

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051420\
 Data File : VL035039.D
 Acq On : 15 May 2020 9:59
 Operator : SY/AP
 Sample : L2566-07DL2 600X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-OFF-SITEDL

Quant Time: May 16 00:40:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1084000	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	2519973	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.11	117	2392351	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2028969	10.48	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.80%

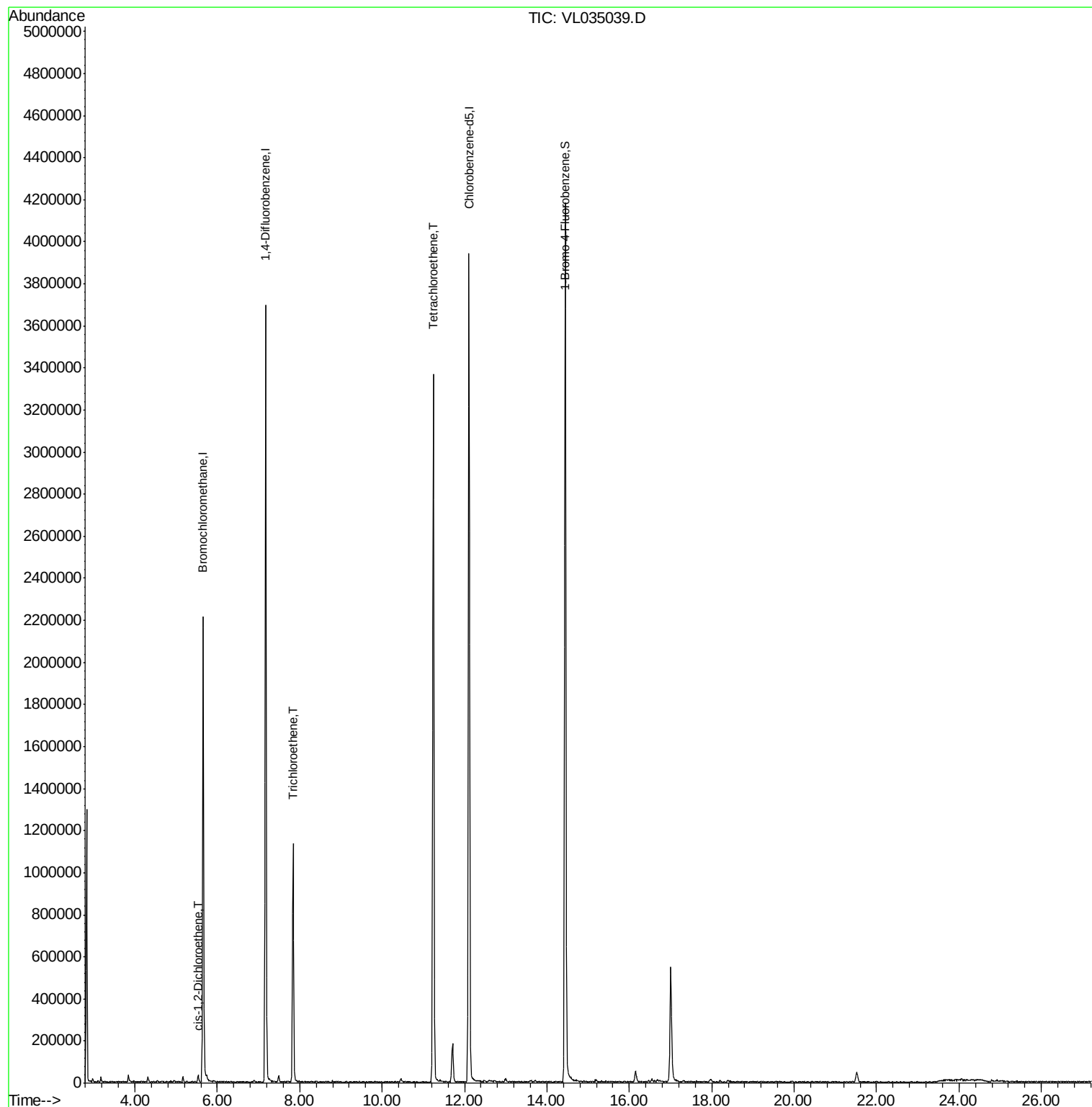
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
31) cis-1,2-Dichloroethene	5.53	61	17555	0.172	ppbv	# 77
38) Trichloroethene	7.84	130	327857	4.073	ppbv	98
52) Tetrachloroethene	11.24	164	810148	10.966	ppbv	99

