-Butanone	5.33	43	24451m	0.173	ppbv	

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

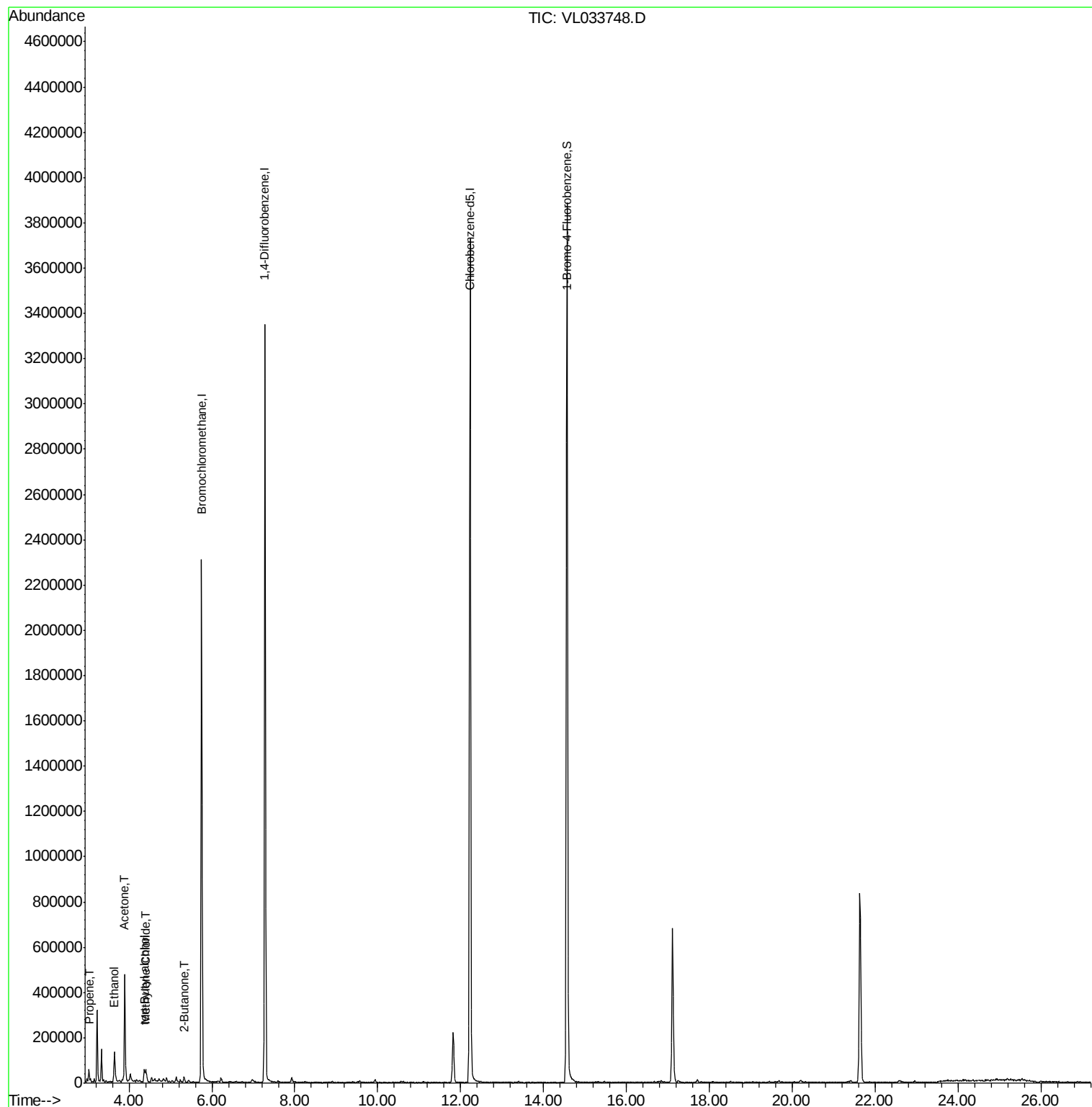
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052219\
Data File : VL033748.D
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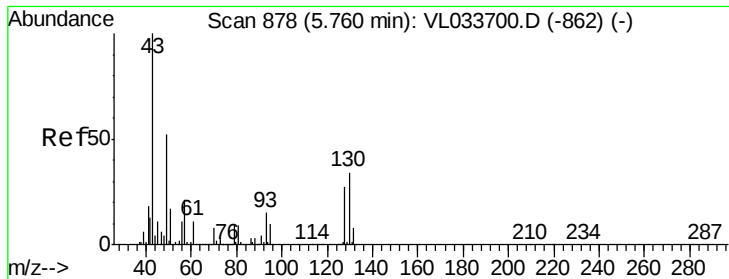
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 875

