

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091720\
 Data File : VL035678.D
 Acq On : 18 Sep 2020 9:28
 Operator : SY/AP
 Sample : L3983-05DL2 1200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-11ADL2

Manual Integrations
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Quant Time: Sep 20 21:06:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1013256	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3921594	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3882467	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2812831	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
31) cis-1,2-Dichloroethene	5.55	61	29321m	0.255	ppbv	
38) Trichloroethene	7.84	130	66434	0.451	ppbv	99
52) Tetrachloroethene	11.24	164	1568529	10.577	ppbv	97

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

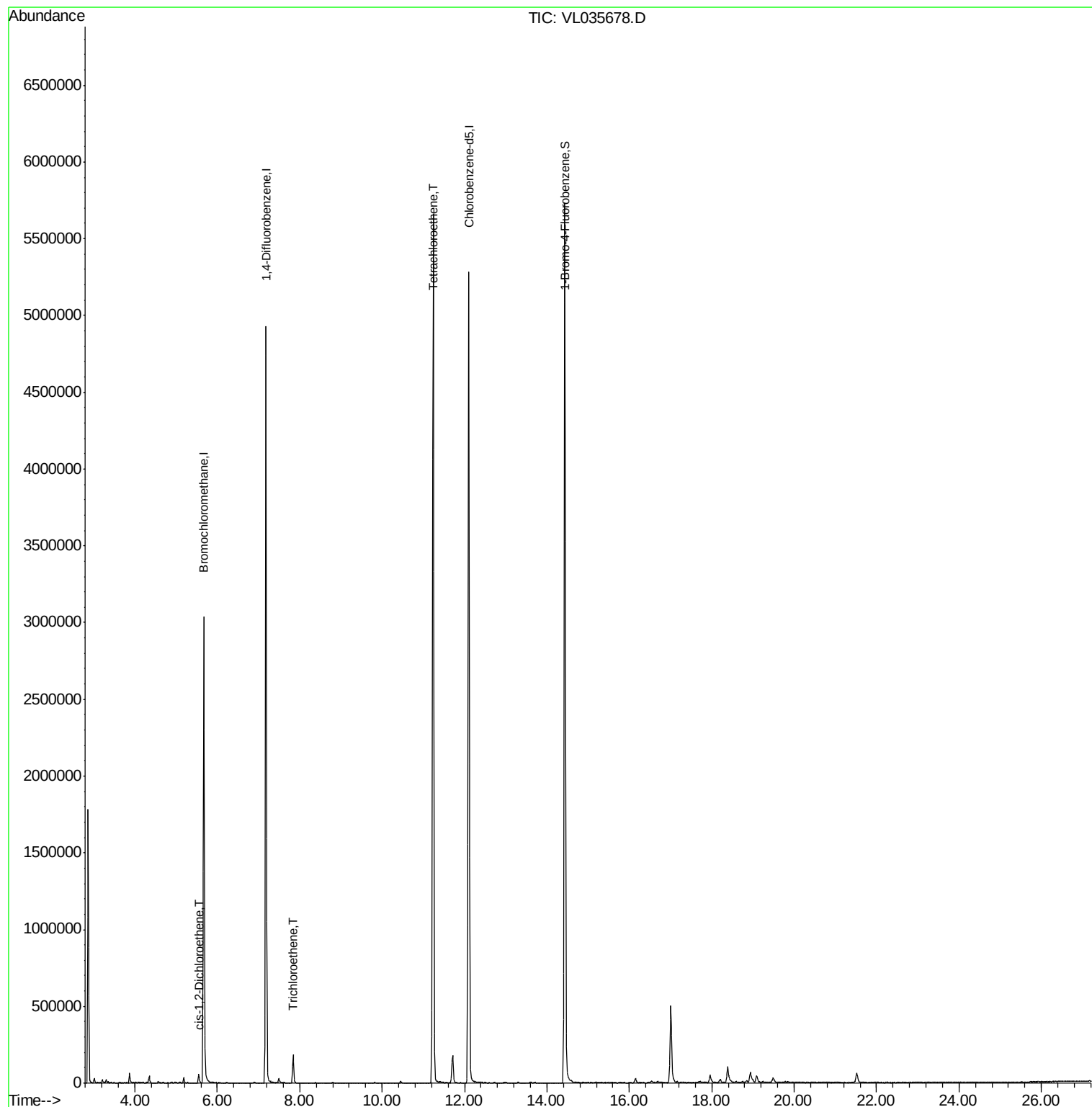
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL091720\
Data File : VL035678.D
Acq On : 18 Sep 2020 9:28
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Misc : 400ml/MSVOA L
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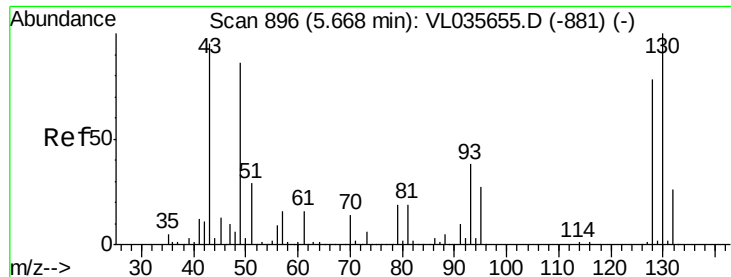
Instrument :
MSVOA_L
ClientSampleId :
SV-11ADL2

