

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052819\
 Data File : VL033822.D
 Acq On : 29 May 2019 3:49
 Operator : SY/AP
 Sample : K2960-04 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3009-55

Manual Integrations
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Quant Time: May 29 06:58:22 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	962056	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	2495037	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2172201	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1872885	10.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.66	45	8922m	0.589	ppbv	
15) Acetone	3.91	43	54581	0.409	ppbv	94
20) Methylene Chloride	4.40	84	8475m	0.165	ppbv	

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

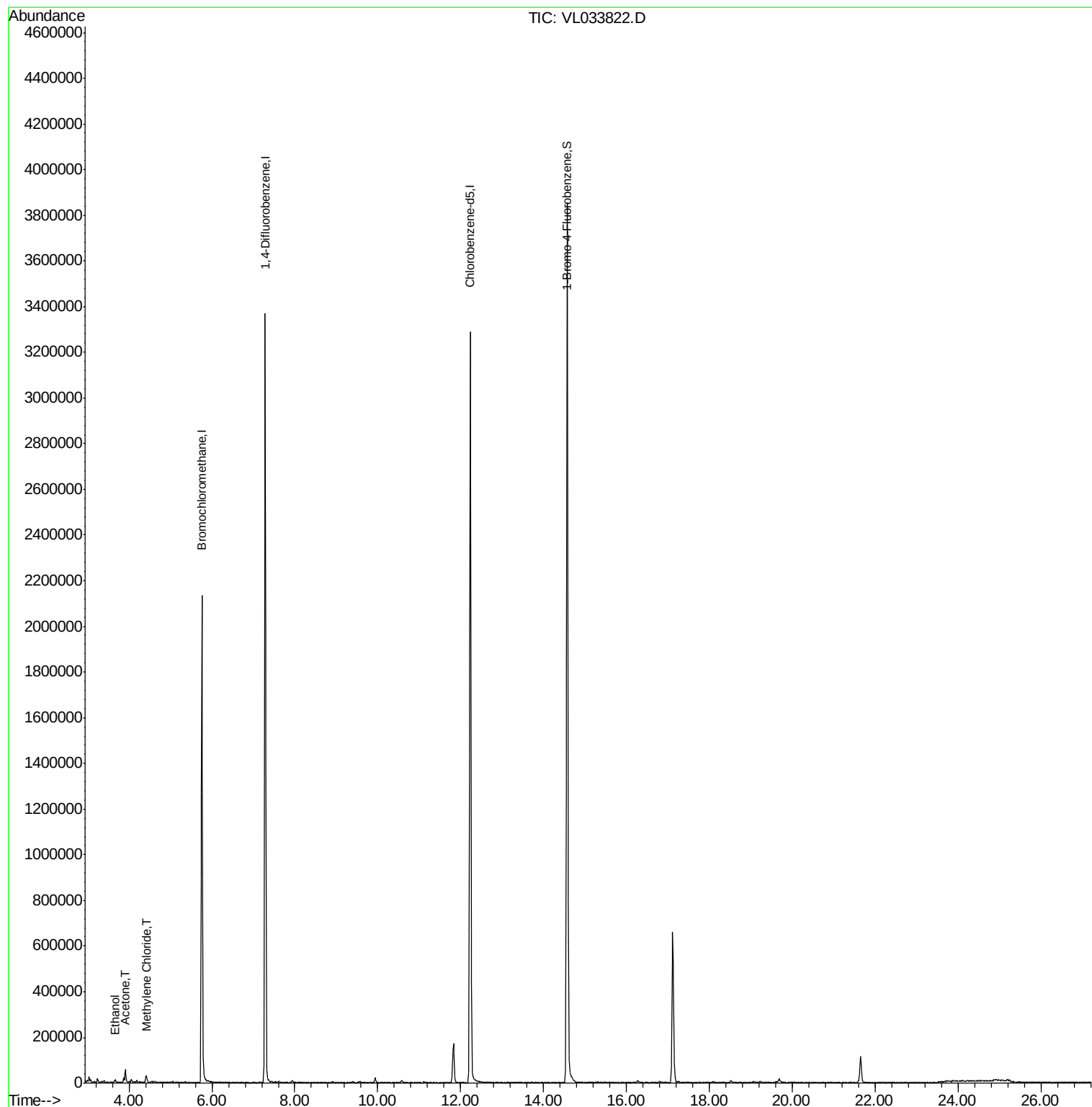
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052819\
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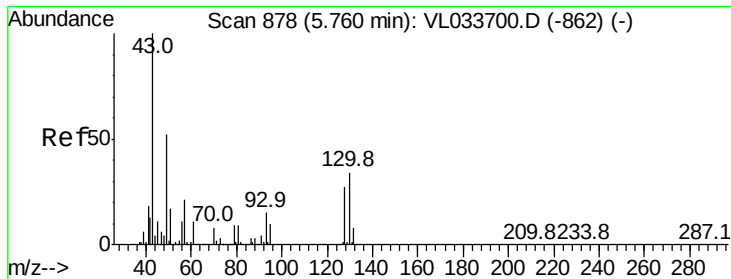
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri May
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.75 min Scan# 876

