

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
 Data File : VL036244.D
 Acq On : 20 Jan 2021 12:21
 Operator : SY/AP
 Sample : VL0120ABL01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0120ABL01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2021 10:35:55 AM

Quant Time: Jan 21 01:34:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.677	49	1456456	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.182	114	3102175	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.098	117	2762620	10.00	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.426	95	2341139	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%
Target Compounds						
15) Acetone	3.880	43	44592m	0.25	ppbv	Qvalue
20) Methylene Chloride	4.346	84	18475m	0.32	ppbv	

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

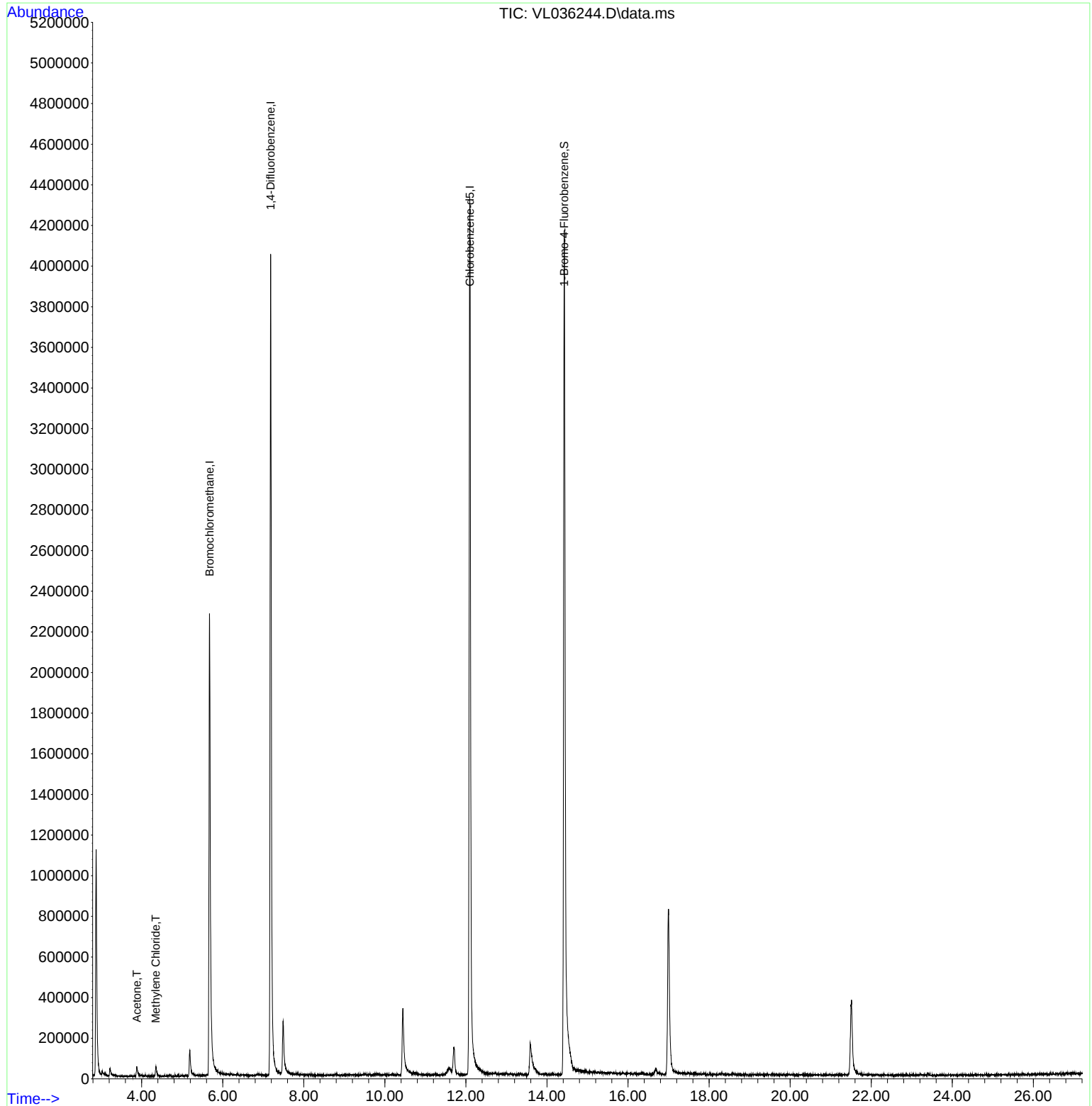
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012021\
Data File : VL036244.D
Acq On : 20 Jan 2021 12:21
Operator : SY/AP
Sample : VL0120ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

