

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091019\
 Data File : VL034155.D
 Acq On : 10 Sep 2019 23:03
 Operator : SY/AP
 Sample : K4775-02DL2 200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV5DL2

Manual Integrations
 APPROVED

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 9/12/2019 5:17:12 AM

Quant Time: Sep 11 04:19:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 0
 QLast Update : Thu Sep 05 10:21:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	652090	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.22	114	1224231	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.17	117	1224900	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.50	95	1031448	10.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	12125	0.298	ppbv	85
13) Ethanol	3.62	45	7316m	0.918	ppbv	
15) Acetone	3.85	43	497666	6.332	ppbv	99
17) tert-Butyl alcohol	4.34	59	6319m	0.111	ppbv	
19) Isopropyl Alcohol	4.00	45	11636	0.219	ppbv #	97
26) Hexane	5.73	57	12928m	0.169	ppbv	
34) 2-Butanone	5.28	43	40423m	0.343	ppbv	
52) Tetrachloroethene	11.30	164	3710m	0.075	ppbv	

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

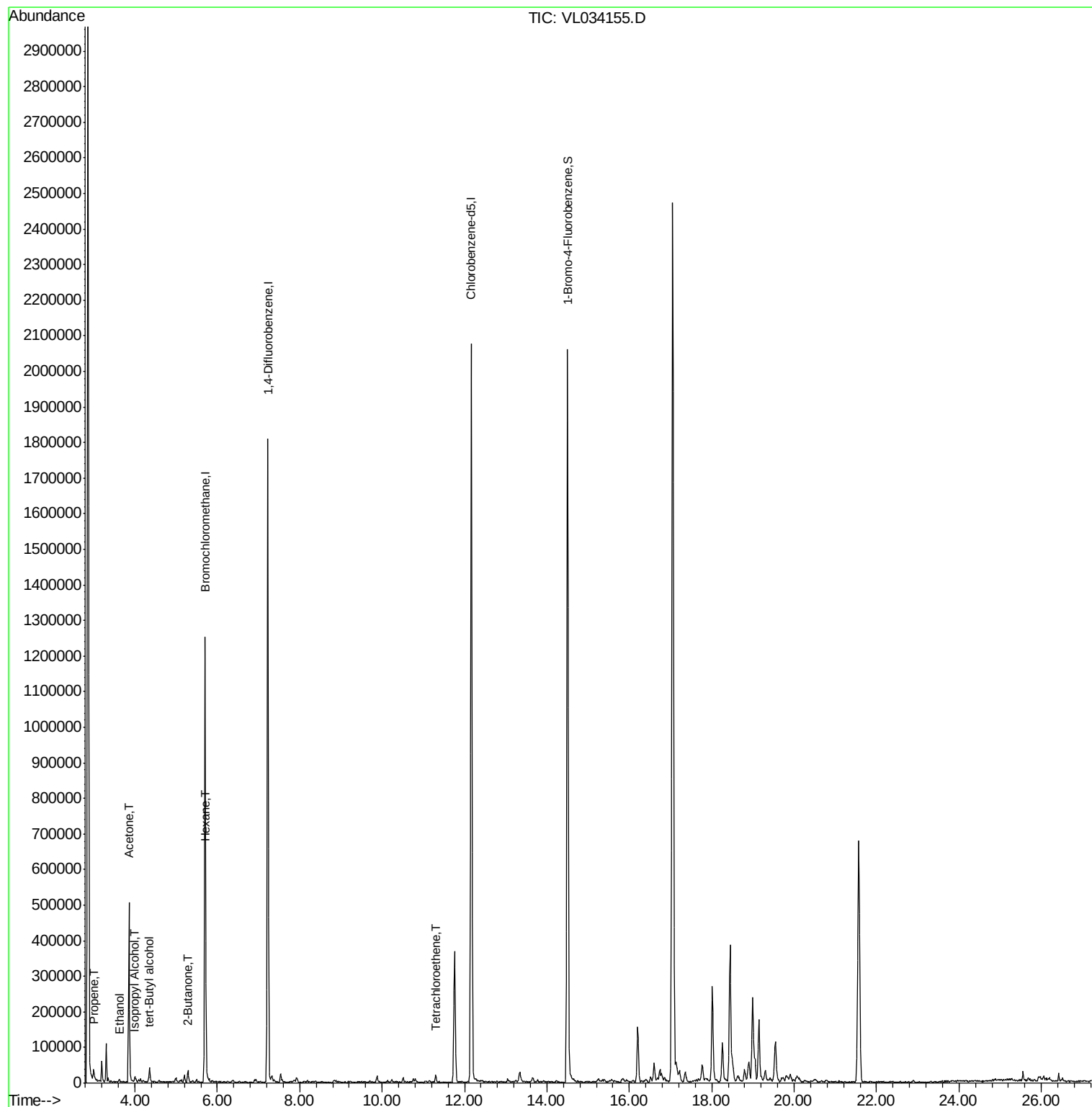
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091019\
Data File : VL034155.D
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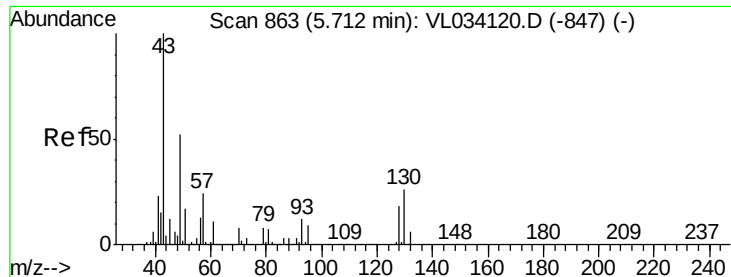
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
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QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 906