Delta R.T. -0.01 min

Lab File: VL033748.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA_L

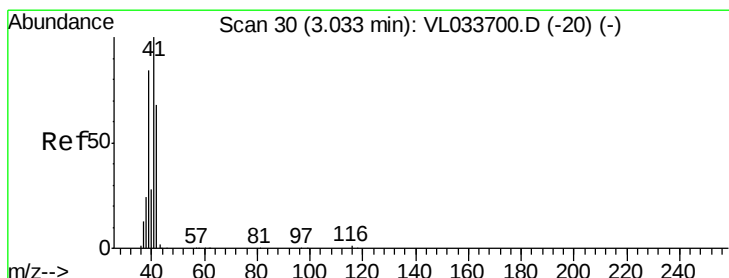
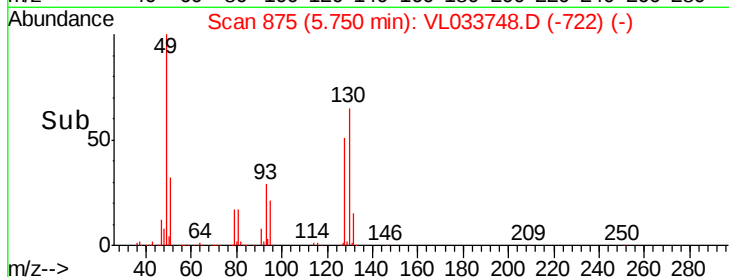
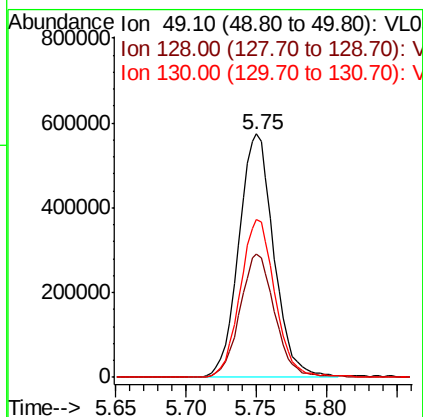
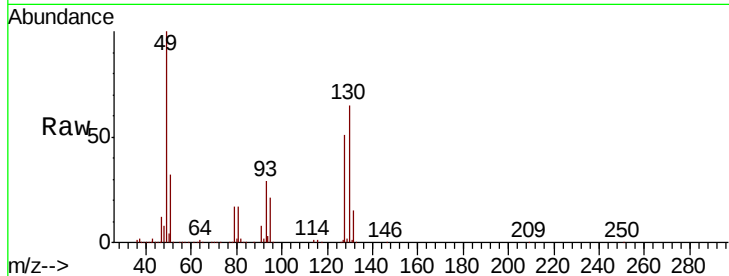
ClientSampleId :

BPS1-ODA-3002-04DL

Tot Ion:	49	Resp:	999291
Ion	Ratio	Lower	Upper
49	100		
128	51.0	25.2	75.6
130	65.1	32.5	97.5

