

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062619\
 Data File : VL033983.D
 Acq On : 27 Jun 2019 1:15
 Operator : SY/AP
 Sample : QC062019 CAN 10488
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062019 CAN 10488

Manual Integrations
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Quant Time: Jun 27 07:14:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.73	49	709059	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.26	114	1642550	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	1540271	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.55	95	1322766	10.46	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.39	84	4410m	0.109	ppbv	

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

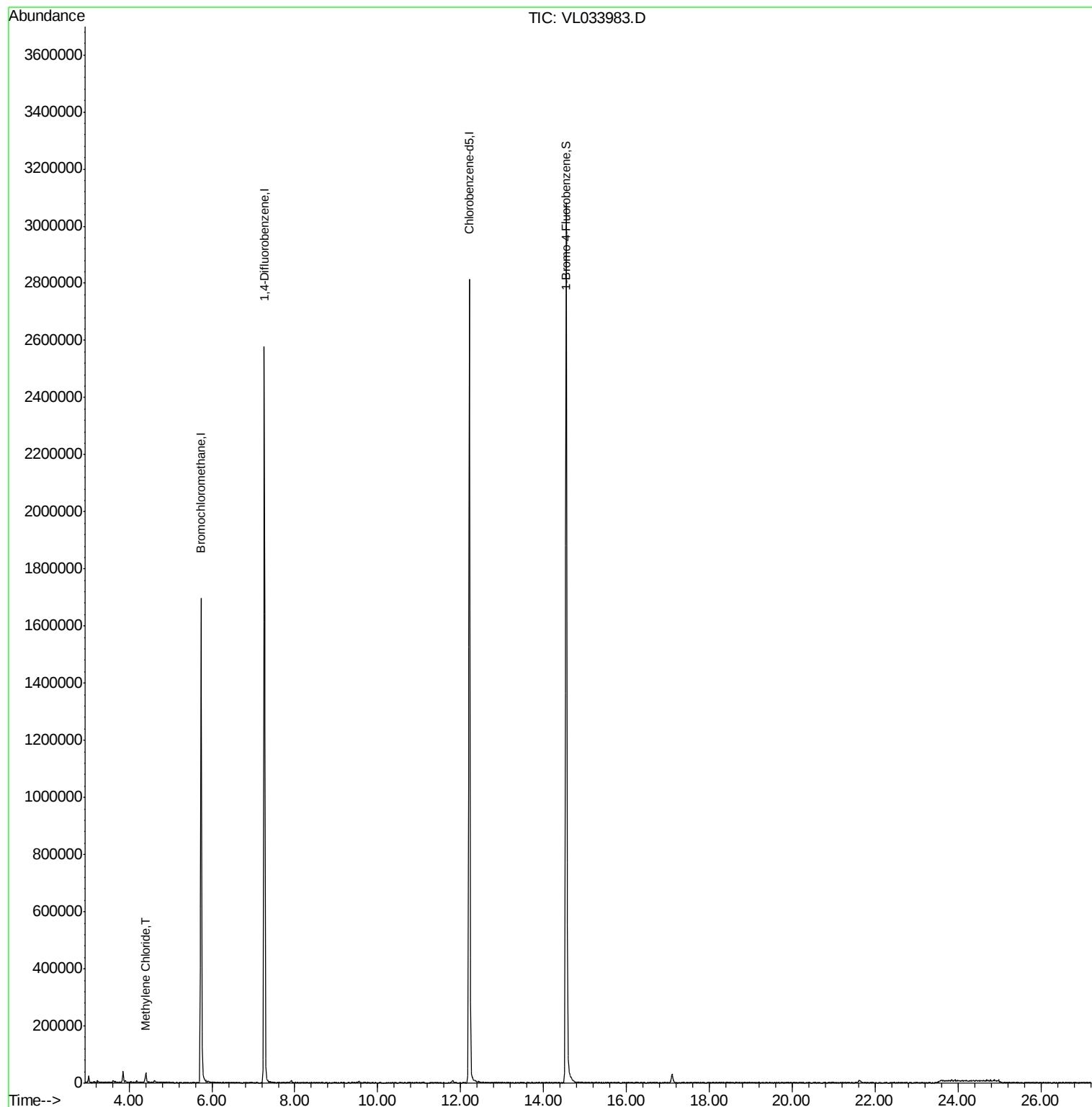
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL062619\
Data File : VL033983.D
Acq On : 27 Jun 2019 1:15
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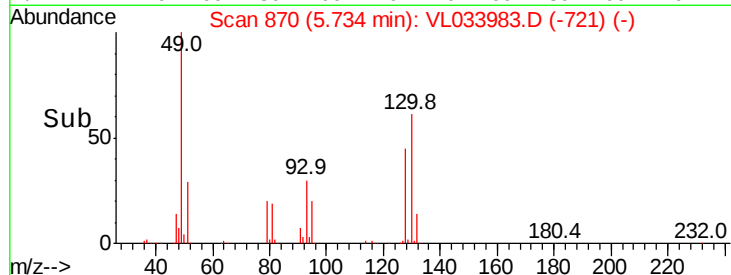
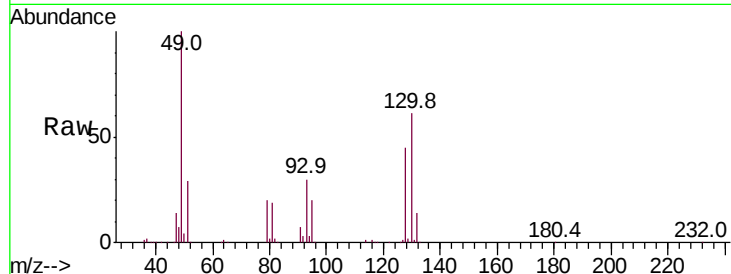
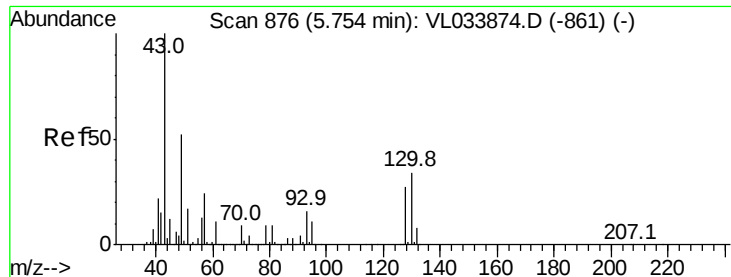
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
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QLast Update : Fri Jun 07 08:53:27 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.73 min Scan# 870