Delta R.T. -0.01 min

Lab File: VL034155.D

Acq: 10 Sep 2019 23:03

Instrument :

MSVOA_L

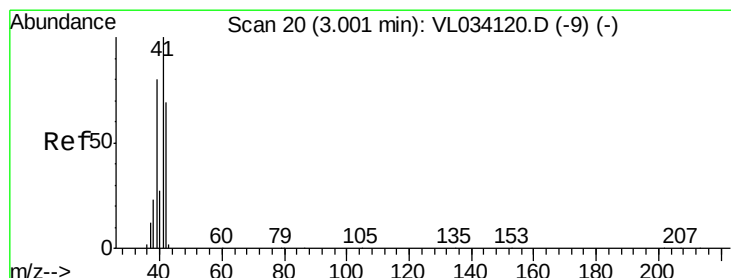
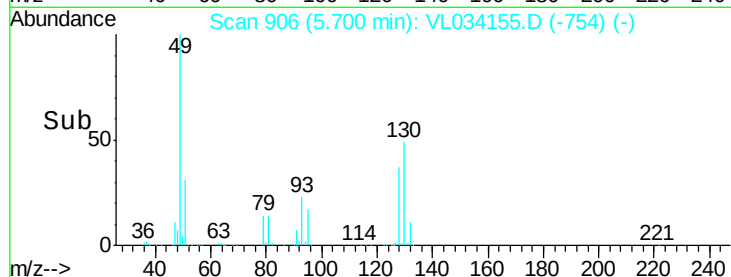
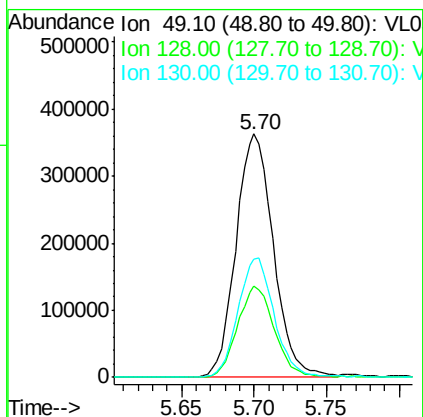
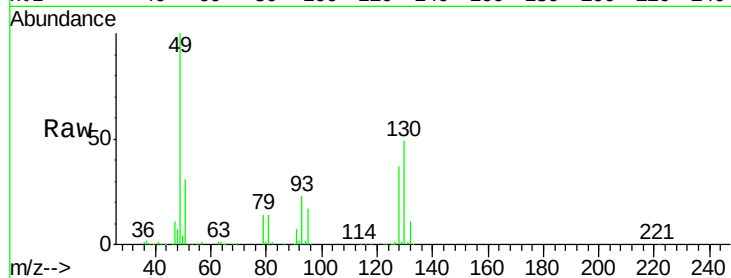
ClientSampled :