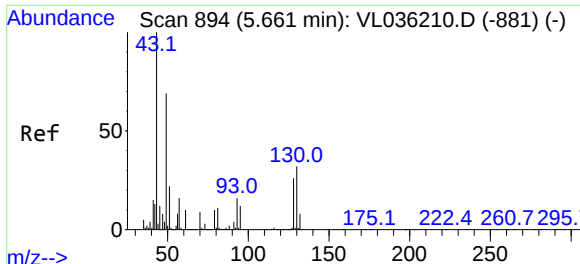
Instrument :
MSVOA_L
ClientSampleId :
VL0120ABL01

Manual Integrations
APPROVED

MMDadoda
1/21/2021 10:35:55 AM

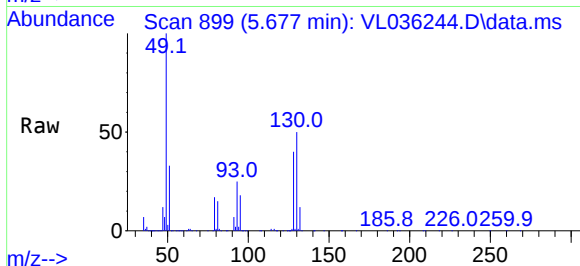
Quant Time: Jan 21 01:34:07 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL011321AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.016 min
Lab File: VL036244.D
Acq: 20 Jan 2021 12:21

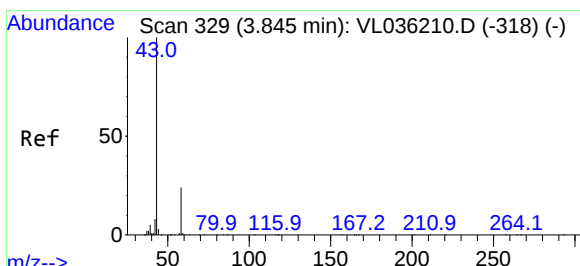
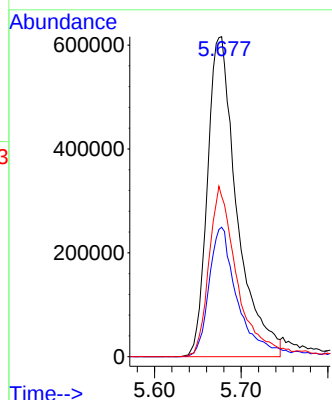
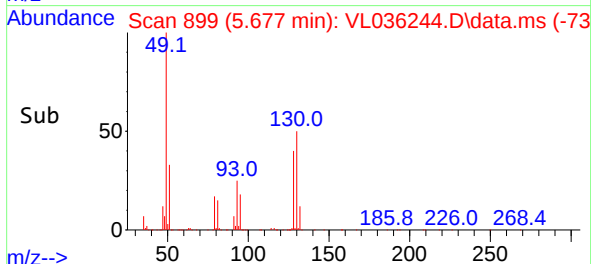
Instrument :
MSVOA_L
ClientSampleId :
VL0120ABL01



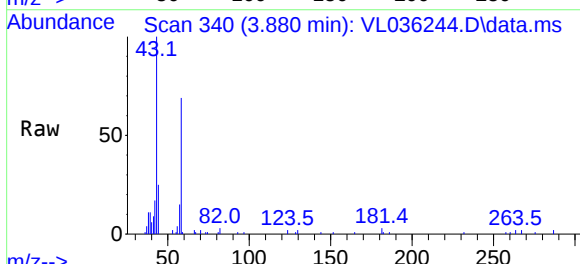
Tgt Ion: 49 Resp: 1456456
Ion Ratio Lower Upper
49 100
128 41.2 20.1 60.2
130 53.5 25.3 75.9

Manual Integrations
APPROVED

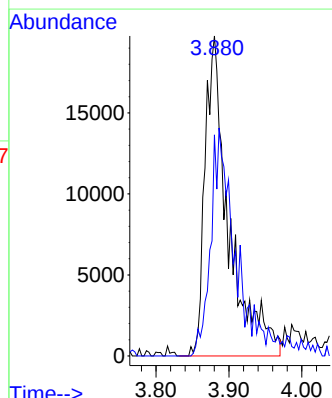
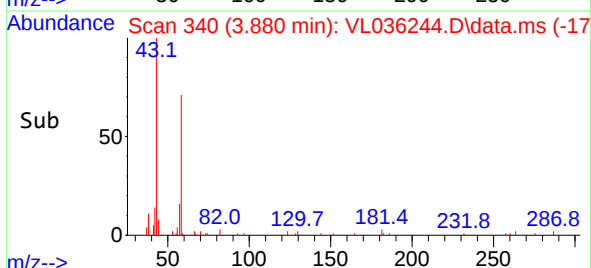
MMDadoda
1/21/2021 10:35:55 AM

