

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092921\
 Data File : VL037733.D
 Acq On : 29 Sep 2021 16:42
 Operator : SY/AP
 Sample : M3948-04DL2 200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4DL2

Quant Time: Sep 29 22:47:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

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

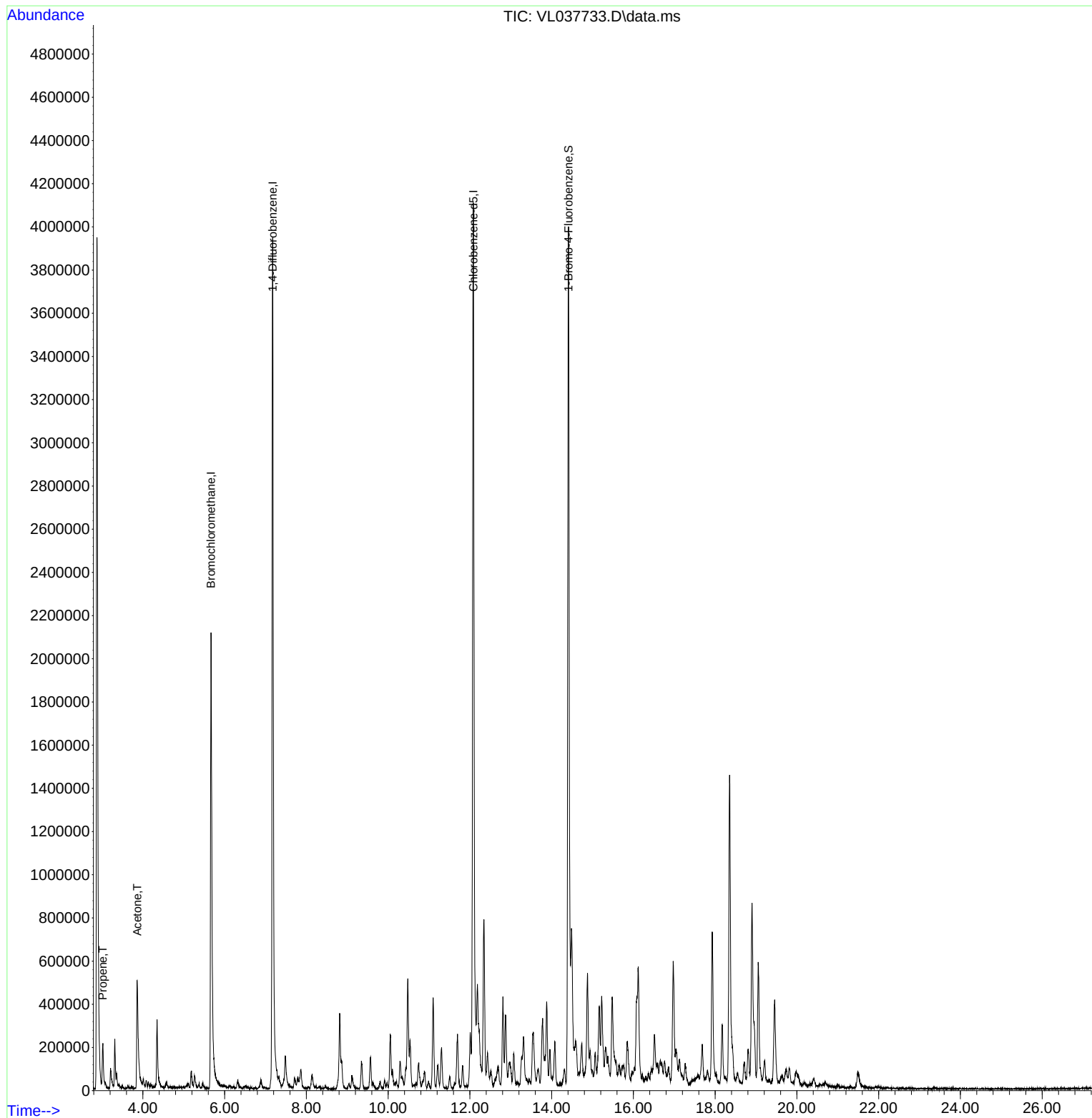
Internal Standards						
1) Bromochloromethane	5.668	49	1189078	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.176	114	3541290	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.085	117	3042144	10.00	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	2180828	9.92	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%
Target Compounds						
						Qvalue
9) Propene	3.018	41	100161	1.27	ppbv	94
15) Acetone	3.861	43	824594	6.67	ppbv	97