Delta R.T. -0.01 min

Lab File: VL033822.D

Acq: 29 May 2019 3:49

Instrument :

MSVOA_L

ClientSampleId :

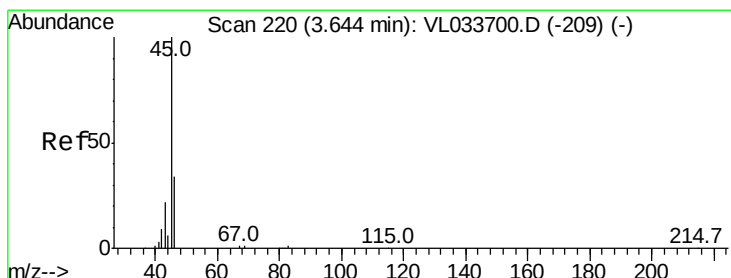
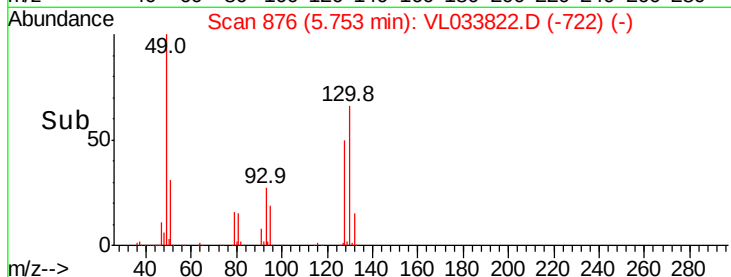
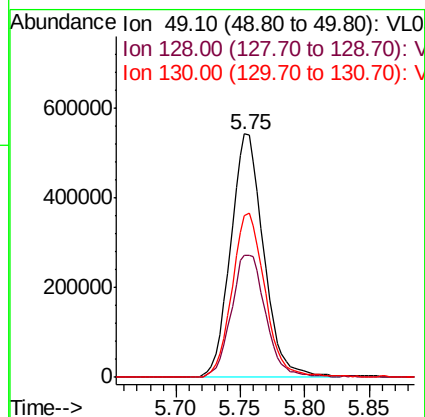
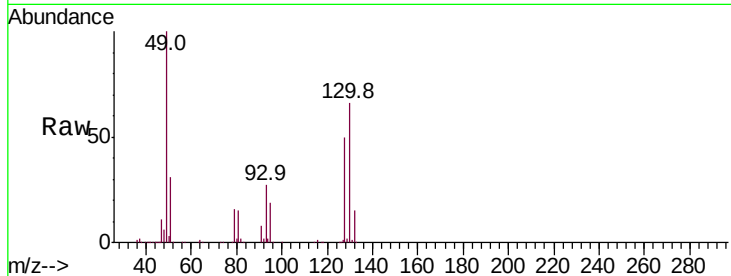
BPS1-SG-3009-55