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#9

Propene

Concen: 0.285 ppbv

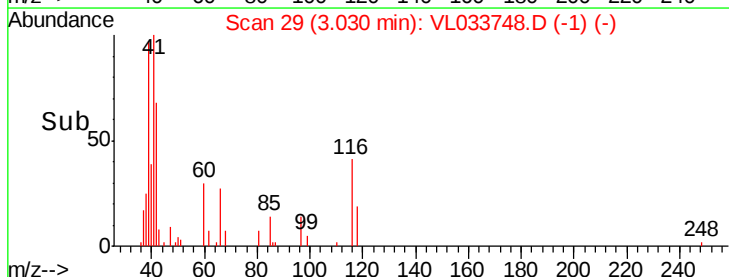
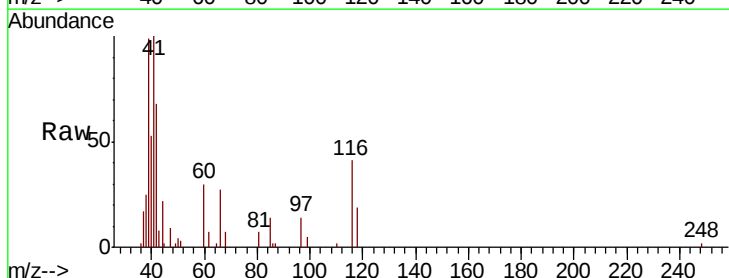
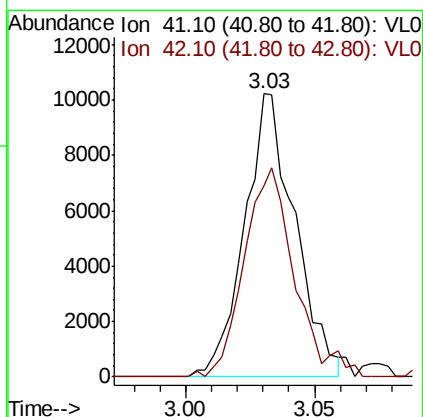
RT: 3.03 min Scan# 29

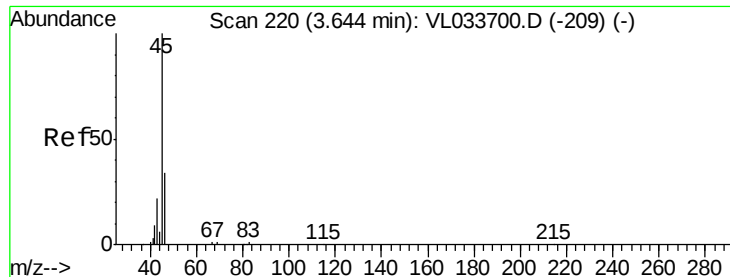
Delta R.T. -0.00 min

Lab File: VL033748.D

Acq: 22 May 2019 17:30

Tgt Ion:	41	Resp:	13858
Ion	Ratio	Lower	Upper
41	100		
42	74.0	56.1	84.1





#13

Ethanol

Concen: 9.167 ppbv

RT: 3.64 min Scan# 220

Delta R.T. 0.00 min

Lab File: VL033748.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA_L

ClientSampleId :

