

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111820\
 Data File : VL035976.D
 Acq On : 18 Nov 2020 16:51
 Operator : SY/AP
 Sample : L4773-01DL2 1200X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Manual Integrations
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Quant Time: Nov 19 08:50:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1151383	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	4029894	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	3850676	10.00	ppbv	-0.05
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2864647	10.47	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.70%
Target Compounds						Ovalue
15) Acetone	3.84	43	31569	0.256	ppbv	# 41
20) Methylene Chloride	4.32	84	22040m	0.254	ppbv	
52) Tetrachloroethene	11.19	164	406419	2.863	ppbv	97

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

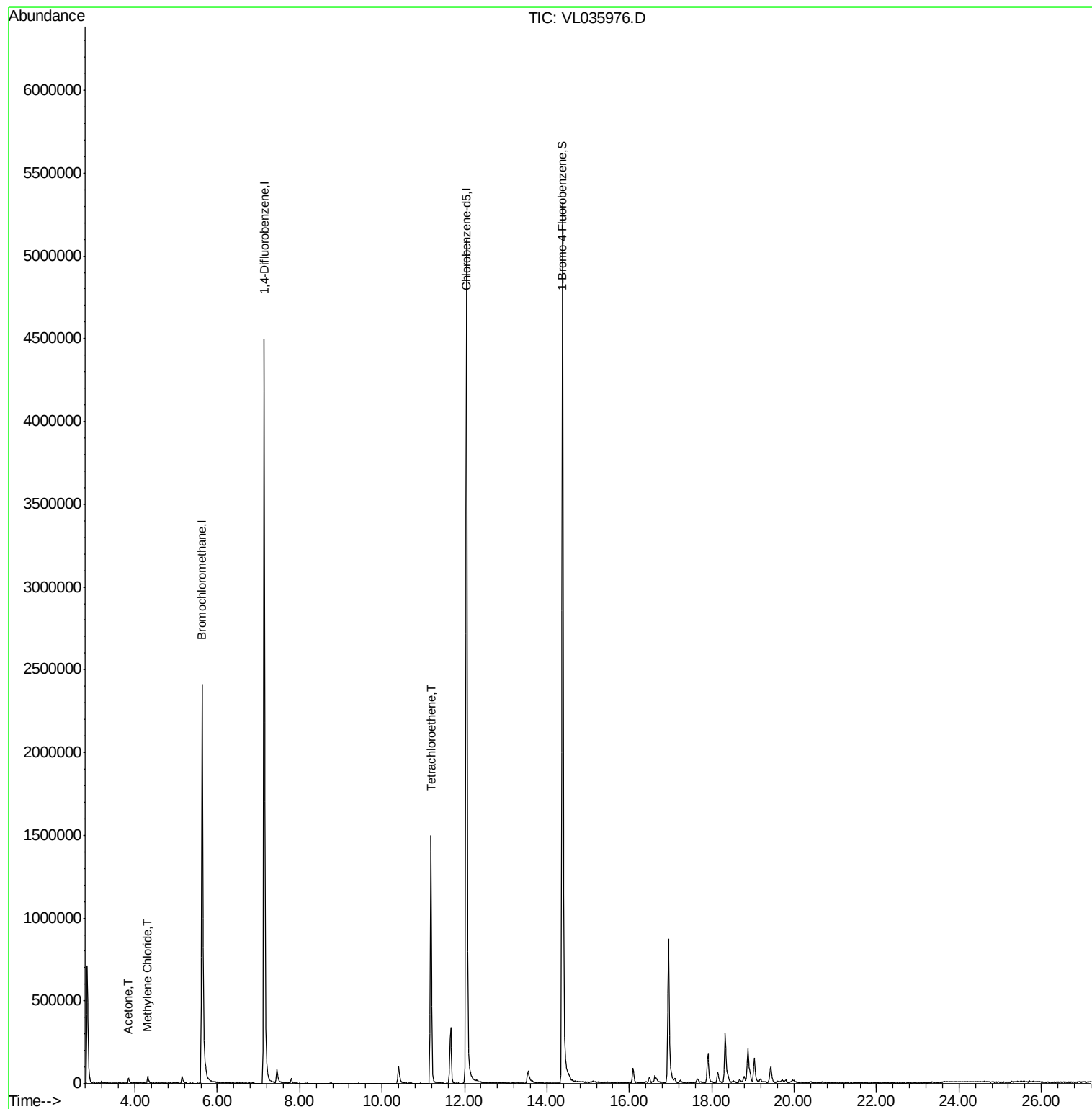
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Data File : VL035976.D
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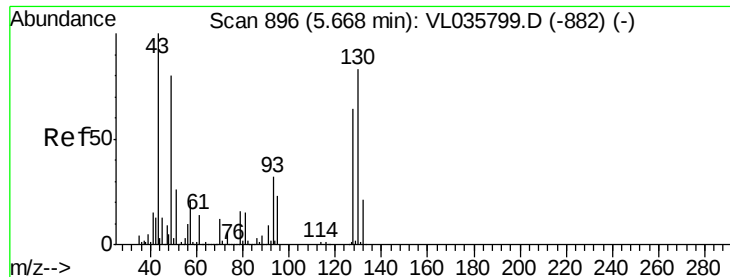
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