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Quant Time: Sep 20 21:06:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.00 min

Lab File: VL035678.D

Acq: 18 Sep 2020 9:28

Instrument :

MSVOA_L

ClientSampleId :

SV-11ADL2

Tot Ion: 49 Resp: 1013256

Ion Ratio Lower Upper

49 100

128 88.7 50.0 150.1

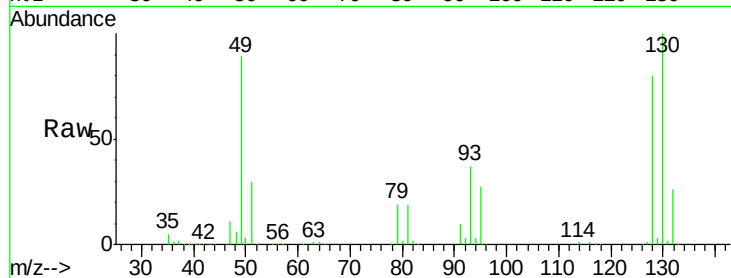
130 114.2 64.4 193.2

Manual Integrations

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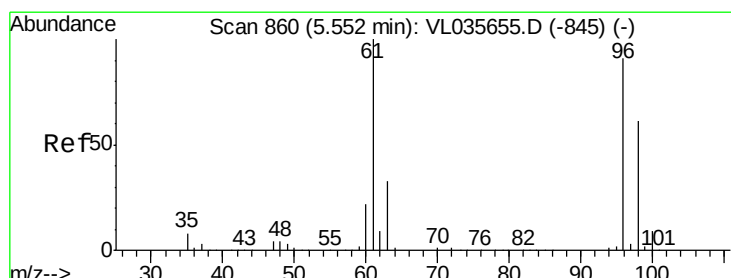
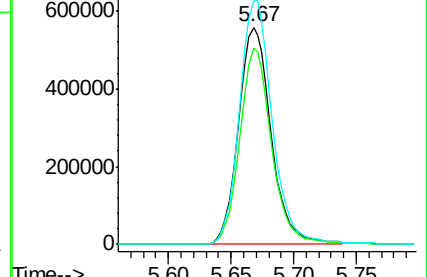
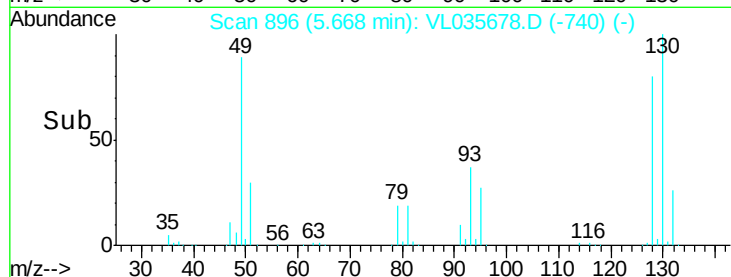


Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

Time-->



#31

cis-1,2-Dichloroethene

Concen: 0.255 ppbv m

RT: 5.55 min Scan# 858

Delta R.T. -0.00 min

Lab File: VL035678.D

Acq: 18 Sep 2020 9:28

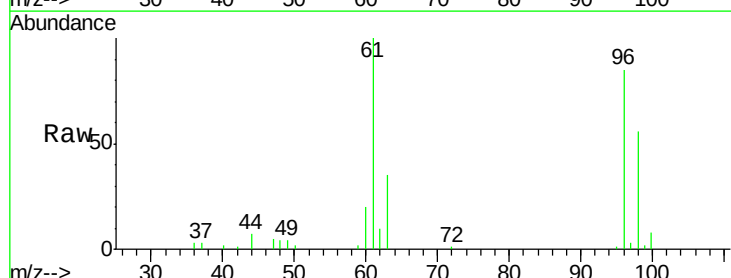
Tgt Ion: 61 Resp: 29321

Ion Ratio Lower Upper

61 100

96 84.5 74.4 111.6

98 55.8 49.2 73.8

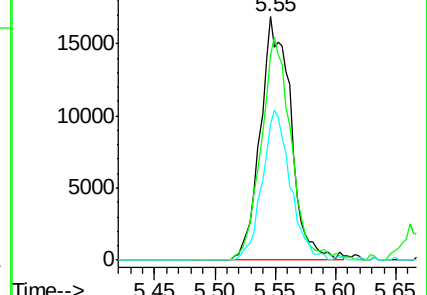
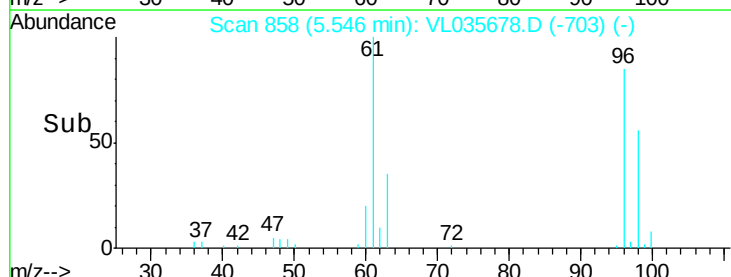


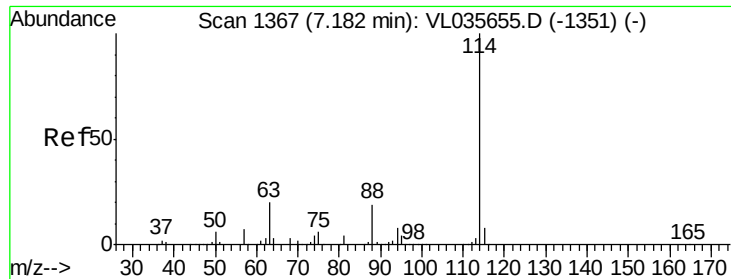
Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0