Tot Ion:	49	Resp:	962056
Ion Ratio	Lower	Upper	
49	100		
128	52.9	25.2	75.6
130	67.9	32.5	97.5

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#13

Ethanol

Concen: 0.589 ppbv m

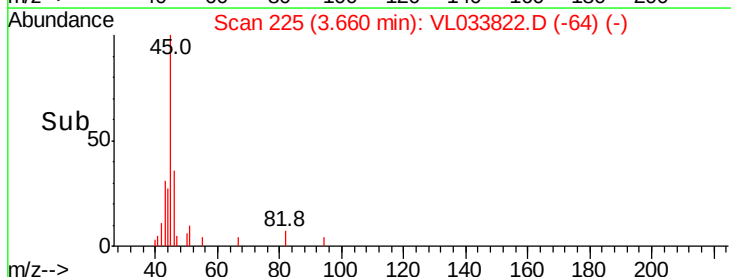
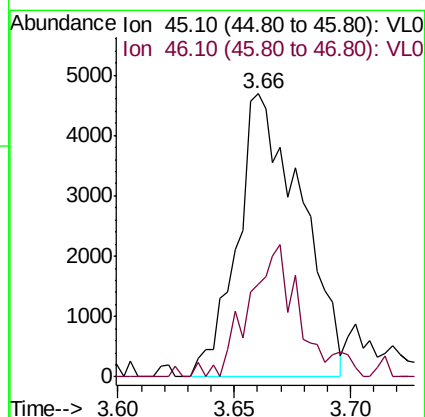
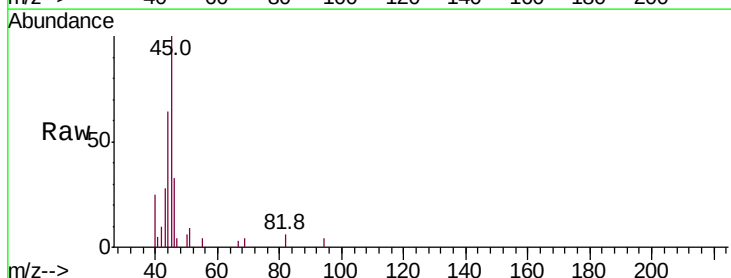
RT: 3.66 min Scan# 225

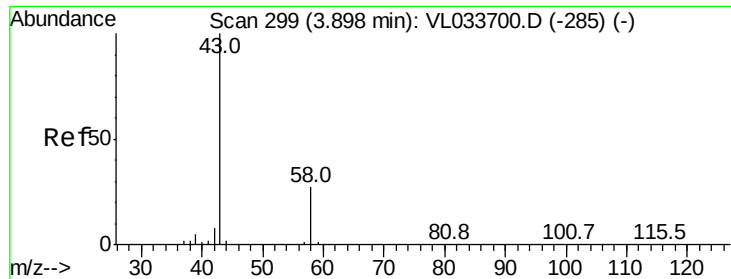
Delta R.T. 0.02 min

Lab File: VL033822.D

Acq: 29 May 2019 3:49

Tgt Ion:	45	Resp:	8922
Ion Ratio	Lower	Upper	
45	100		
46	0.0	14.8	59.0#





#15

Acetone

Concen: 0.409 ppbv

RT: 3.91 min Scan# 302

Delta R.T. 0.01 min

Lab File: VL033822.D

Acq: 29 May 2019 3:49

Instrument :

MSVOA_L

ClientSampleId :