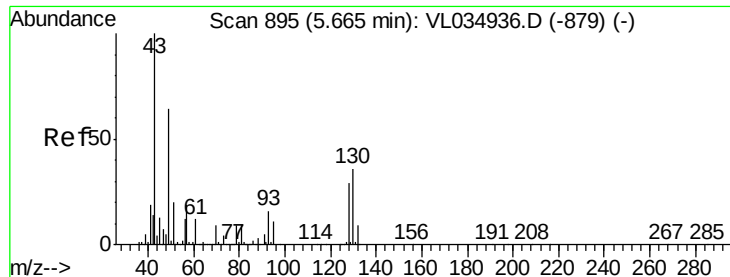
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

Lab File: VL035039.D

Acq: 15 May 2020 9:59

Instrument :

MSVOA_L

ClientSampleId :

SG-OFF-SITEDL

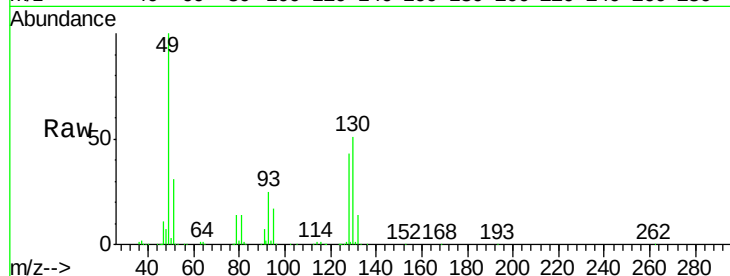
Tot Ion: 49 Resp: 1084000

Ion Ratio Lower Upper

49 100

128 45.0 22.1 66.5

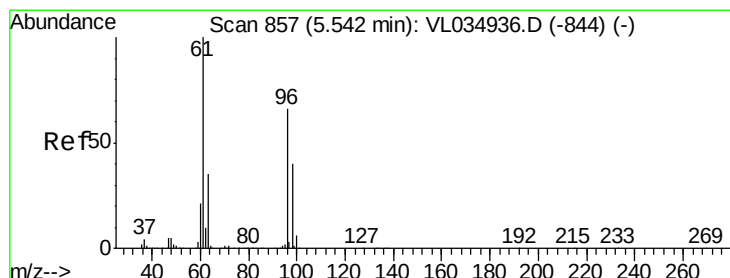
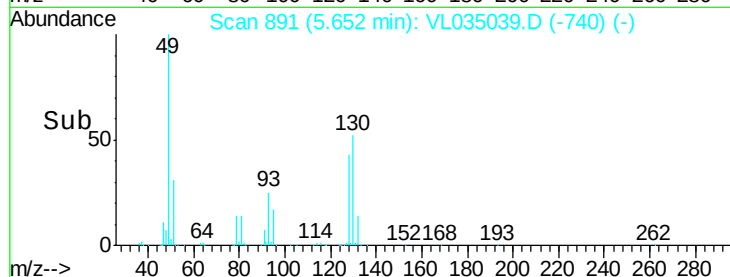
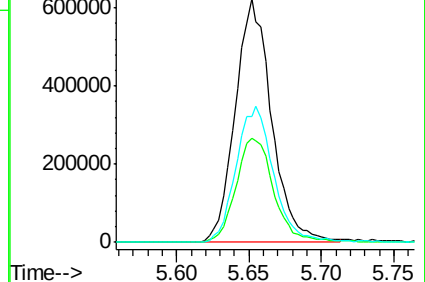
130 58.3 29.1 87.3