Time-->





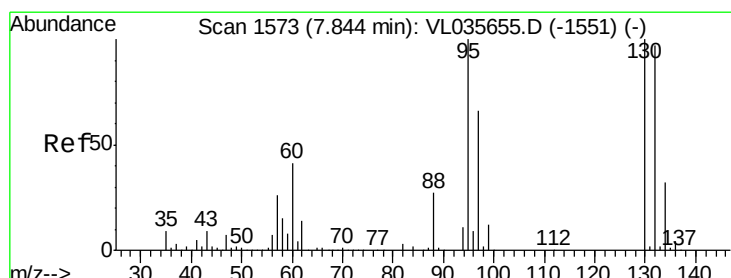
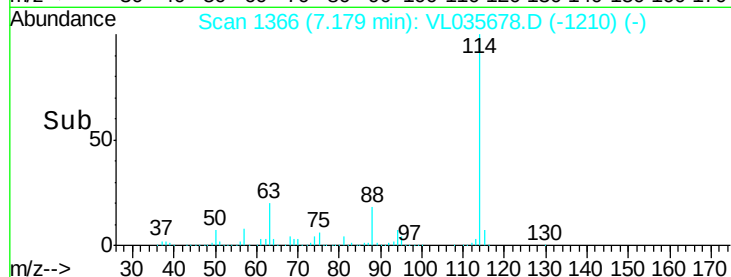
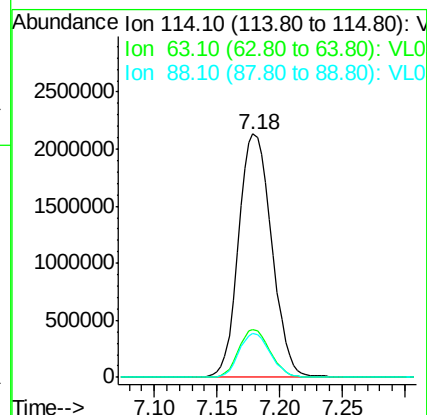
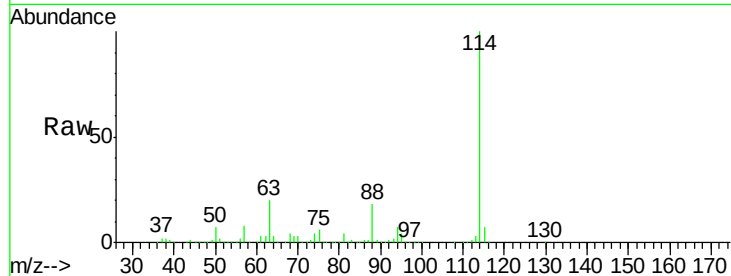
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: VL035678.D
 Acq: 18 Sep 2020 9:28

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-11ADL2

Tot Ion:114 Resp: 3921594
 Ion Ratio Lower Upper
 114 100
 63 18.9 14.7 22.1
 88 17.1 13.4 20.2

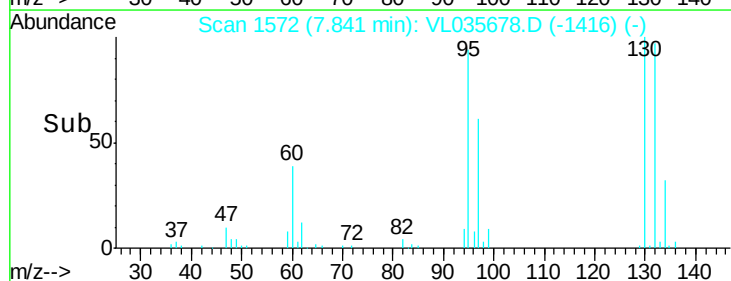
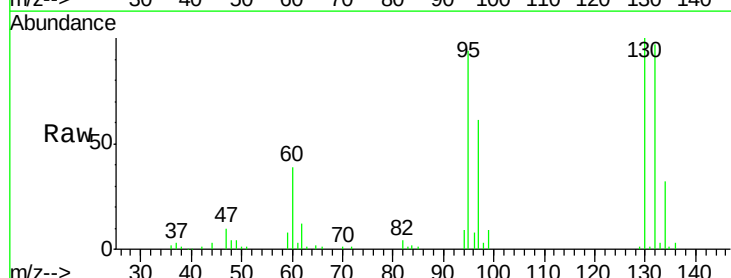
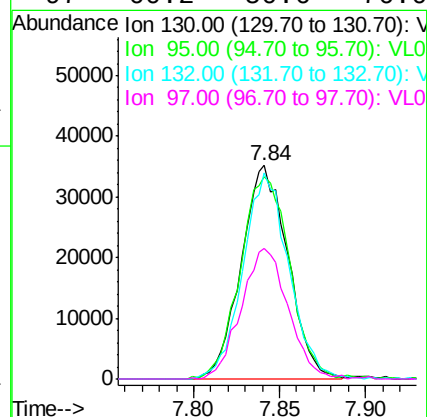
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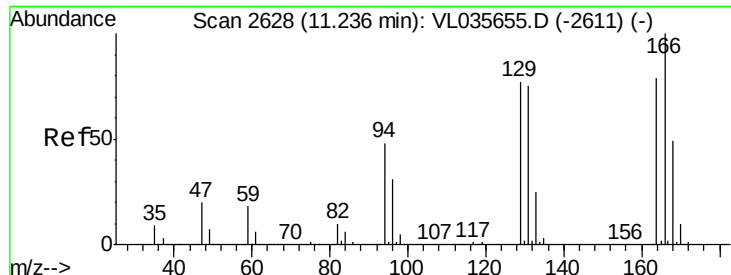
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#38
 Trichloroethene
 Concen: 0.451 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VL035678.D
 Acq: 18 Sep 2020 9:28