BPS1-SG-3009-55

Tot Ion: 43 Resp: 54581

Ion Ratio Lower Upper

43 100

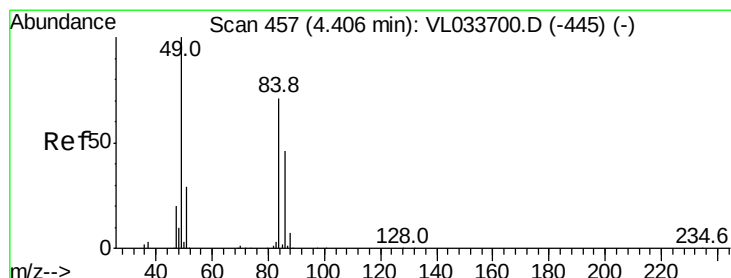
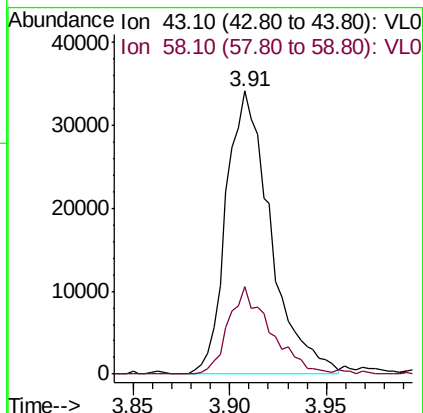
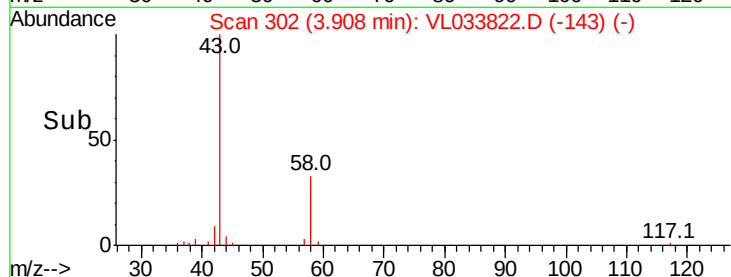
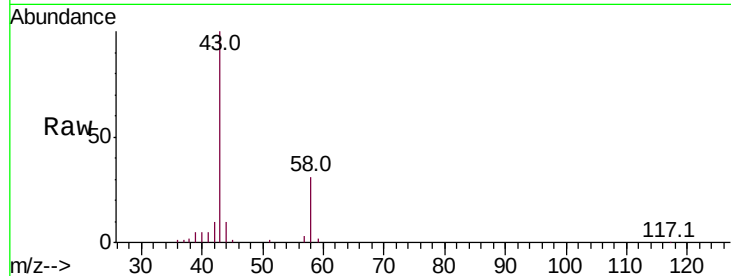
58 29.7 21.3 31.9

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#20

Methylene Chloride

Concen: 0.165 ppbv m

RT: 4.40 min Scan# 456

Delta R.T. -0.00 min

Lab File: VL033822.D

Acq: 29 May 2019 3:49

Tgt Ion: 84 Resp: 8475

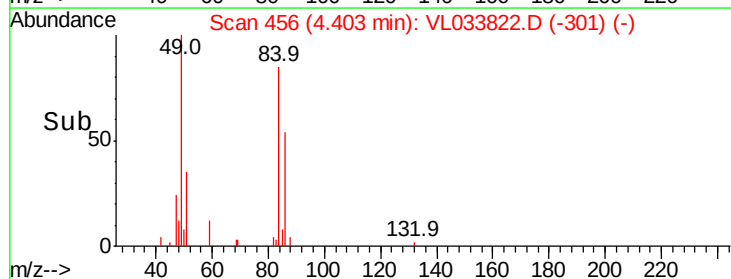
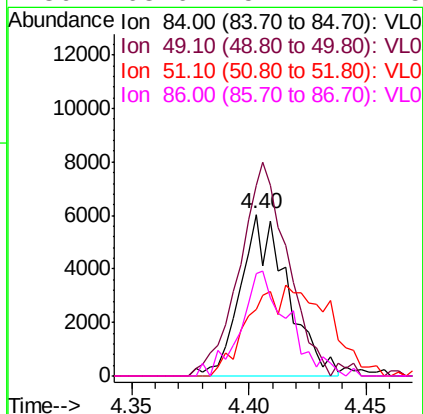
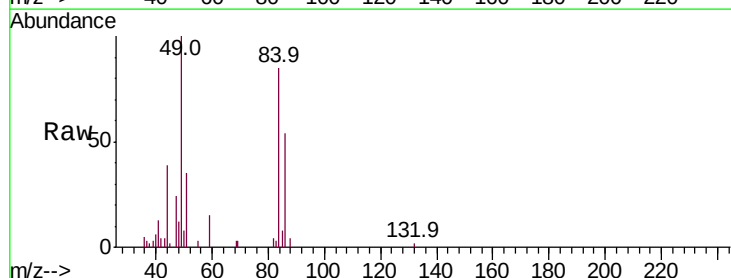
Ion Ratio Lower Upper