BPS1-ODA-3002-04DL

Tot Ion: 45 Resp: 144261

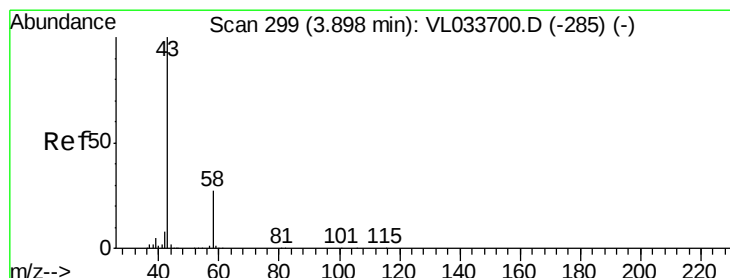
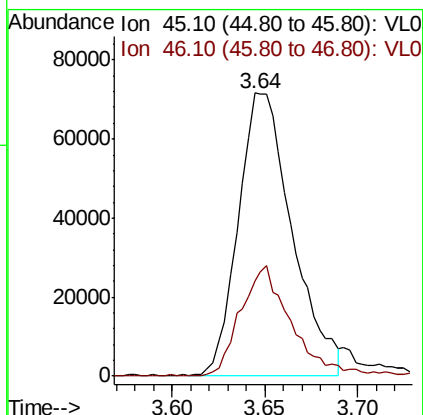
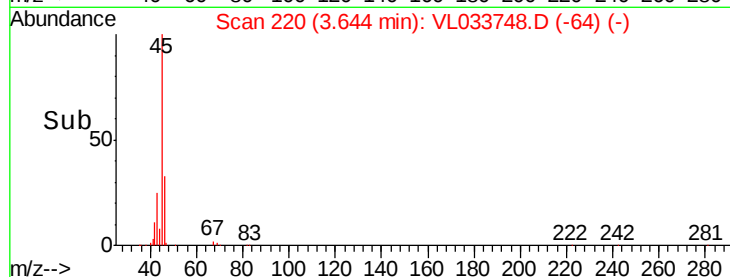
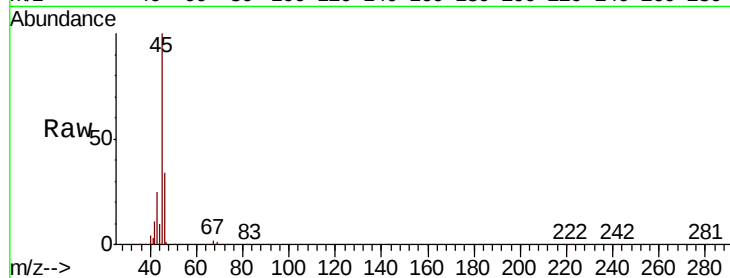
Ion Ratio Lower Upper

45 100

46 37.4 14.8 59.0

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#15

Acetone

Concen: 3.322 ppbv

RT: 3.90 min Scan# 298

Delta R.T. -0.00 min

Lab File: VL033748.D

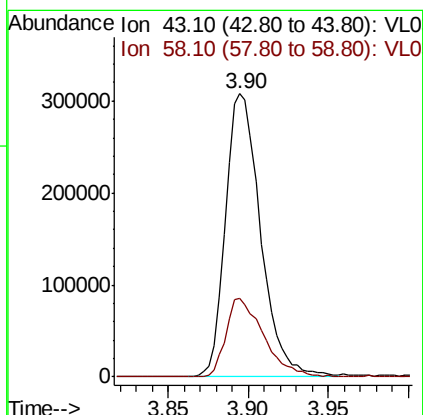
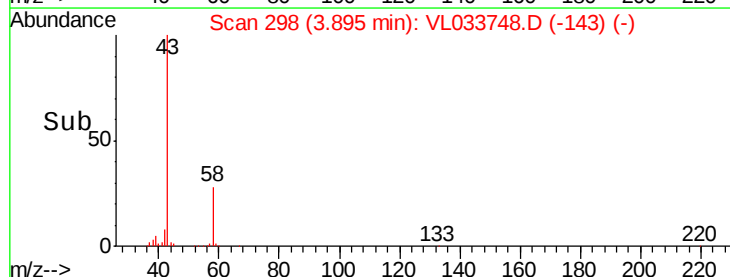
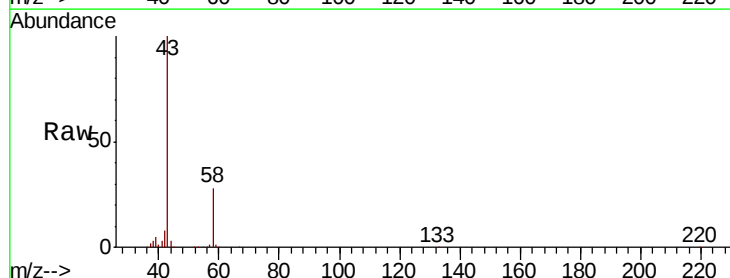
Acq: 22 May 2019 17:30