Delta R.T. -0.02 min

Lab File: VL033983.D

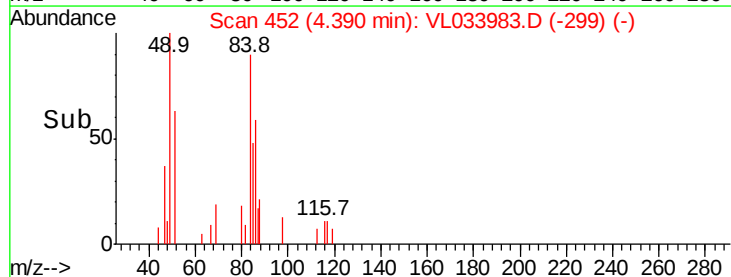
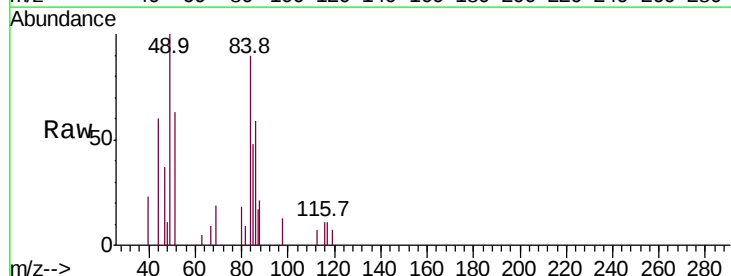
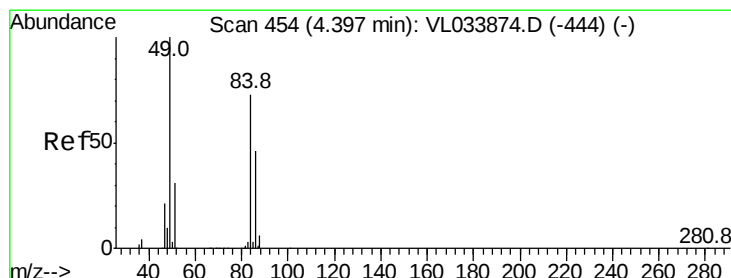
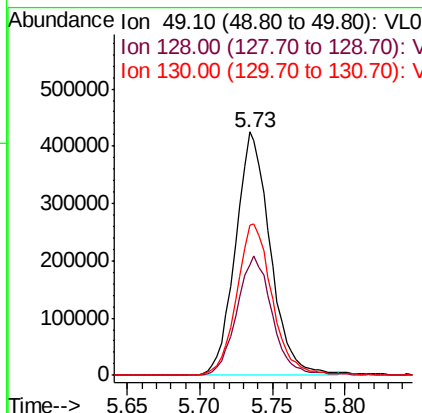
Acq: 27 Jun 2019 1:15