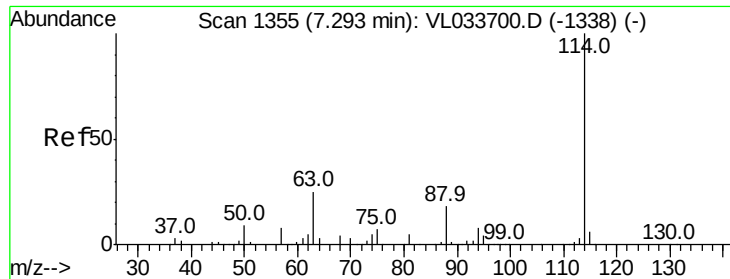
84 100

49 117.9 112.8 169.2

51 41.2 33.4 50.0

86 63.6 51.7 77.5





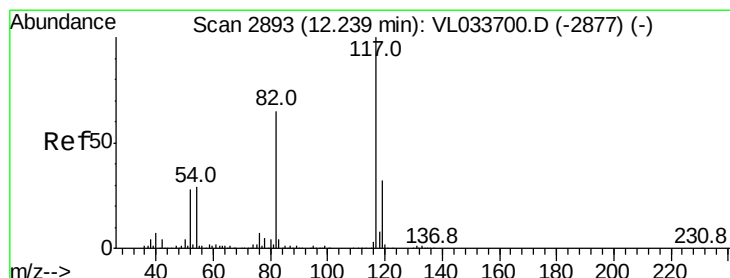
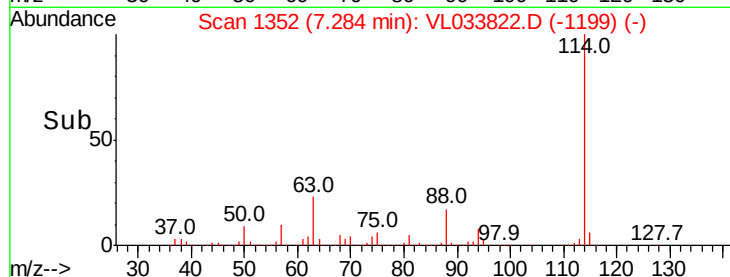
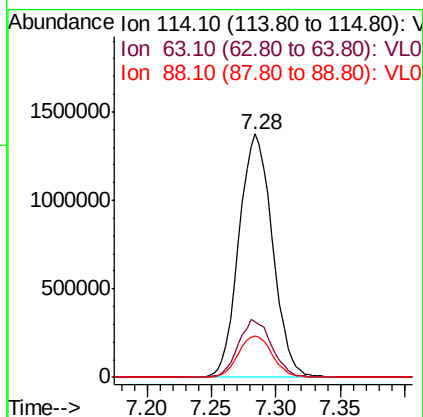
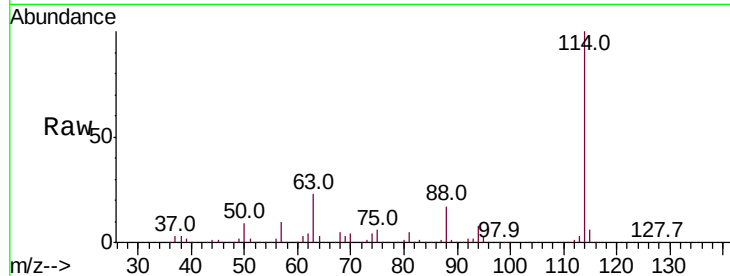
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.28 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: VL033822.D
 Acq: 29 May 2019 3:49