Tgt Ion:130 Resp: 66434
 Ion Ratio Lower Upper
 130 100
 95 93.1 74.6 112.0
 132 96.6 77.6 116.4
 97 60.2 50.6 76.0





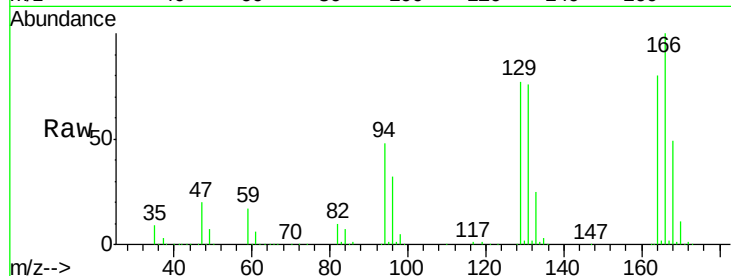
#52
Tetrachloroethene
Concen: 10.577 ppbv
RT: 11.24 min Scan# 2629
Delta R.T. 0.01 min
Lab File: VL035678.D
Acq: 18 Sep 2020 9:28

Instrument :
MSVOA_L
ClientSampleId :
SV-11ADL2

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.7	100.9	151.3
129	96.4	75.3	112.9
131	95.3	73.0	109.4

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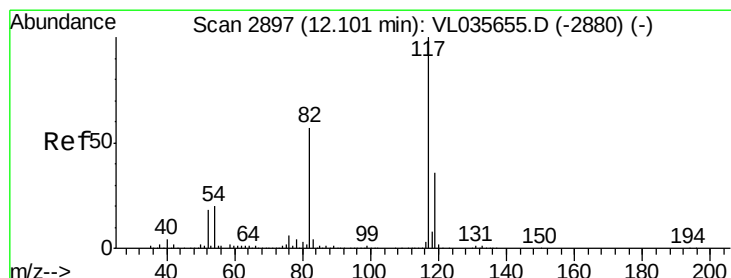
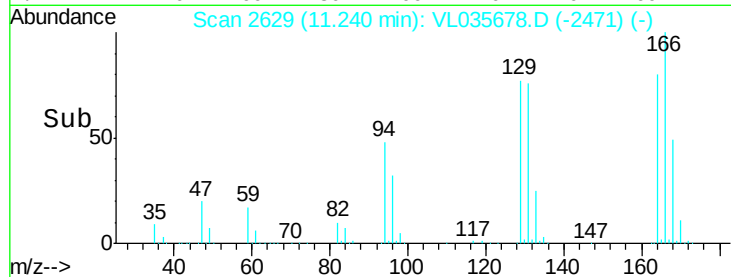
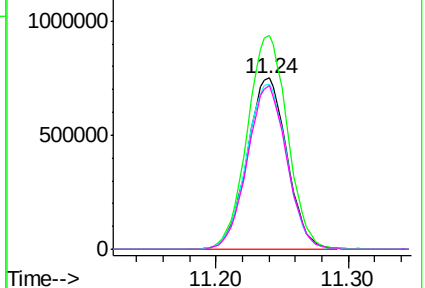
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.01 min
Lab File: VL035678.D
Acq: 18 Sep 2020 9:28