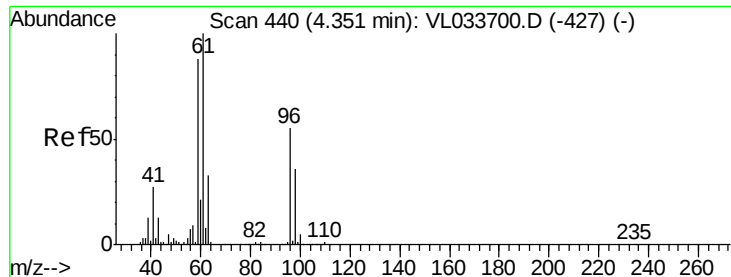
Tgt Ion: 43 Resp: 460569

Ion Ratio Lower Upper

43 100

58 30.0 21.3 31.9





#17

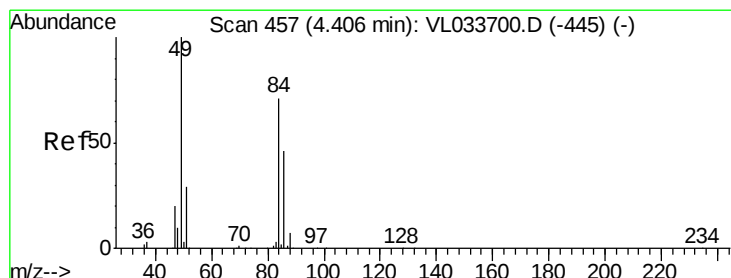
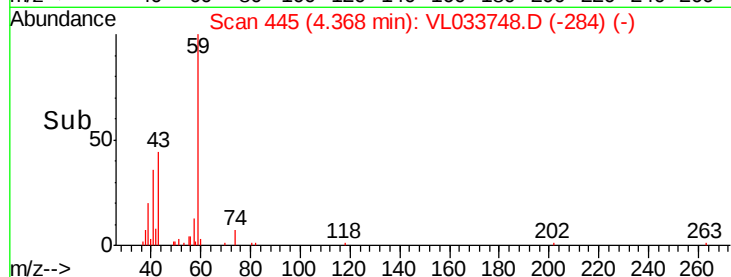
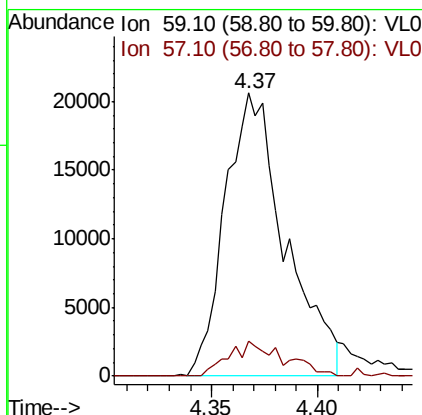
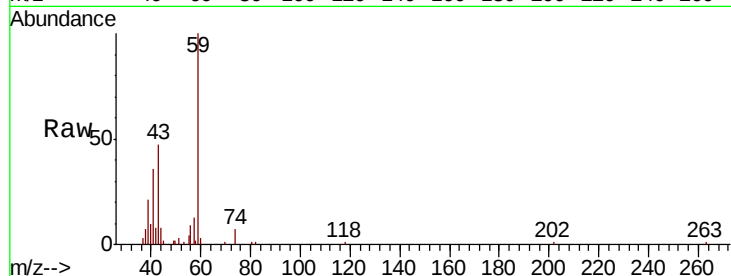
tert-Butyl alcohol
 Concen: 0.366 ppbv
 RT: 4.37 min Scan# 445
 Delta R.T. 0.02 min
 Lab File: VL033748.D
 Acq: 22 May 2019 17:30

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-ODA-3002-04DL

Tot Ion	59	Resp	40981
Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.4	12.6