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



#31

cis-1,2-Dichloroethene

Concen: 0.172 ppbv

RT: 5.53 min Scan# 854

Delta R.T. -0.01 min

Lab File: VL035039.D

Acq: 15 May 2020 9:59

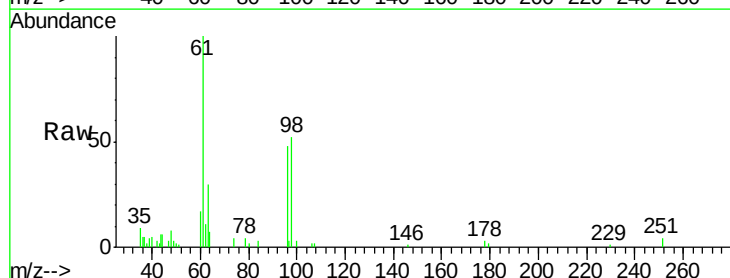
Tgt Ion: 61 Resp: 17555

Ion Ratio Lower Upper

61 100

96 45.9 53.0 79.6#

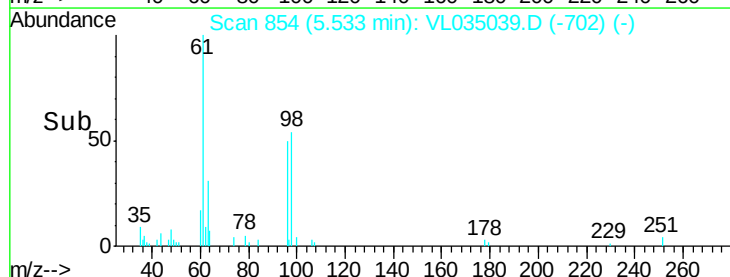
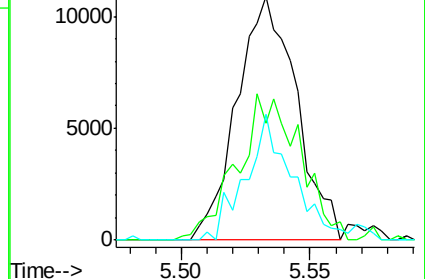
98 51.8 32.2 48.2#

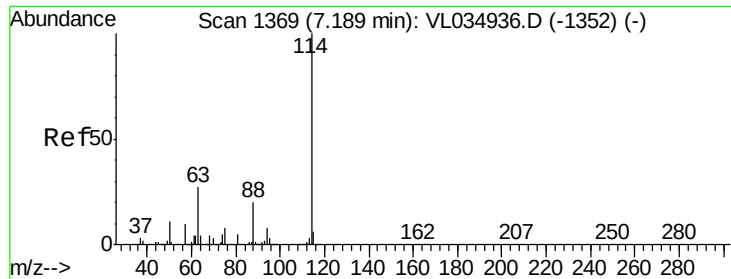


Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



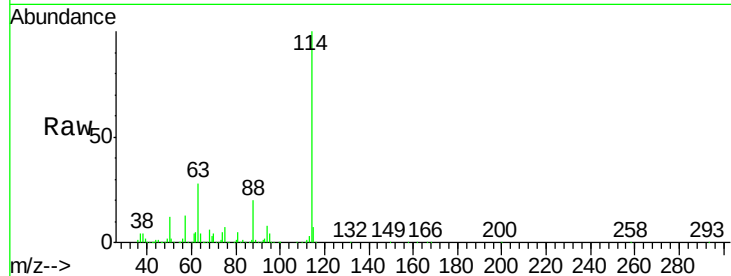


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.02 min
 Lab File: VL035039.D
 Acq: 15 May 2020 9:59