SV5DL2

Tot Ion	Ratio	Lower	Upper
49	100		
128	37.0	18.4	55.0
130	47.9	23.5	70.6

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#9

Propene

Concen: 0.298 ppbv

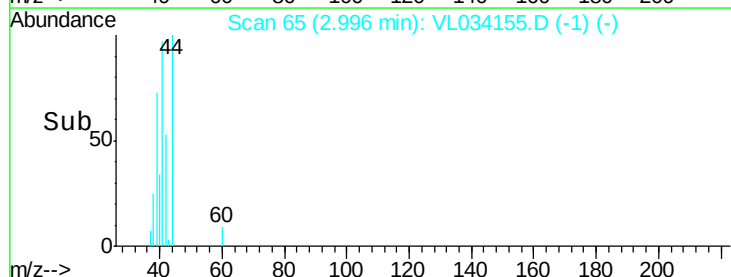
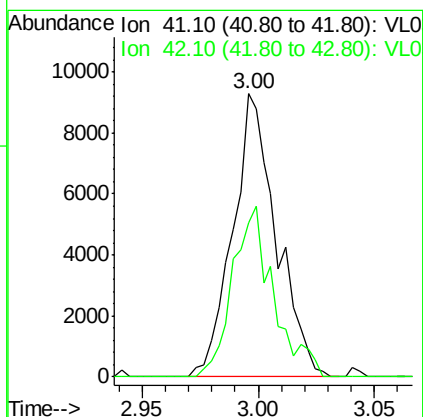
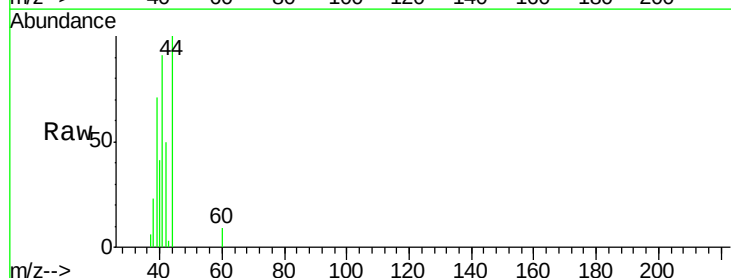
RT: 3.00 min Scan# 65

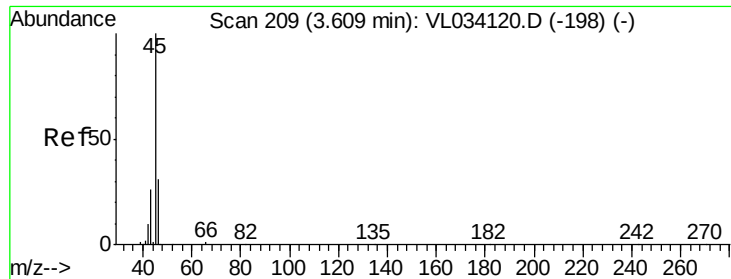
Delta R.T. -0.01 min

Lab File: VL034155.D

Acq: 10 Sep 2019 23:03

Tgt Ion	Ratio	Lower	Upper
41	100		
42	56.4	54.6	81.8





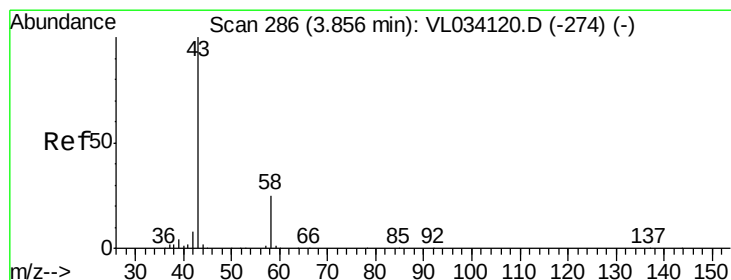
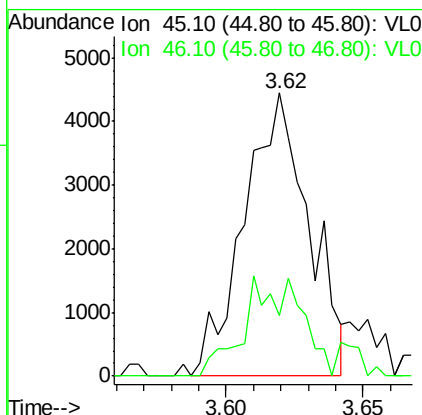
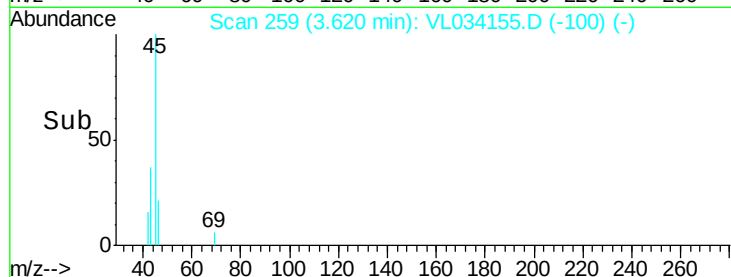
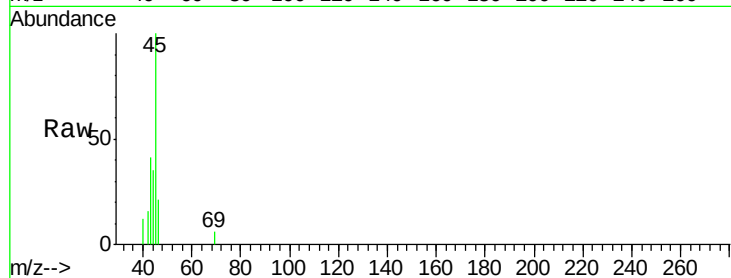
#13
Ethanol
Concen: 0.918 ppbv m
RT: 3.62 min Scan# 259
Delta R.T. 0.01 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Instrument :
MSVOA_L
ClientSampleId :
SV5DL2