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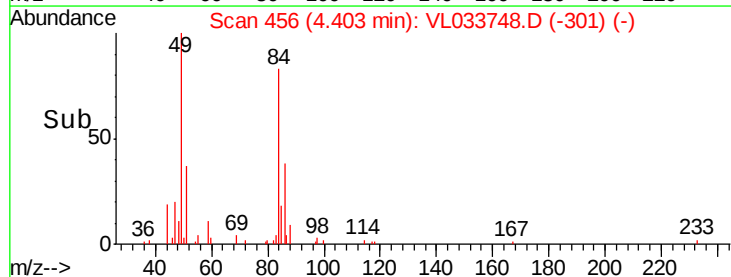
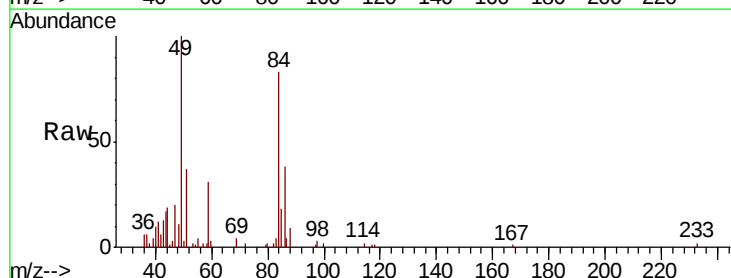
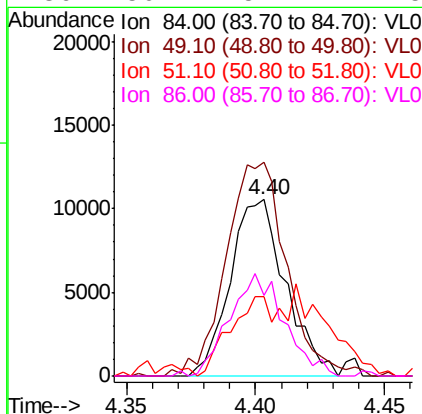
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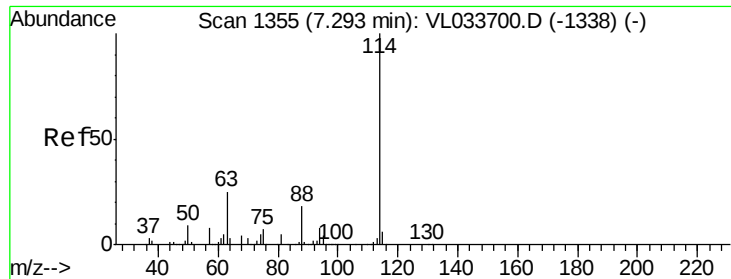


#20

Methylene Chloride
 Concen: 0.297 ppbv
 RT: 4.40 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: VL033748.D
 Acq: 22 May 2019 17:30

Tgt Ion	84	Resp	15860
Ion	Ratio	Lower	Upper
84	100		
49	116.3	112.8	169.2
51	40.5	33.4	50.0
86	50.4	51.7	77.5





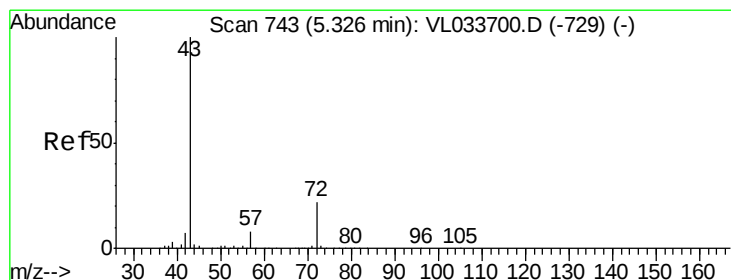
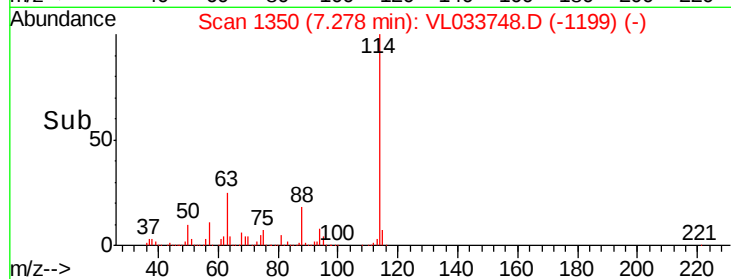
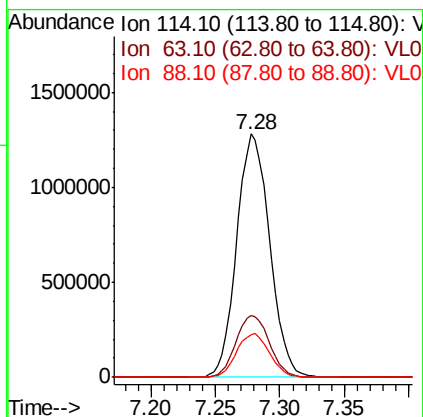
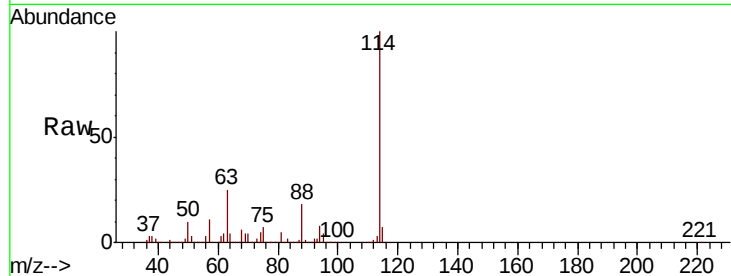
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1350
 Delta R.T. -0.02 min
 Lab File: VL033748.D
 Acq: 22 May 2019 17:30