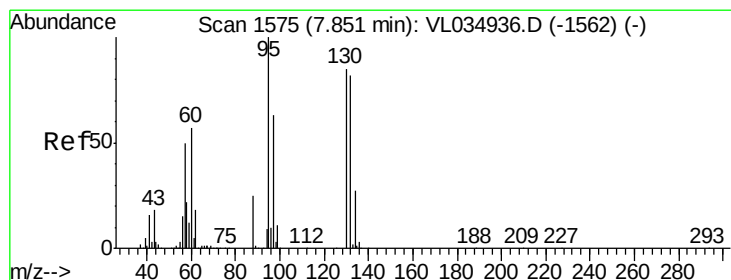
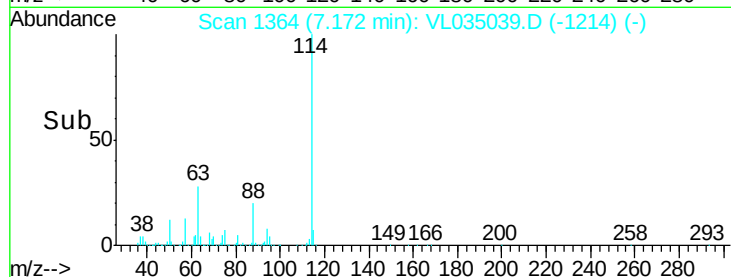
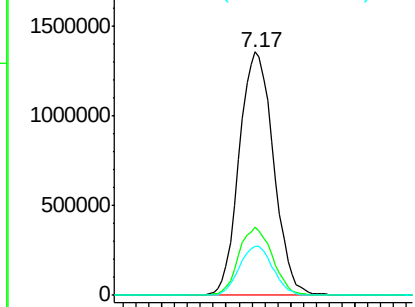
Instrument :
 MSVOA_L
 ClientSampleId :
 SG-OFF-SITEDL

Tot Ion:114 Resp: 2519973

Ion	Ratio	Lower	Upper
114	100		
63	27.6	22.2	33.4
88	19.8	15.5	23.3



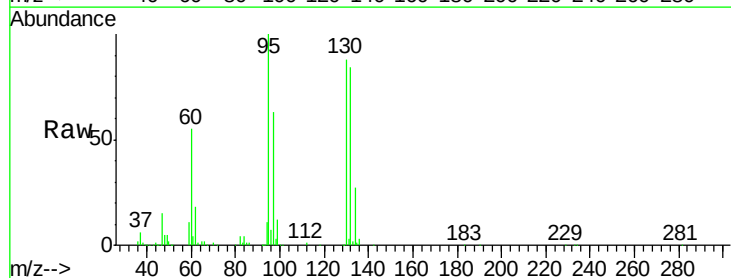
Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



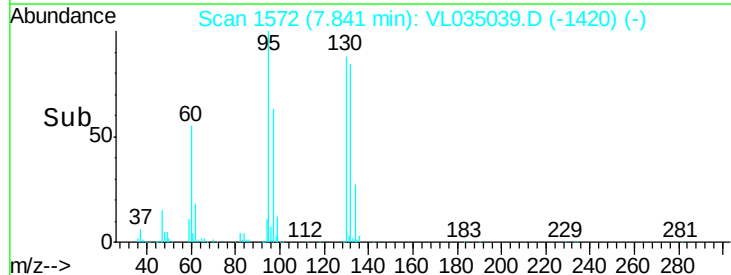
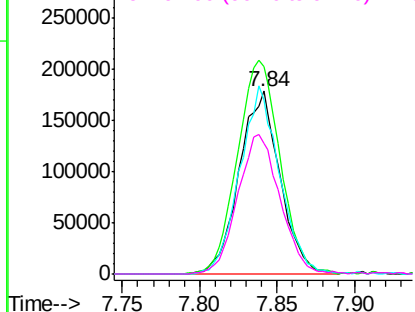
#38
 Trichloroethene
 Concen: 4.073 ppbv
 RT: 7.84 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: VL035039.D
 Acq: 15 May 2020 9:59

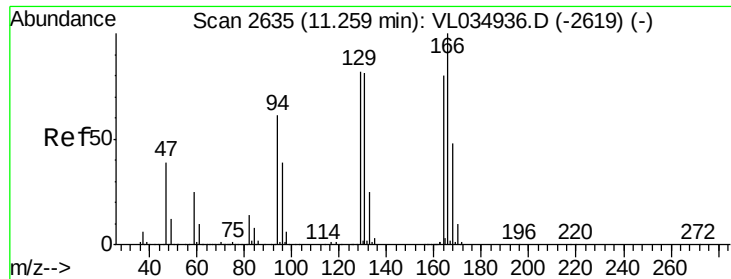
Tgt Ion:130 Resp: 327857

Ion	Ratio	Lower	Upper
130	100		
95	113.7	93.4	140.0
132	95.7	76.4	114.6
97	71.9	58.5	87.7