Tot Ion:	49	Resp:	709059
Ion Ratio	Lower	Upper	
49	100		
128	50.0	25.5	76.5
130	64.1	32.5	97.4

Instrument :
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#20

Methylene Chloride

Concen: 0.109 ppbv m

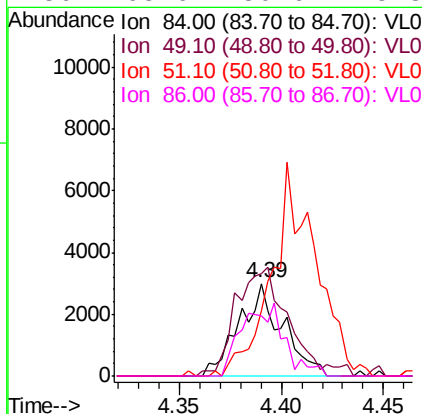
RT: 4.39 min Scan# 452

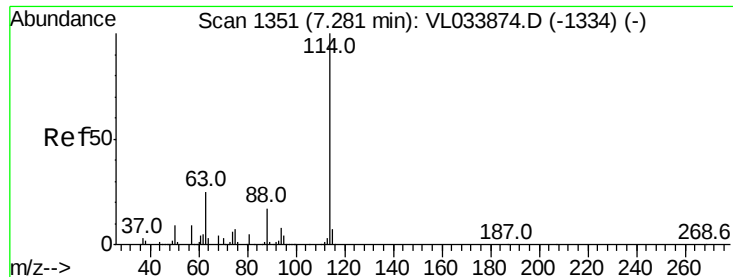
Delta R.T. -0.01 min

Lab File: VL033983.D

Acq: 27 Jun 2019 1:15

Tgt Ion:	84	Resp:	4410
Ion Ratio	Lower	Upper	
84	100		
49	111.3	110.0	165.0
51	70.1	34.6	51.8#
86	65.6	50.6	75.8





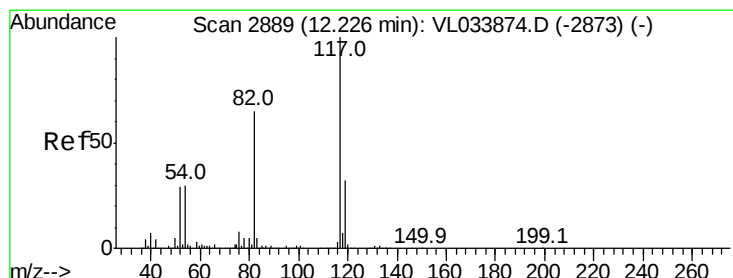
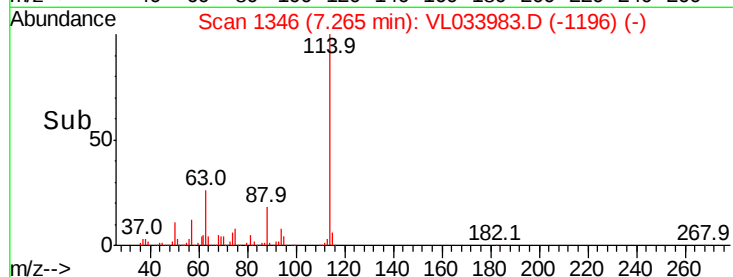
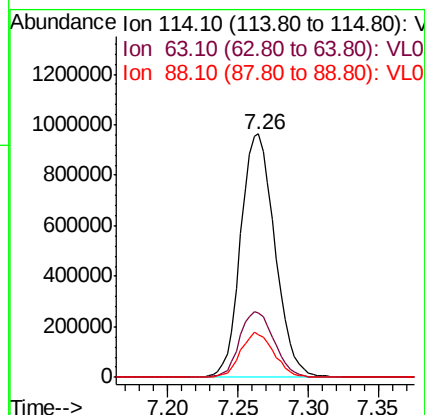
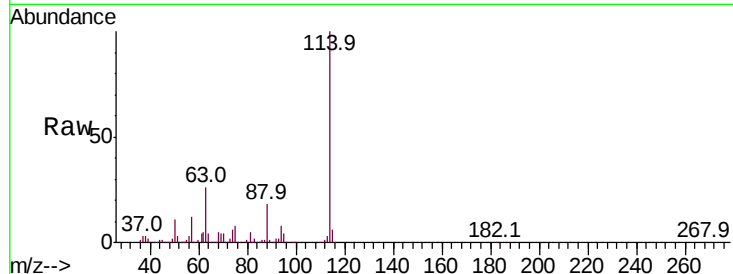
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.26 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: VL033983.D
 Acq: 27 Jun 2019 1:15