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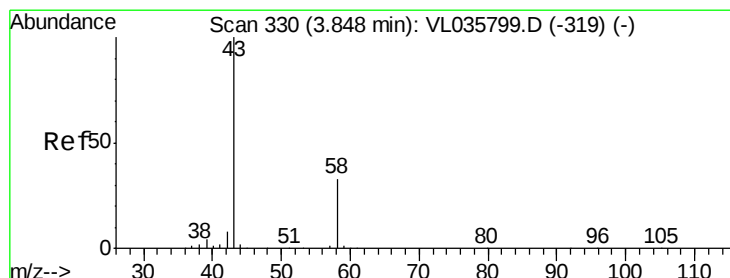
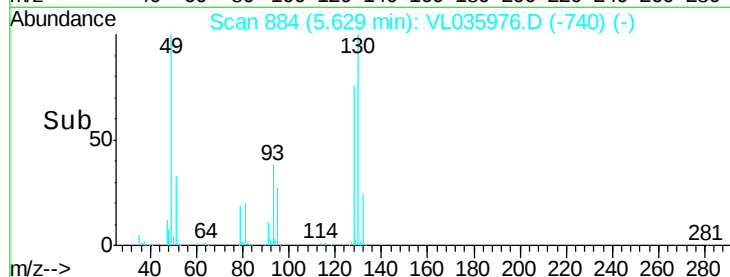
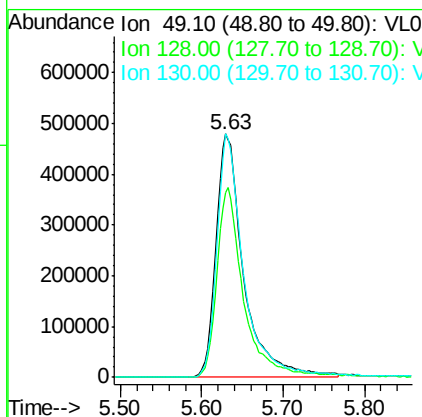
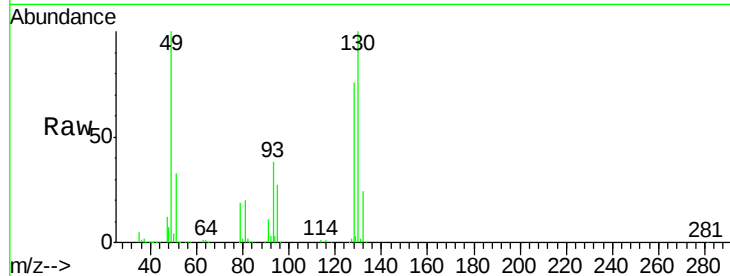
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.63 min Scan# 884
Delta R.T. -0.04 min
Lab File: VL035976.D
Acq: 18 Nov 2020 16:51

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Tot Ion: 49 Resp: 1151383
Ion Ratio Lower Upper
49 100
128 76.7 41.5 124.6
130 97.7 53.7 161.1