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3009-55

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.7	20.9	31.3
88	17.2	14.3	21.5

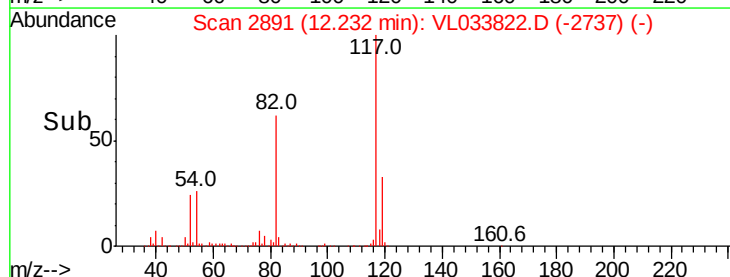
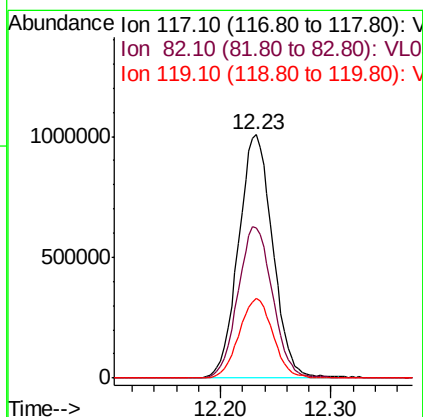
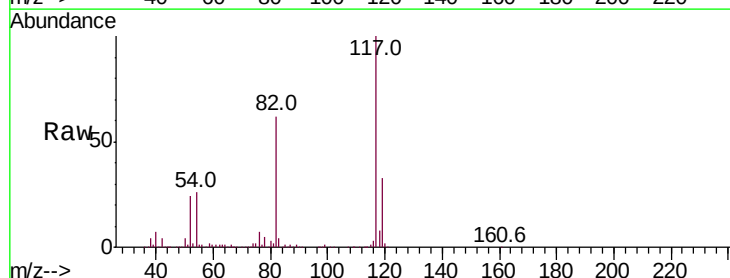
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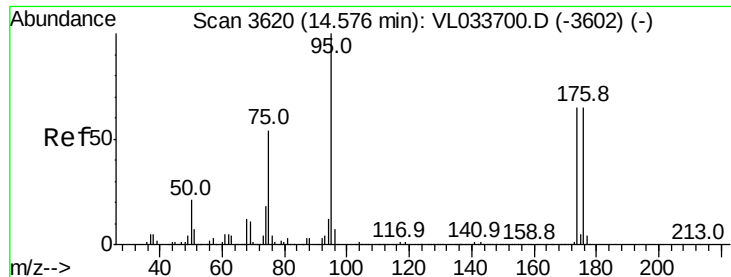
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.23 min Scan# 2891
 Delta R.T. -0.01 min
 Lab File: VL033822.D
 Acq: 29 May 2019 3:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	63.4	49.4	74.0
119	32.6	24.9	37.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.636 ppbv
 RT: 14.57 min Scan# 3617
 Delta R.T. -0.01 min
 Lab File: VL033822.D
 Acq: 29 May 2019 3:49

Instrument :
 MSVOA_L
 ClientSampleId :
 BPS1-SG-3009-55

Tot Ion: 95 Resp: 1872885
 Ion Ratio Lower Upper
 95 100
 174 69.4 53.9 80.9
 175 5.1 3.8 5.8

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