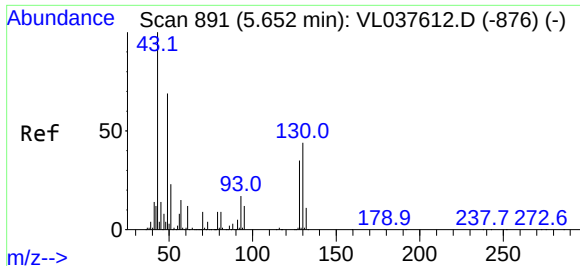
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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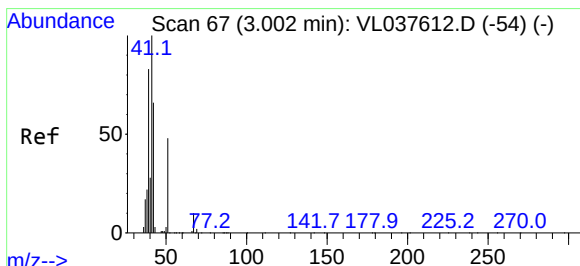
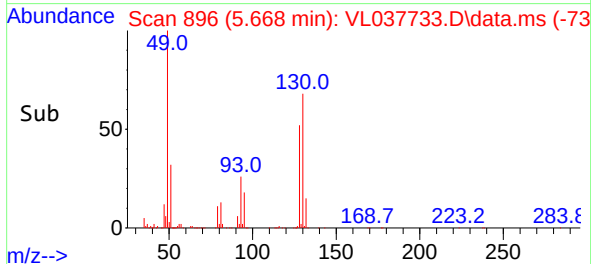
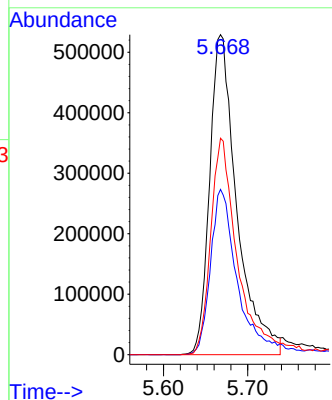
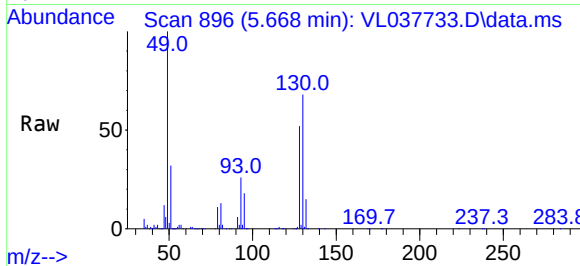




#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.668 min Scan# 896
Delta R.T. 0.016 min
Lab File: VL037733.D
Acq: 29 Sep 2021 16:42

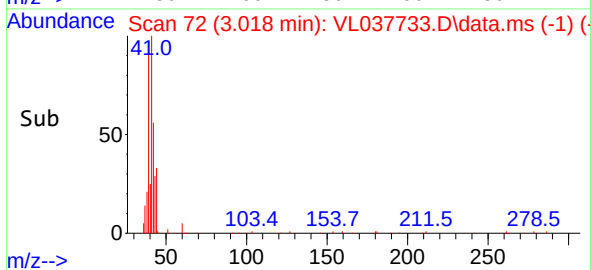
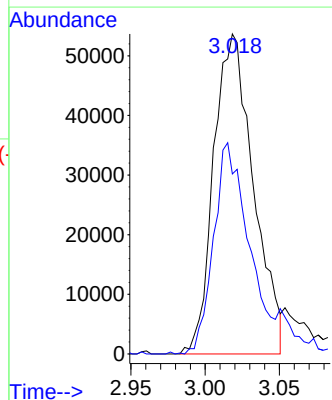
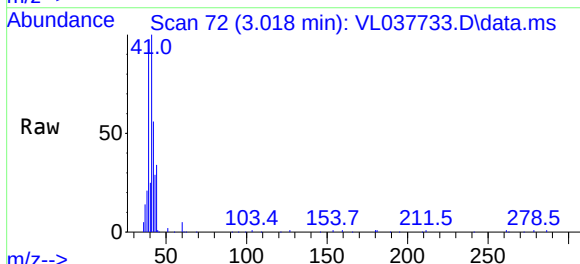
Instrument :
MSVOA_L
ClientSampleId :
SV4DL2