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-ODA-3002-04DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.9	20.9	31.3
88	18.0	14.3	21.5

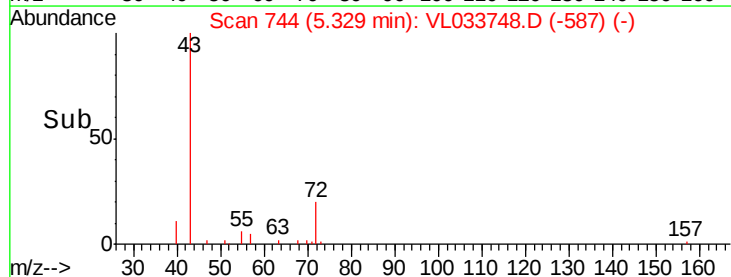
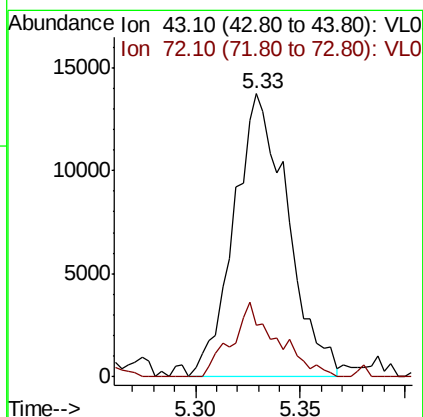
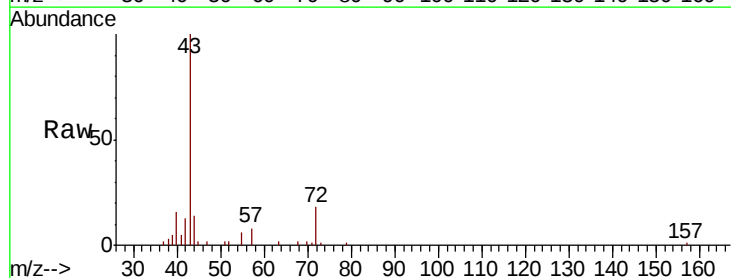
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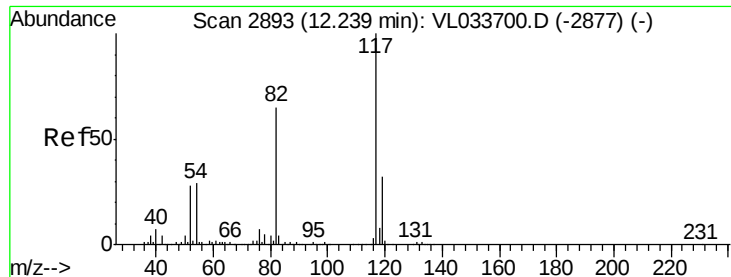
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#34
 2-Butanone
 Concen: 0.173 ppbv m
 RT: 5.33 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: VL033748.D
 Acq: 22 May 2019 17:30