Tot Ion: 45 Resp: 7316
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.0#

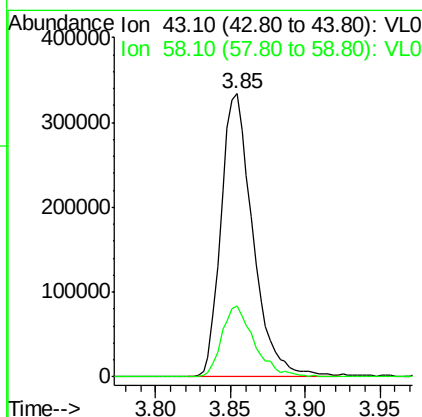
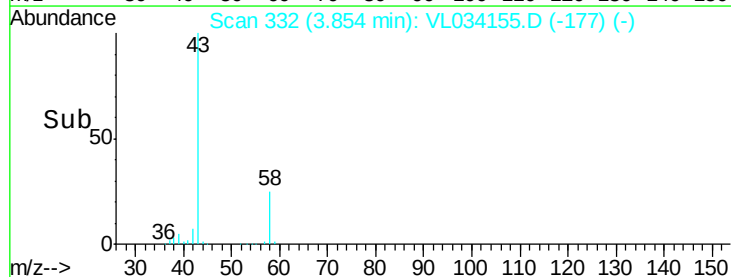
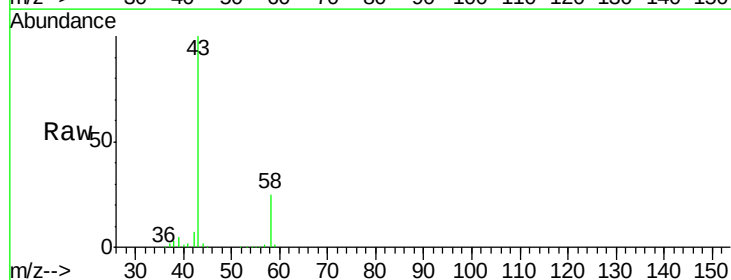
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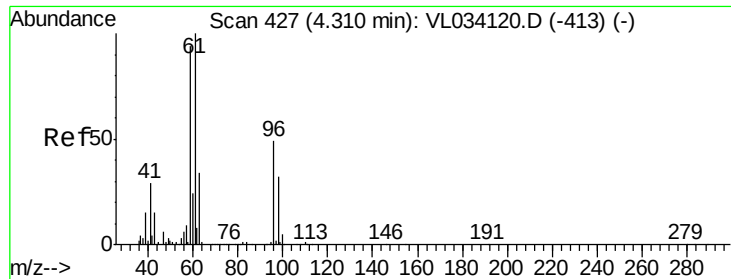
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#15
Acetone
Concen: 6.332 ppbv
RT: 3.85 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Tgt Ion: 43 Resp: 497666
Ion Ratio Lower Upper
43 100
58 26.0 20.6 30.8





#17

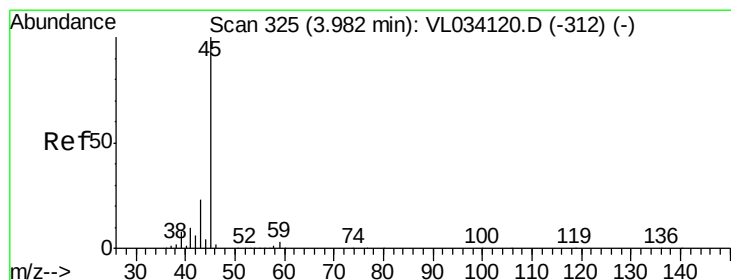
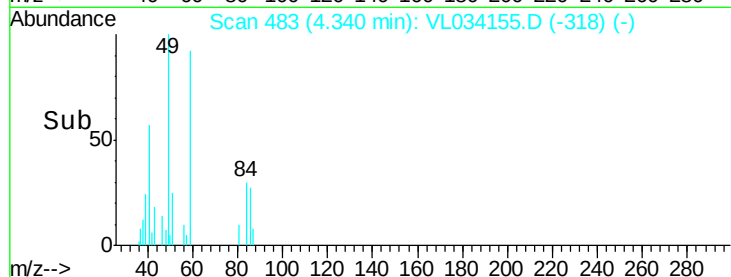
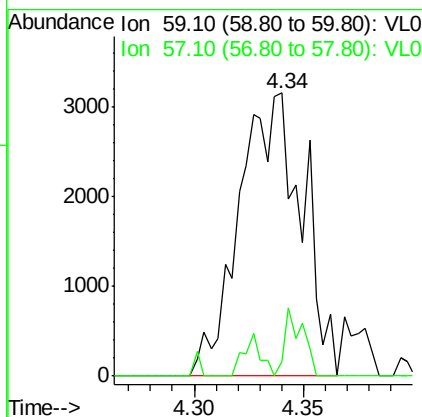
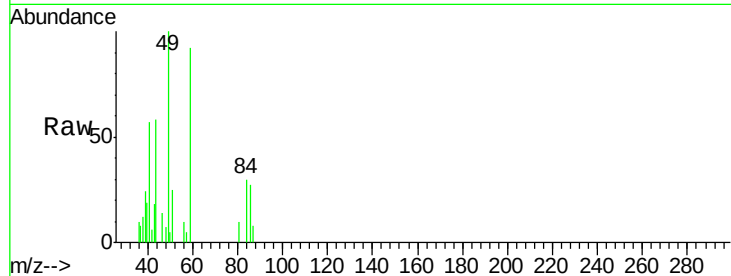
tert-Butyl alcohol
Concen: 0.111 ppbv m
RT: 4.34 min Scan# 483
Delta R.T. 0.03 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Instrument :
MSVOA_L
ClientSampleId :
SV5DL2