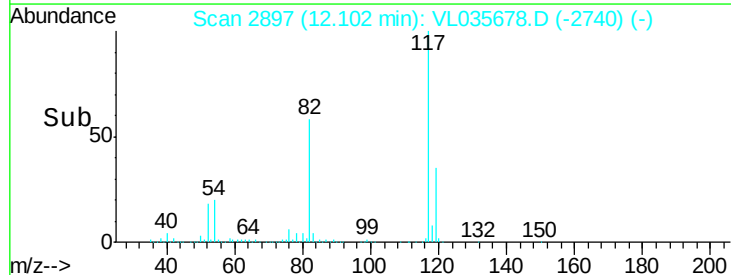
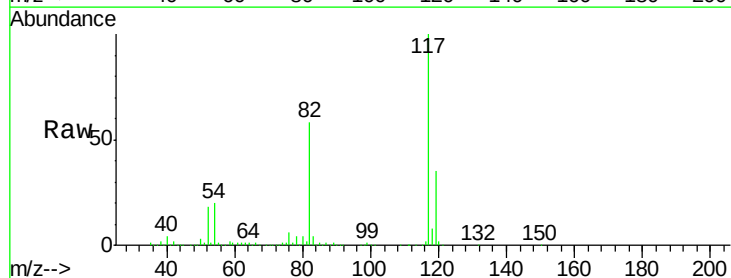
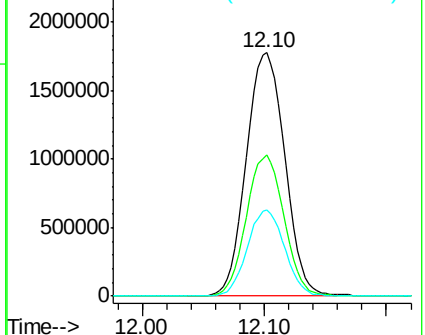
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.9	41.6	62.4
119	34.5	29.3	43.9

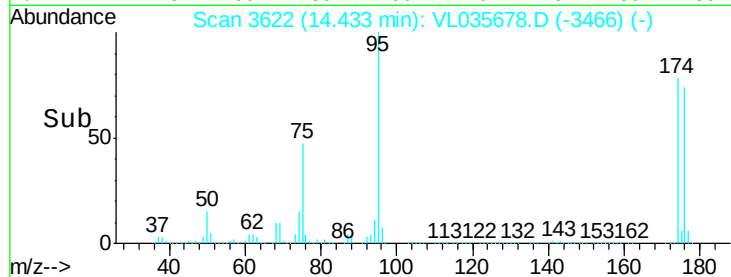
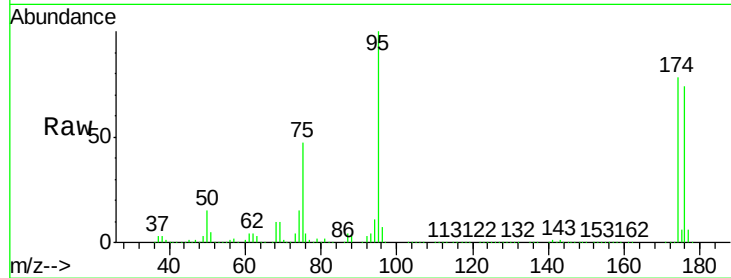
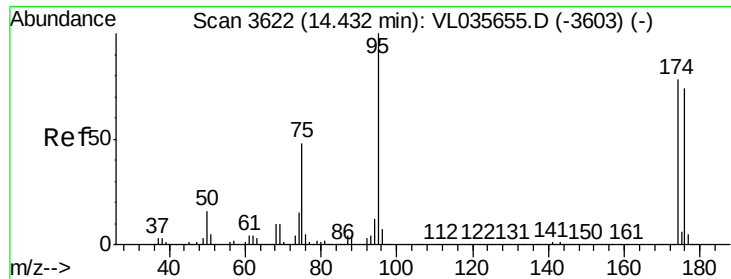
Abundance

Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.202 ppbv

RT: 14.43 min Scan# 3622

Delta R.T. 0.00 min

Lab File: VL035678.D

Acq: 18 Sep 2020 9:28

Instrument :

MSVOA_L

ClientSampleId :

SV-11ADL2

Tot Ion: 95 Resp: 2812831

Ion Ratio Lower Upper

95 100

174 79.5 69.6 104.4

175 5.7 5.1 7.7

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