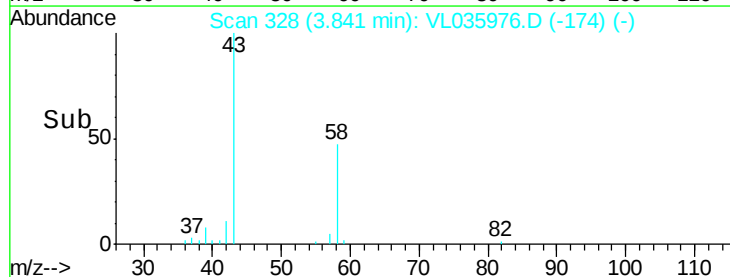
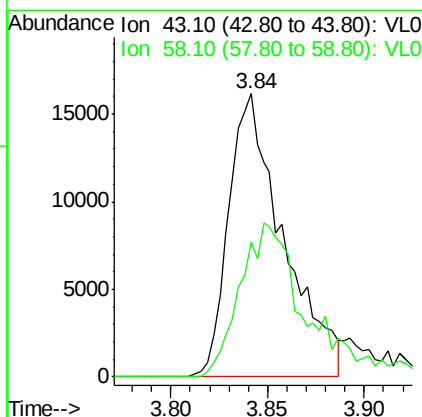
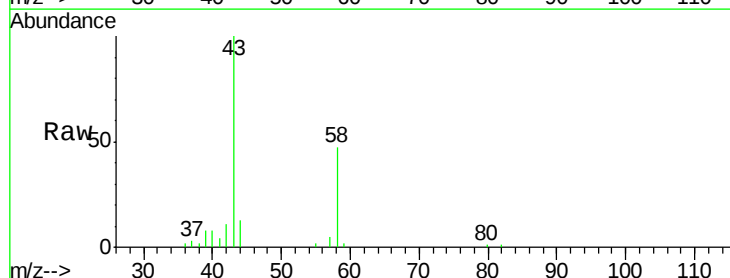
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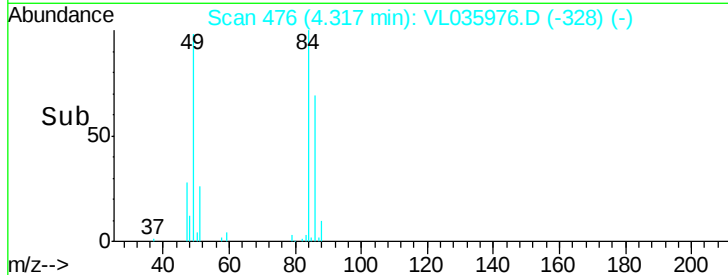
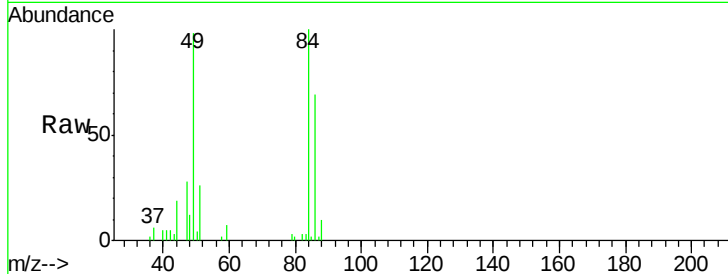
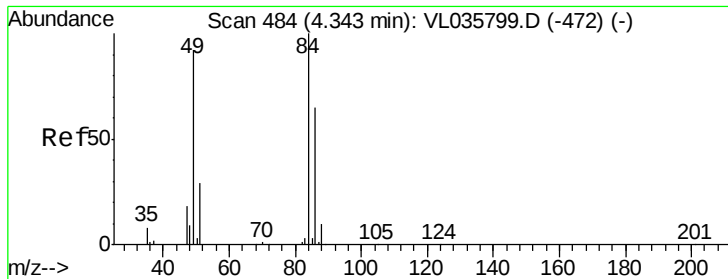
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#15
Acetone
Concen: 0.256 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL035976.D
Acq: 18 Nov 2020 16:51

Tgt Ion: 43 Resp: 31569
Ion Ratio Lower Upper
43 100
58 68.2 27.5 41.3#





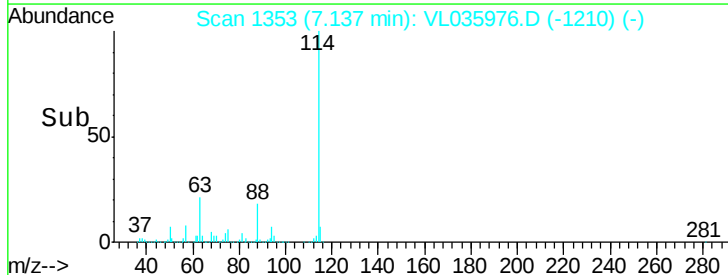
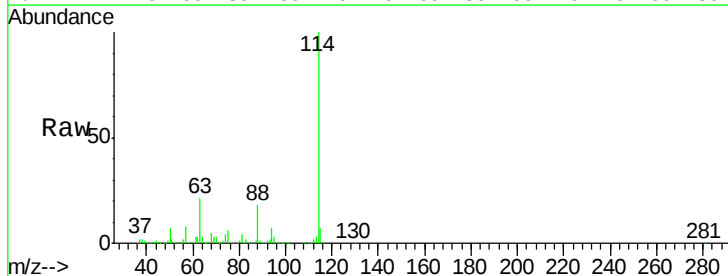
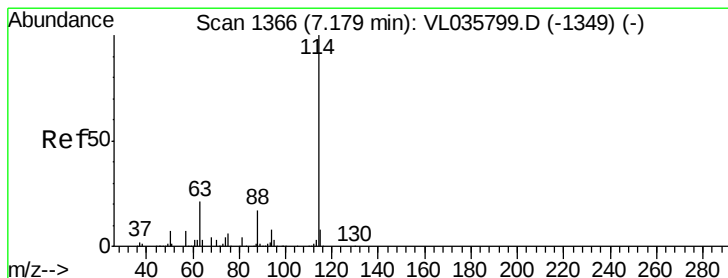
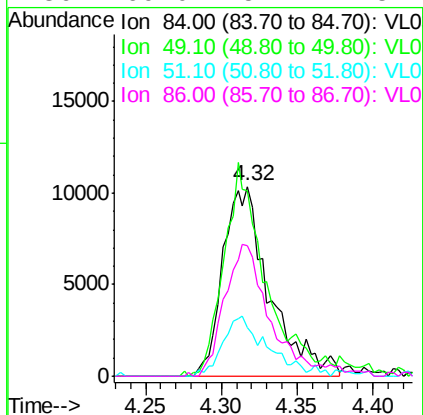
#20
Methvlene Chloride
Concen: 0.254 ppbv m
RT: 4.32 min Scan# 476
Delta R.T. -0.03 min
Lab File: VL035976.D
Acq: 18 Nov 2020 16:51