Tot Ion: 59 Resp: 6319
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

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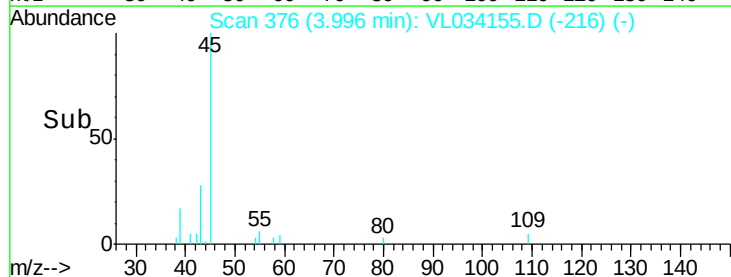
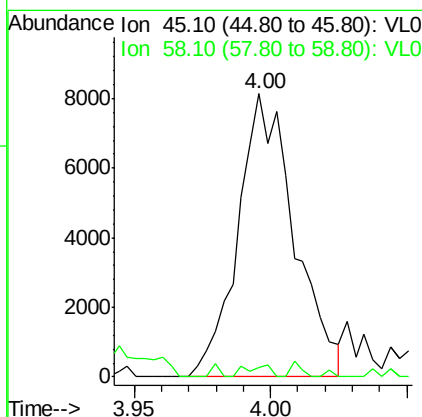
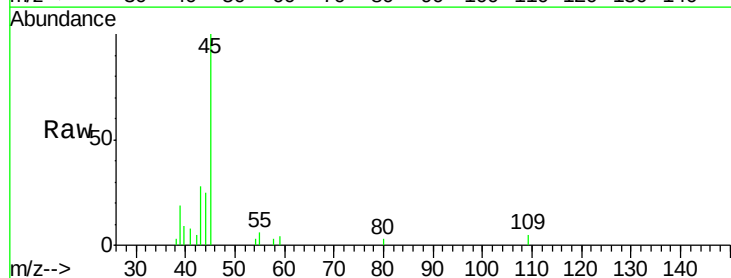
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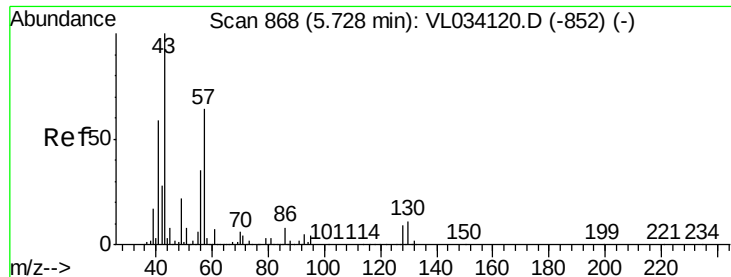


#19

Isopropyl Alcohol
Concen: 0.219 ppbv
RT: 4.00 min Scan# 376
Delta R.T. 0.01 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Tgt Ion: 45 Resp: 11636
Ion Ratio Lower Upper
45 100
58 0.0 1.0 1.6#