Abundance Ion 130.00 (129.70 to 130.70): V
 Ion 95.00 (94.70 to 95.70): VL0
 Ion 132.00 (131.70 to 132.70): V
 Ion 97.00 (96.70 to 97.70): VL0

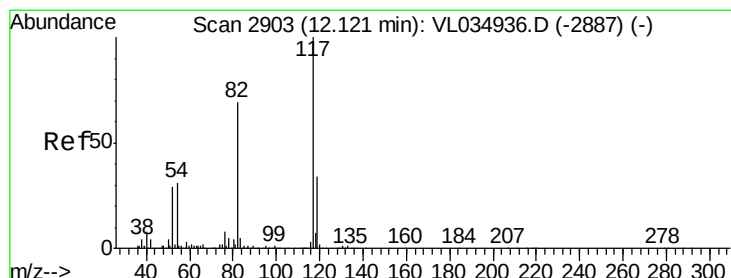
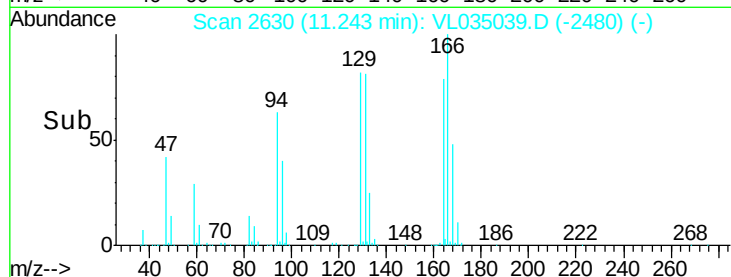
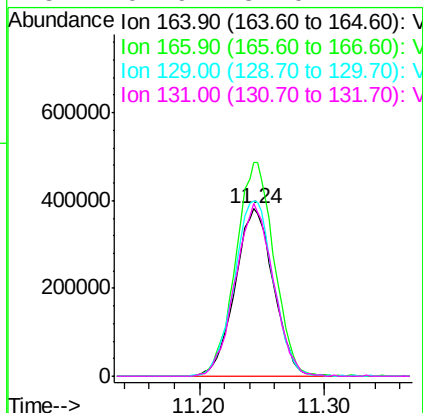
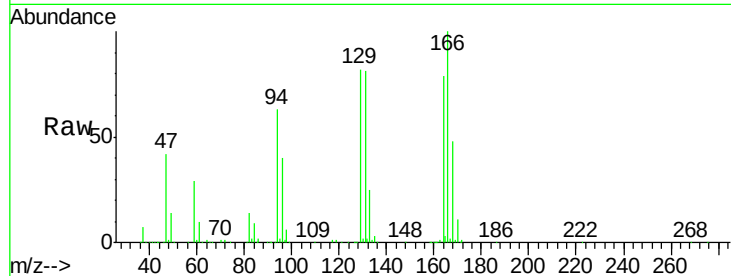




#52
Tetrachloroethene
Concen: 10.966 ppbv
RT: 11.24 min Scan# 2630
Delta R.T. -0.02 min
Lab File: VL035039.D
Acq: 15 May 2020 9:59