Tot Ion:	84	Resp:	22040
Ion	Ratio	Lower	Upper
84	100		
49	97.8	73.8	110.8
51	25.8	23.0	34.4
86	69.0	52.1	78.1

Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

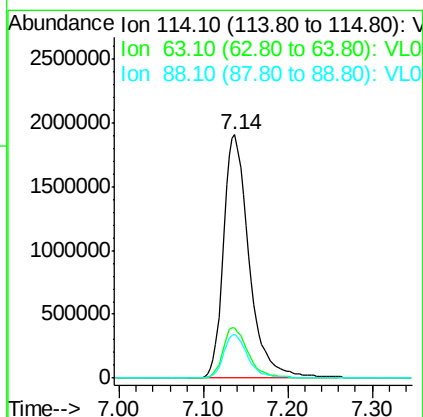
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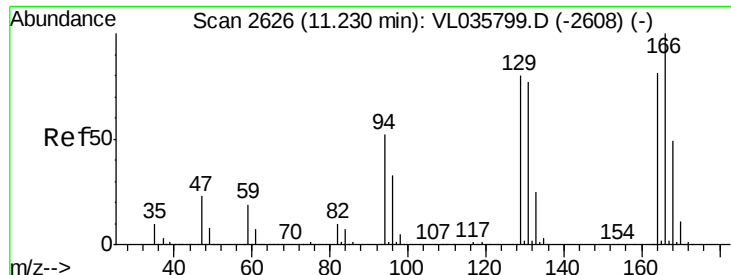
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.04 min
Lab File: VL035976.D
Acq: 18 Nov 2020 16:51

Tgt Ion:	114	Resp:	4029894
Ion	Ratio	Lower	Upper
114	100		
63	20.7	16.1	24.1
88	17.3	13.7	20.5





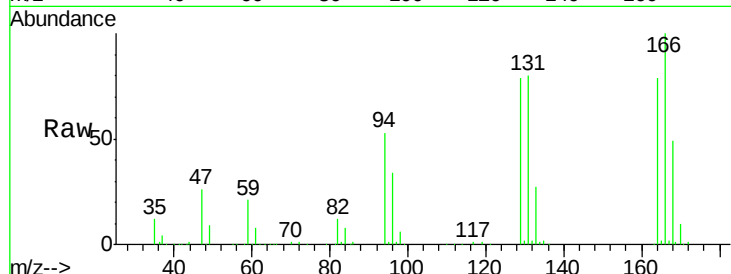
#52
Tetrachloroethene
Concen: 2.863 ppbv
RT: 11.19 min Scan# 2612
Delta R.T. -0.05 min
Lab File: VL035976.D
Acq: 18 Nov 2020 16:51