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.8	17.8	26.6





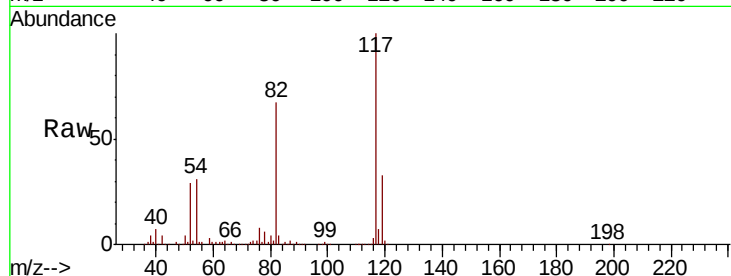
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2889
Delta R.T. -0.01 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Instrument :
MSVOA_L
ClientSampleId :
BPS1-ODA-3002-04DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	67.5	49.4	74.0
119	32.6	24.9	37.3

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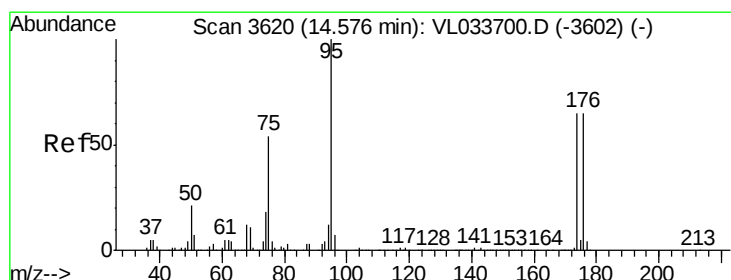
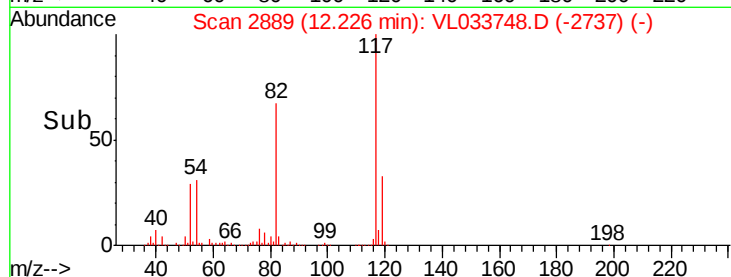
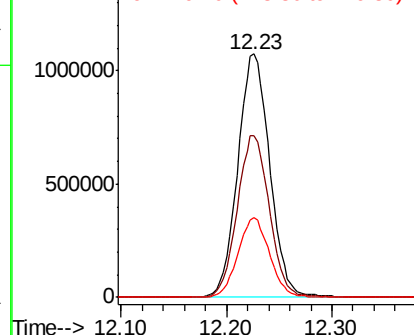


Abundance

Ion 117.10 (116.80 to 117.80): V

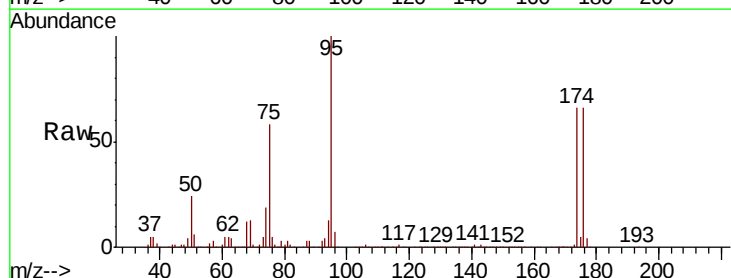
Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.813 ppbv
RT: 14.56 min Scan# 3616
Delta R.T. -0.01 min
Lab File: VL033748.D
Acq: 22 May 2019 17:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	66.5	53.9	80.9
175	4.8	3.8	5.8



Abundance

Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