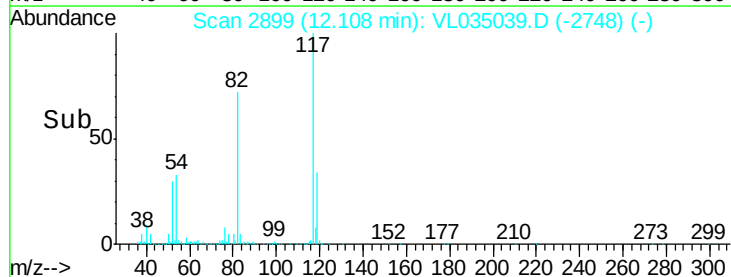
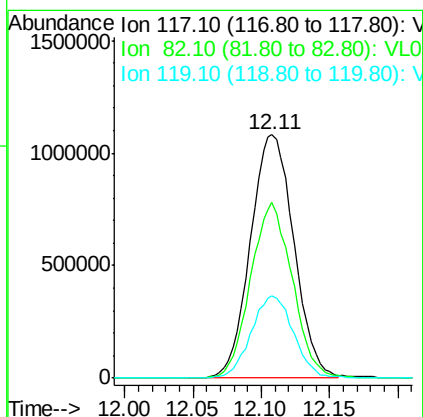
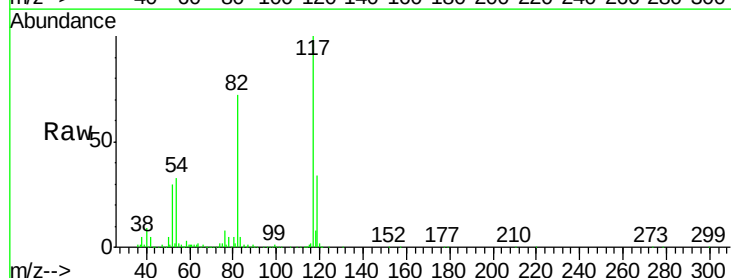
Instrument :
MSVOA_L
ClientSampleId :
SG-OFF-SITEDL

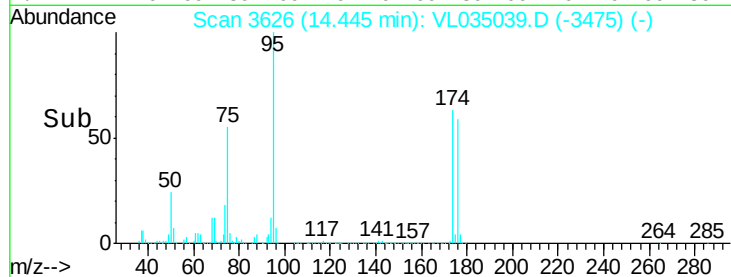
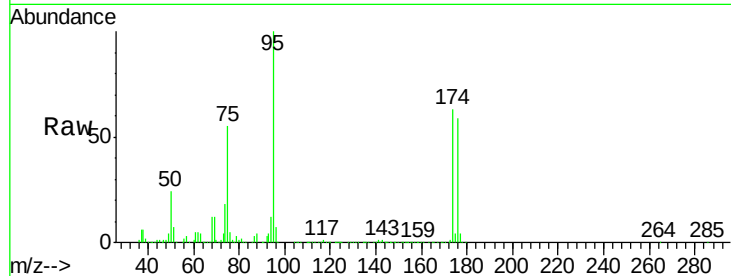
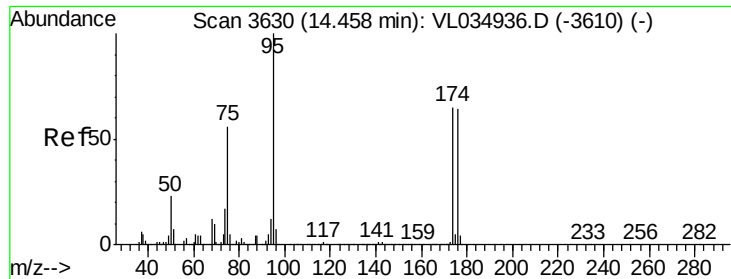
Tot Ion	Ratio	Lower	Upper
164	100		
166	126.9	100.7	151.1
129	104.6	83.0	124.4
131	102.9	81.0	121.4



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.01 min
Lab File: VL035039.D
Acq: 15 May 2020 9:59

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.6	53.1	79.7
119	33.0	26.7	40.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.478 ppbv

RT: 14.45 min Scan# 3626

Delta R.T. -0.01 min

Lab File: VL035039.D

Acq: 15 May 2020 9:59

Instrument :

MSVOA_L

ClientSampleId :

SG-OFF-SITEDL

Tot Ion: 95 Resp: 2028969

Ion Ratio Lower Upper

95 100

174 64.3 51.5 77.3

175 4.9 3.8 5.8