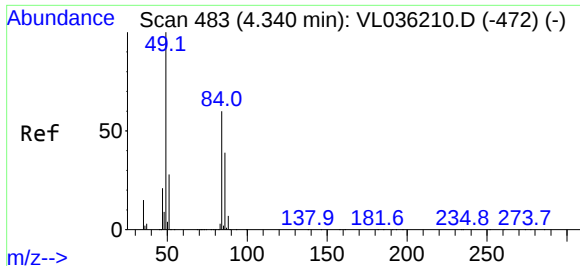


#15
Acetone
Concen: 0.25 ppbv m
RT: 3.880 min Scan# 340
Delta R.T. 0.035 min
Lab File: VL036244.D
Acq: 20 Jan 2021 12:21



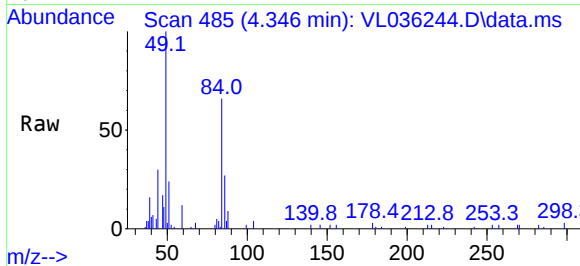
Tgt Ion: 43 Resp: 44592
Ion Ratio Lower Upper
43 100
58 73.7 20.9 31.3#





#20
Methylene Chloride
Concen: 0.32 ppbv m
RT: 4.346 min Scan# 485
Delta R.T. 0.006 min
Lab File: VL036244.D
Acq: 20 Jan 2021 12:21

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABL01

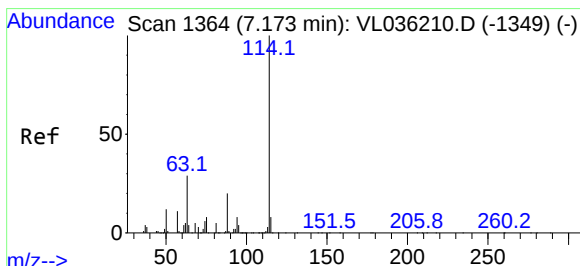
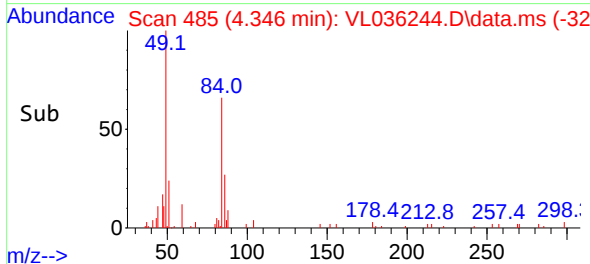
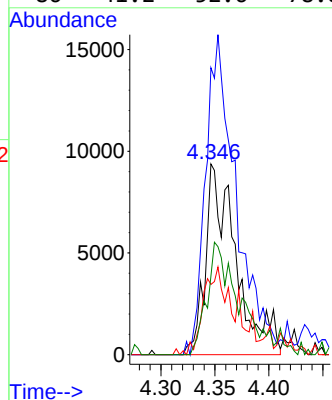


Tgt Ion: 84 Resp: 18475

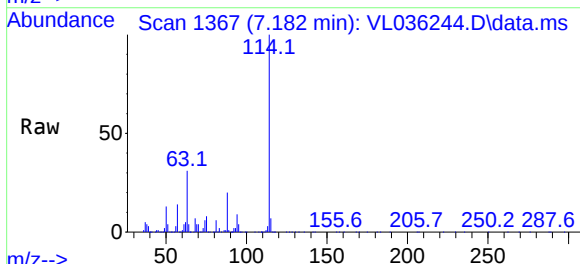
Ion	Ratio	Lower	Upper
84	100		
49	150.4	134.1	201.1
51	36.8	37.4	56.0#
86	41.2	52.6	78.8#

Manual Integrations
APPROVED

MMDadoda
1/21/2021 10:35:55 AM

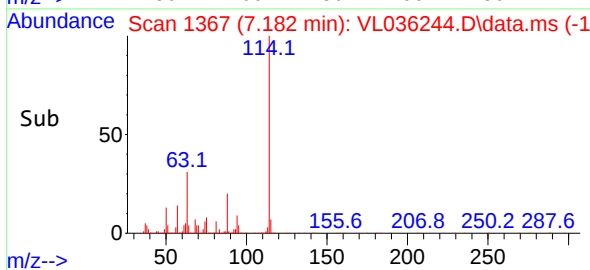
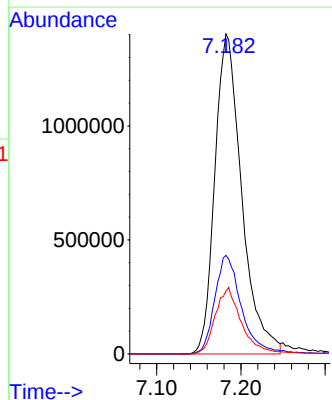