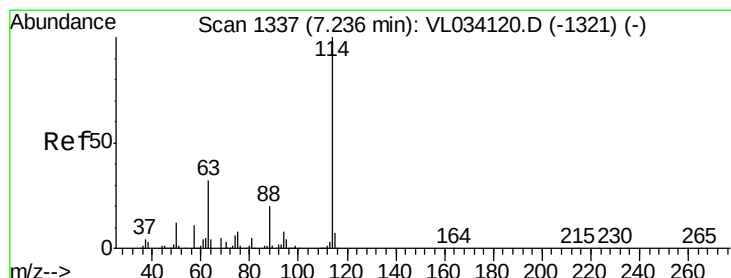
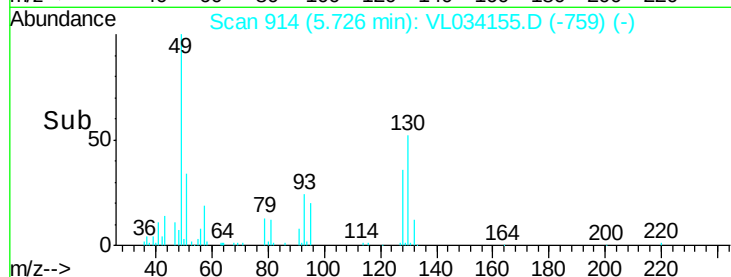
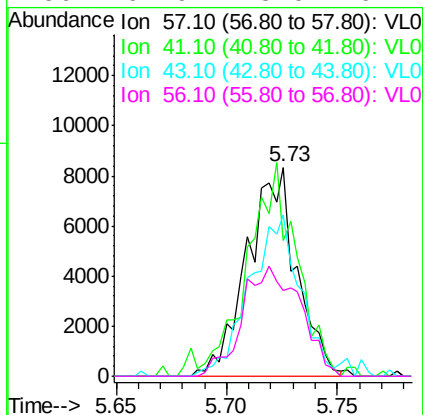
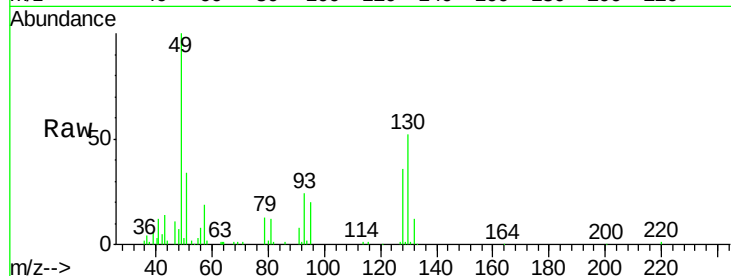
#26
Hexane
Concen: 0.169 ppbv m
RT: 5.73 min Scan# 914
Delta R.T. -0.00 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Instrument :
MSVOA_L
ClientSampleId :
SV5DL2

Tot Ion	Ion	Ratio	Lower	Upper
57	100			
41	0.0	76.6	115.0#	
43	0.0	189.2	283.8#	
56	61.9	43.0	64.4	

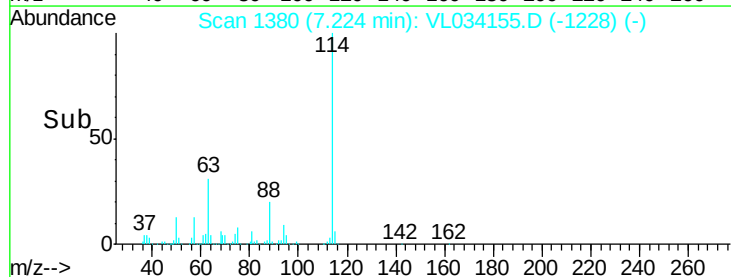
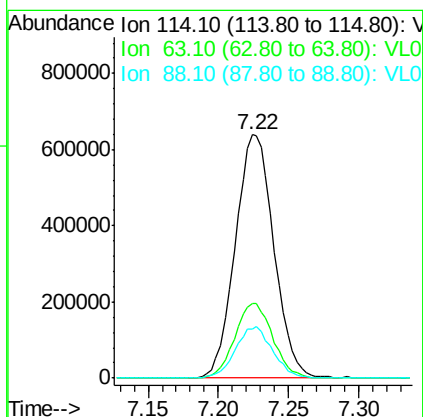
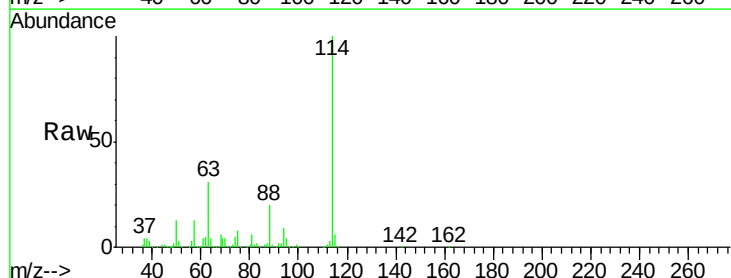
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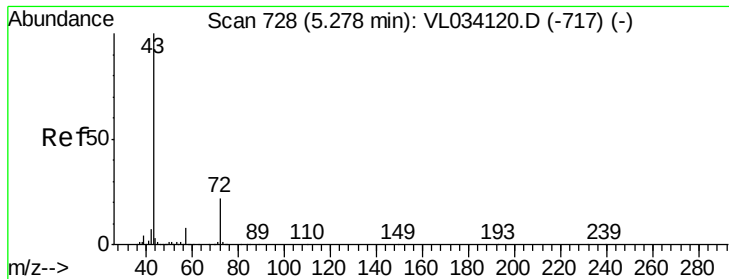
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Tgt Ion	Ion	Ratio	Lower	Upper
114	100			
63	30.4	25.5	38.3	
88	20.5	16.8	25.2	