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062019 CAN 10488

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.3	21.1	31.7
88	18.0	14.2	21.4

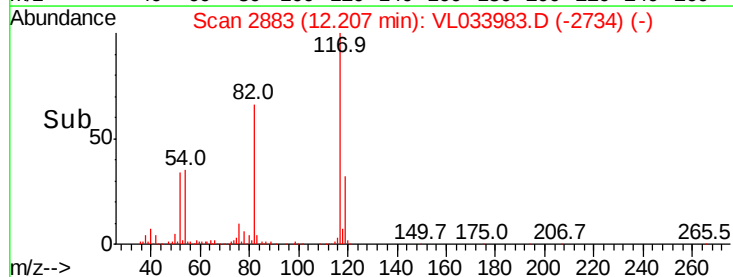
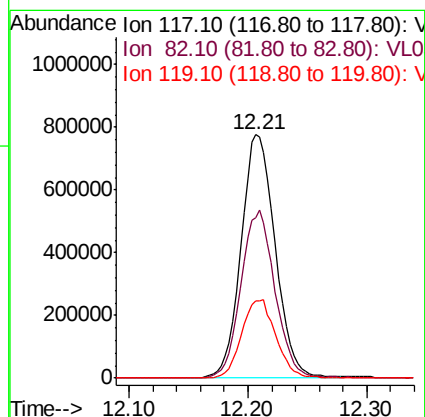
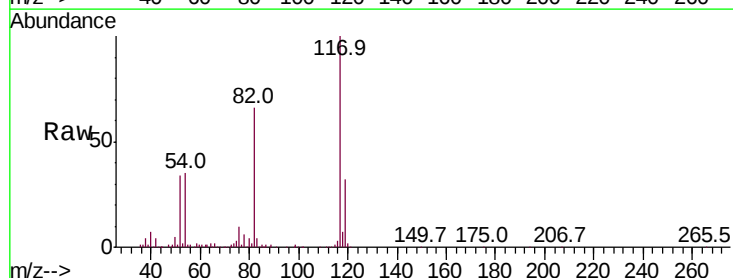
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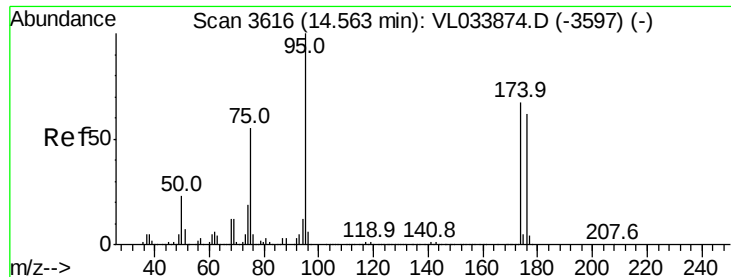
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#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.21 min Scan# 2883
 Delta R.T. -0.02 min
 Lab File: VL033983.D
 Acq: 27 Jun 2019 1:15

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.1	50.2	75.2
119	32.6	24.8	37.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.455 ppbv
 RT: 14.55 min Scan# 3611
 Delta R.T. -0.02 min
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Tot Ion: 95 Resp: 1322766
 Ion Ratio Lower Upper
 95 100
 174 65.3 54.0 81.0
 175 4.6 3.8 5.8

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