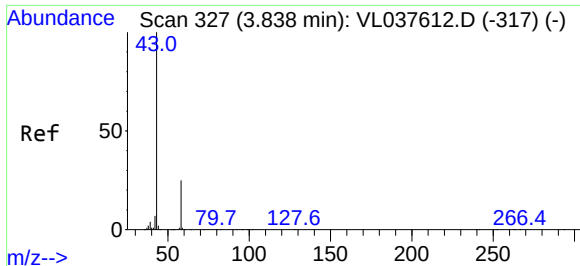
Tgt Ion: 49 Resp: 1189078
Ion Ratio Lower Upper
49 100
128 52.0 27.9 83.6
130 70.6 33.9 101.7



#9
Propene
Concen: 1.27 ppbv
RT: 3.018 min Scan# 72
Delta R.T. 0.016 min
Lab File: VL037733.D
Acq: 29 Sep 2021 16:42

Tgt Ion: 41 Resp: 100161
Ion Ratio Lower Upper
41 100
42 66.2 57.2 85.8

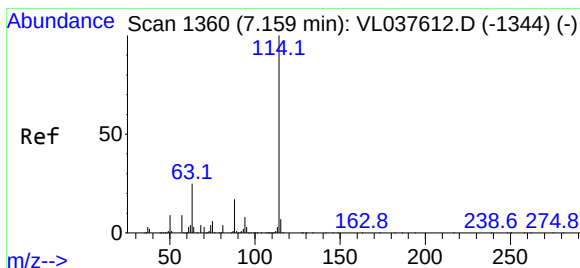
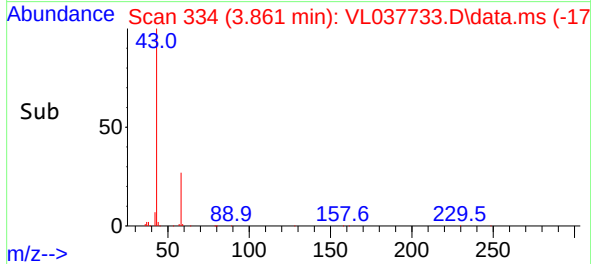
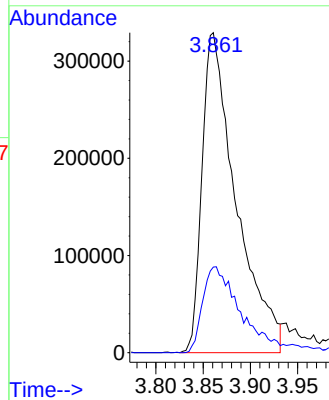
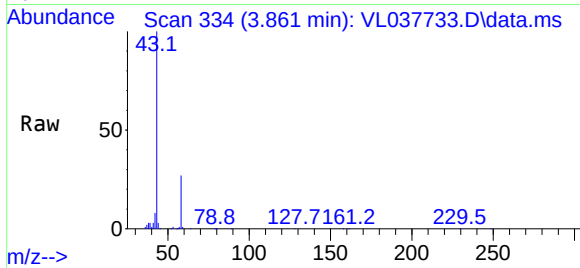




#15
Acetone
Concen: 6.67 ppbv
RT: 3.861 min Scan# 334
Delta R.T. 0.023 min
Lab File: VL037733.D
Acq: 29 Sep 2021 16:42