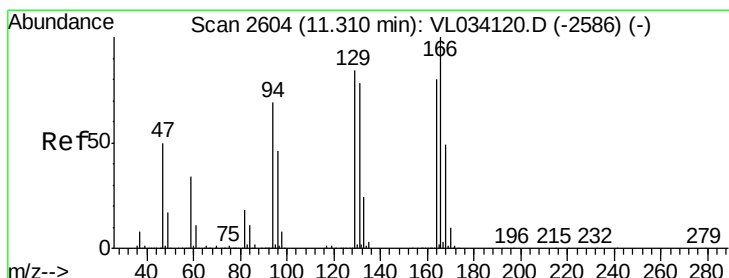
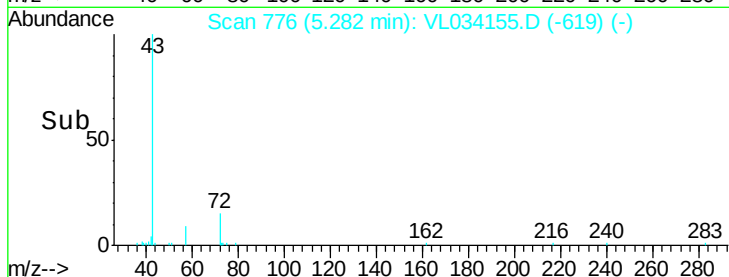
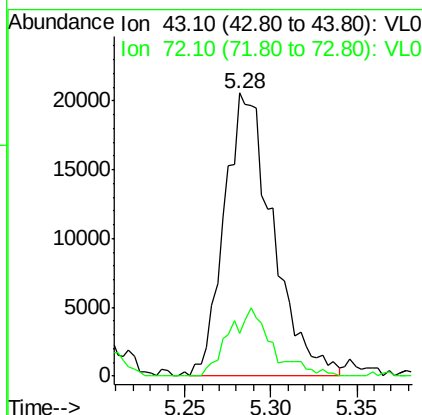
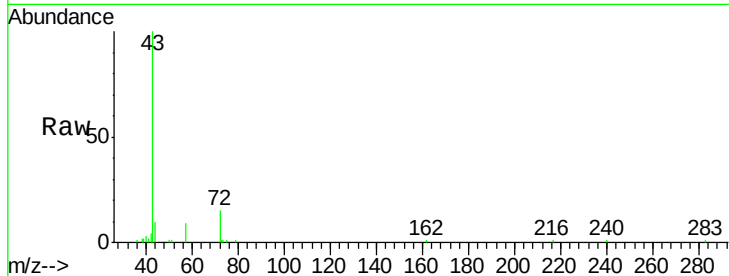
#34
2-Butanone
Concen: 0.343 ppbv m
RT: 5.28 min Scan# 776
Delta R.T. 0.00 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Instrument :
MSVOA_L
ClientSampleId :
SV5DL2