Instrument :
MSVOA_L
ClientSampled :
SV1DL2

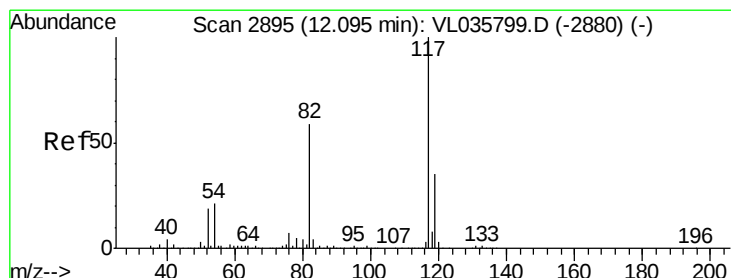
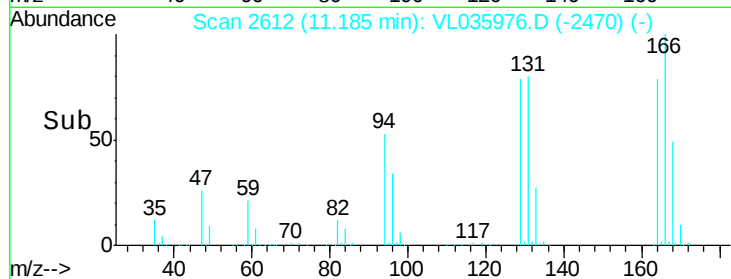
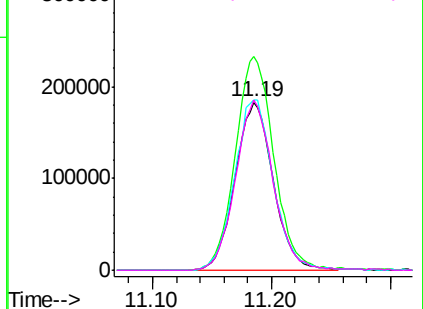
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	126.9	99.3	148.9	
129	101.0	79.3	118.9	
131	101.2	76.5	114.7	

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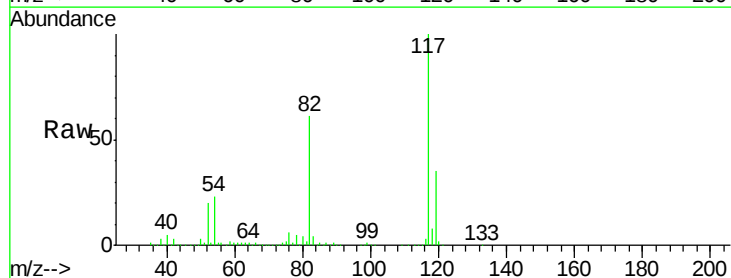


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 165.90 (165.60 to 166.60): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V

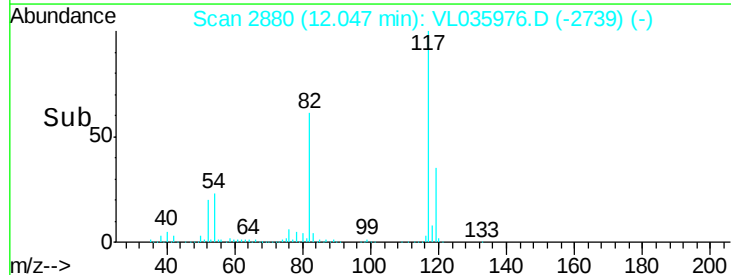
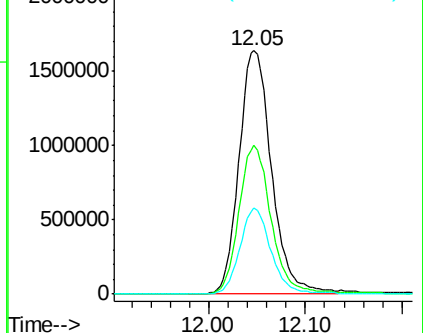


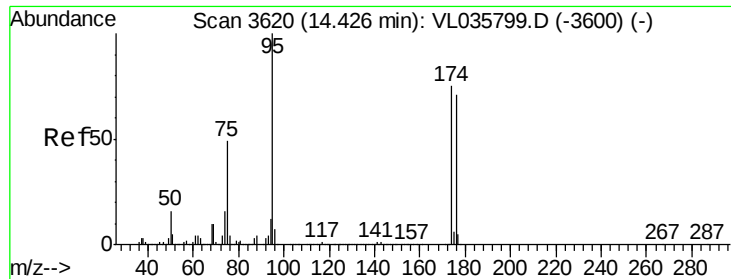
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2880
Delta R.T. -0.05 min
Lab File: VL035976.D
Acq: 18 Nov 2020 16:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
82	61.3	50.6	76.0	
119	34.3	52.6	78.8#	



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: 10.471 ppbv
 RT: 14.38 min Scan# 3605
 Delta R.T. -0.05 min
 Lab File: VL035976.D
 Acq: 18 Nov 2020 16:51

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Tot Ion	Ratio	Lower	Upper
95	100		
174	71.1	59.8	89.6
175	5.2	4.3	6.5

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