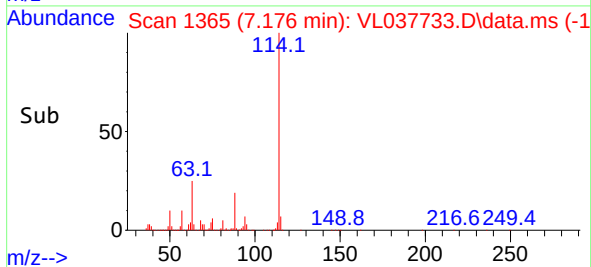
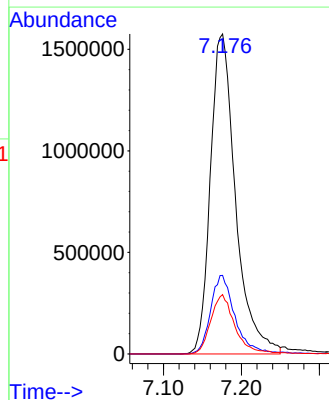
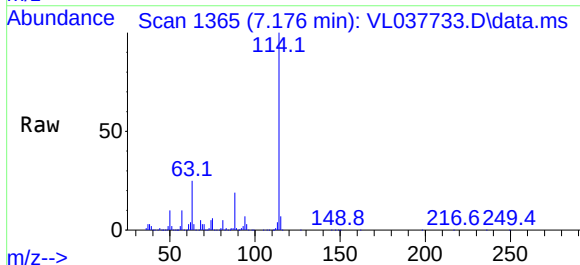
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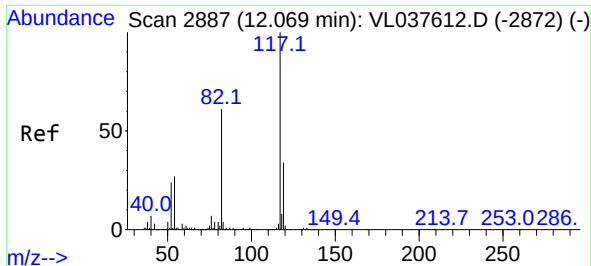
Tgt Ion: 43 Resp: 824594
Ion Ratio Lower Upper
43 100
58 32.6 24.9 37.3



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.176 min Scan# 1365
Delta R.T. 0.016 min
Lab File: VL037733.D
Acq: 29 Sep 2021 16:42

Tgt Ion: 114 Resp: 3541290
Ion Ratio Lower Upper
114 100
63 24.2 19.6 29.4
88 18.0 14.2 21.4

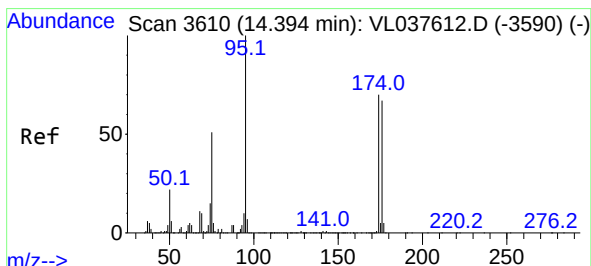
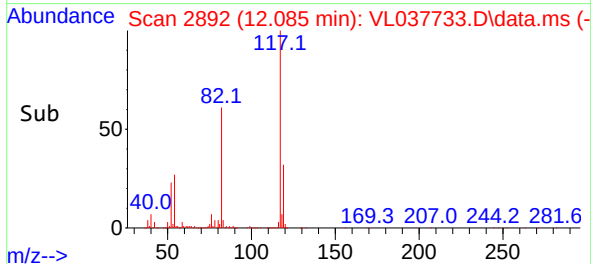
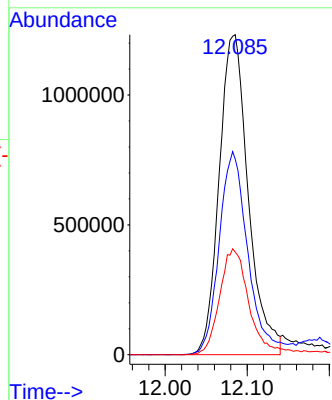
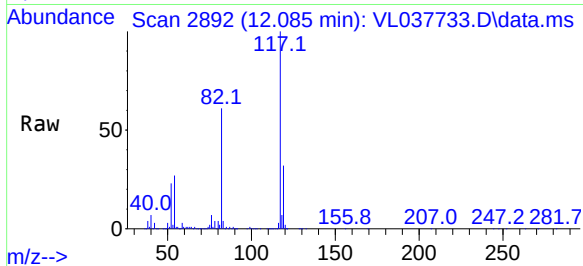




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.085 min Scan# 2892
Delta R.T. 0.016 min
Lab File: VL037733.D
Acq: 29 Sep 2021 16:42

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Tgt Ion:117 Resp: 3042144
Ion Ratio Lower Upper
117 100
82 62.7 50.6 75.8
119 33.5 26.2 39.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.92 ppbv
RT: 14.413 min Scan# 3616
Delta R.T. 0.019 min
Lab File: VL037733.D
Acq: 29 Sep 2021 16:42

Tgt Ion: 95 Resp: 2180828
Ion Ratio Lower Upper
95 100
174 77.9 56.3 84.5
175 6.1 4.4 6.6