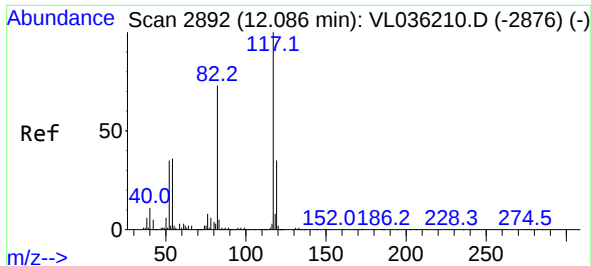
#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.182 min Scan# 1367
Delta R.T. 0.010 min
Lab File: VL036244.D
Acq: 20 Jan 2021 12:21



Tgt Ion: 114 Resp: 3102175

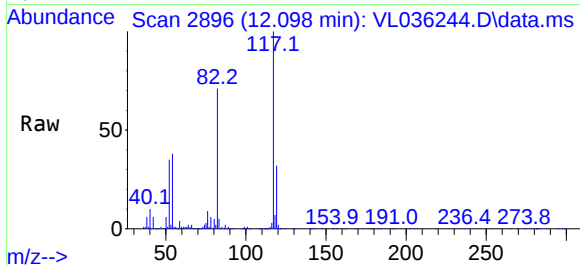
Ion	Ratio	Lower	Upper
114	100		
63	31.2	24.7	37.1
88	20.8	16.6	24.8





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.098 min Scan# 2896
Delta R.T. 0.013 min
Lab File: VL036244.D
Acq: 20 Jan 2021 12:21

Instrument :
MSVOA_L
ClientSampleId :
VL0120ABL01

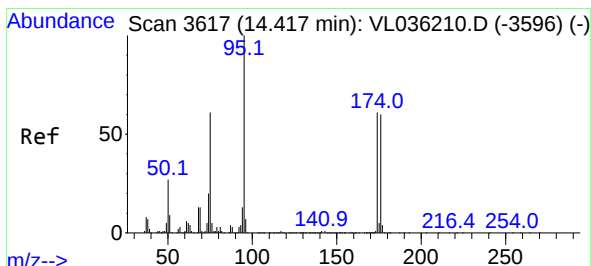
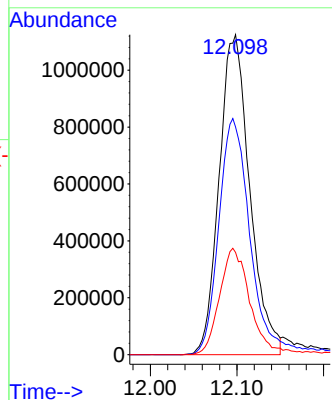
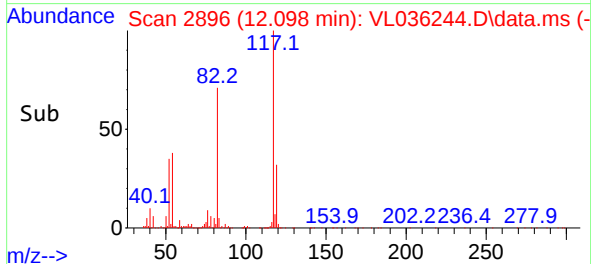


Tgt Ion: 117 Resp: 2762620

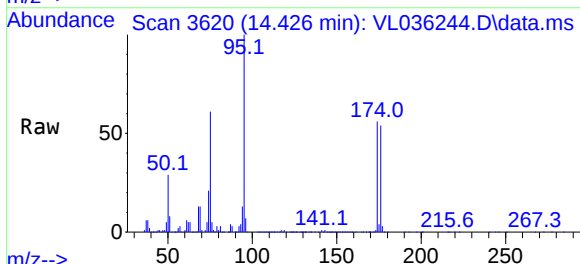
Ion	Ratio	Lower	Upper
117	100		
82	77.5	59.7	89.5
119	34.2	28.6	43.0

Manual Integrations
APPROVED

MMDadoda
1/21/2021 10:35:55 AM



#68
1-Bromo-4-Fluorobenzene
Concen: 10.24 ppbv
RT: 14.426 min Scan# 3620
Delta R.T. 0.010 min
Lab File: VL036244.D
Acq: 20 Jan 2021 12:21



Tgt Ion: 95 Resp: 2341139

Ion	Ratio	Lower	Upper
95	100		
174	62.2	49.4	74.0
175	4.7	3.8	5.8