Tot Ion: 43 Resp: 40423
Ion Ratio Lower Upper
43 100
72 21.4 16.5 24.7

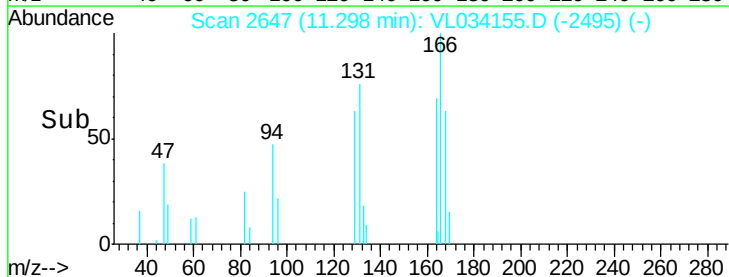
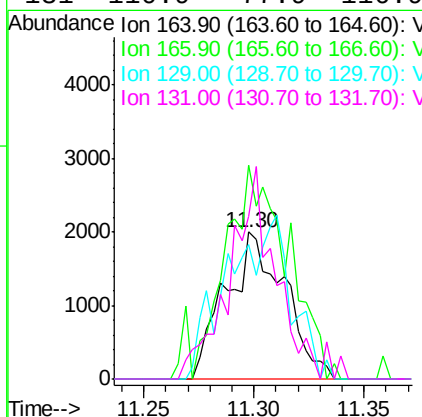
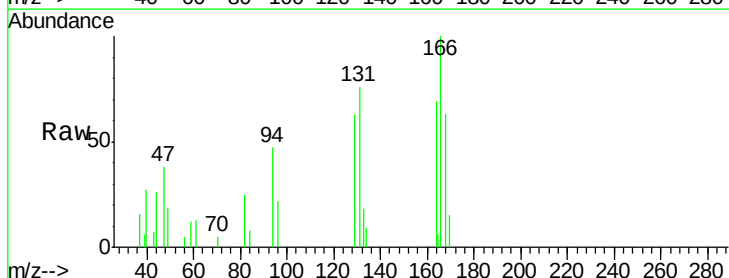
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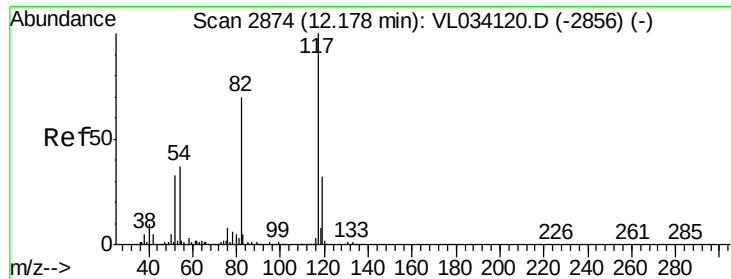
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#52
Tetrachloroethene
Concen: 0.075 ppbv m
RT: 11.30 min Scan# 2647
Delta R.T. -0.01 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Tgt Ion: 164 Resp: 3710
Ion Ratio Lower Upper
164 100
166 145.2 99.5 149.3
129 91.2 83.6 125.4
131 110.9 77.9 116.9





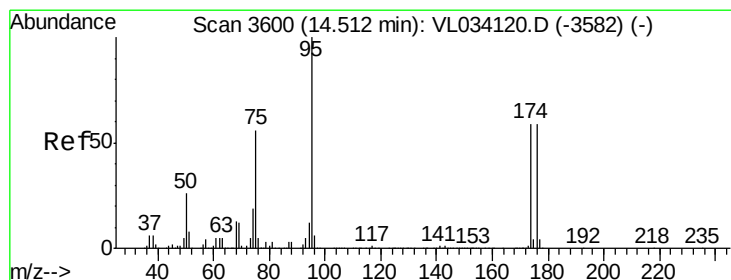
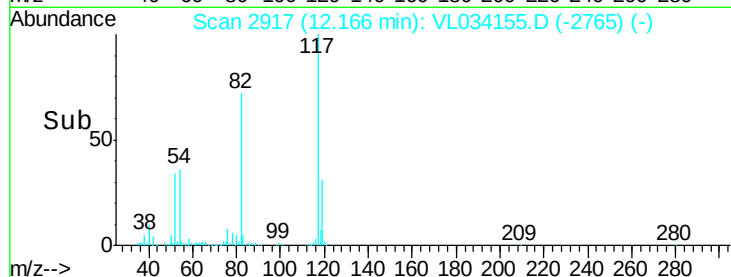
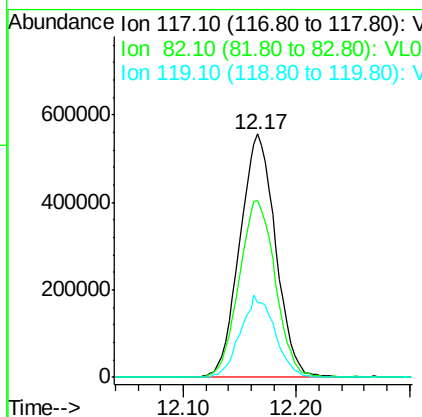
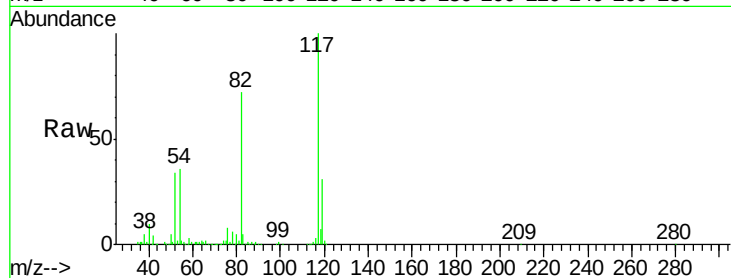
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.17 min Scan# 2917
Delta R.T. -0.01 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Instrument :
MSVOA_L
ClientSampleId :
SV5DL2

Tot Ion	Ratio	Lower	Upper
117	100		
82	73.9	55.8	83.6
119	32.5	43.1	64.7#

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.300 ppbv
RT: 14.50 min Scan# 3644
Delta R.T. -0.01 min
Lab File: VL034155.D
Acq: 10 Sep 2019 23:03

Tgt Ion	Ratio	Lower	Upper
95	100		
174	60.5	48.1	72.1
175	4.3	3.5	5.3

