

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073120\
 Data File : VL035312.D
 Acq On : 31 Jul 2020 21:21
 Operator : SY/AP
 Sample : CAN 10280
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10280

Quant Time: Aug 01 03:54:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 07:14:29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1081132	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2663300	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2477848	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2021139	10.21	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%

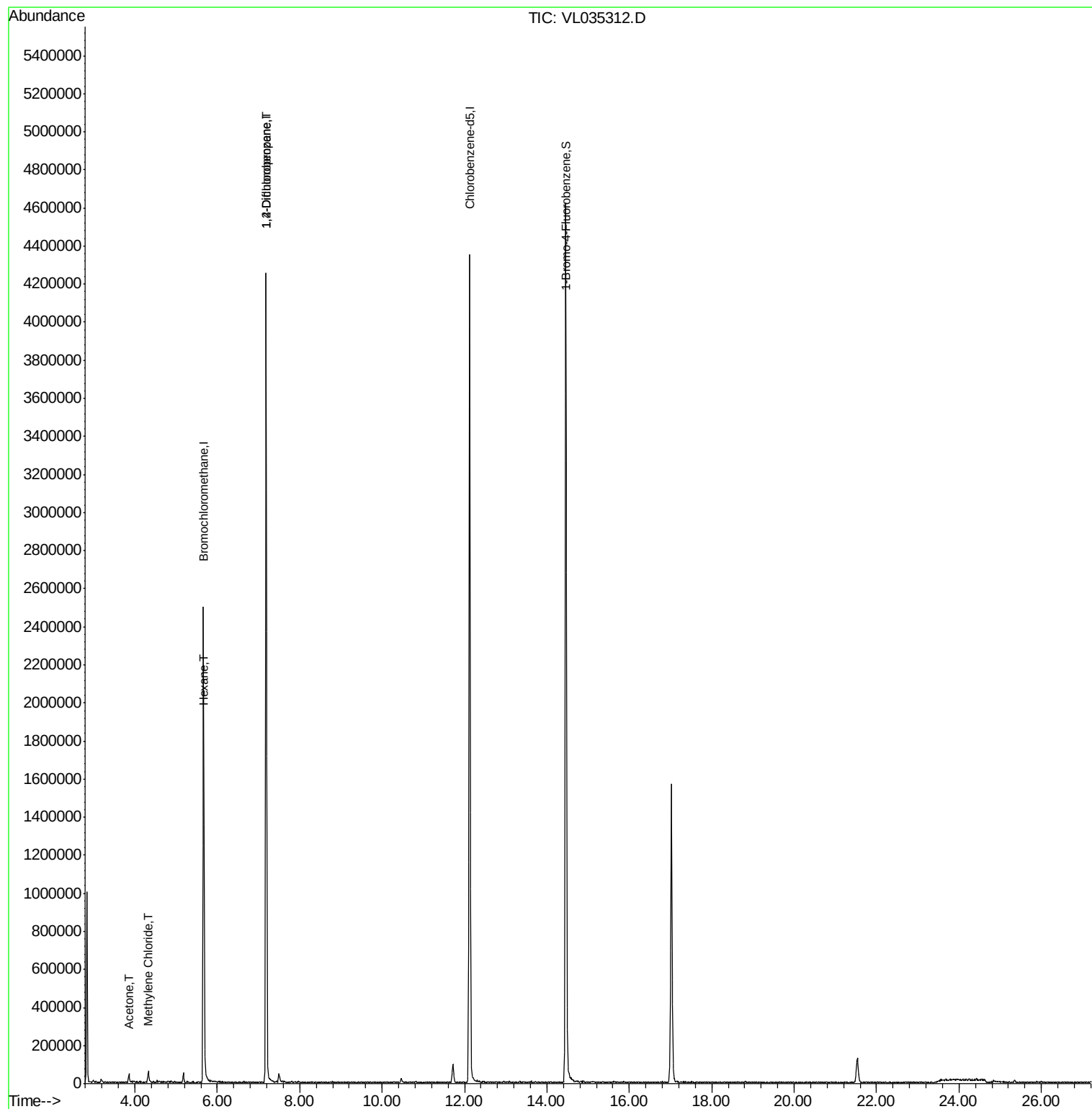
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	35092	0.243	ppbv #	38
20) Methylene Chloride	4.32	84	16012	0.244	ppbv	92
26) Hexane	5.68	57	3460	0.034	ppbv #	37
39) 1,2-Dichloropropane	7.19	63	721646	9.772	ppbv #	23

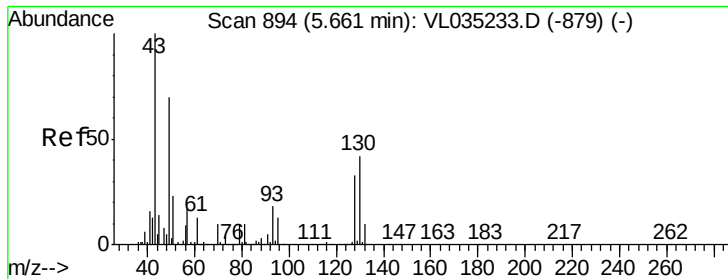
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL073120\
Data File : VL035312.D
Acq On : 31 Jul 2020 21:21
Operator : SY/AP
Sample : CAN 10280
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10280

Quant Time: Aug 01 03:54:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.00 min

Lab File: VL035312.D

Acq: 31 Jul 2020 21:21

Instrument :

MSVOA_L

ClientSampleId :

CAN 10280

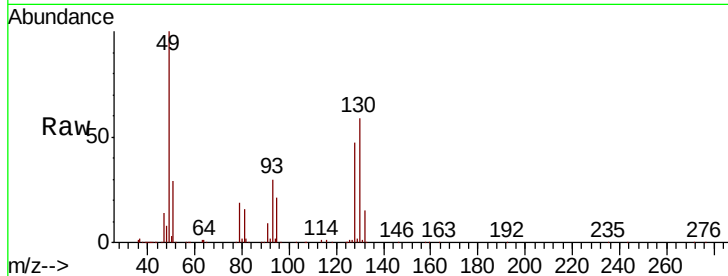
Tot Ion: 49 Resp: 1081132

Ion Ratio Lower Upper

49 100

128 50.6 24.0 72.0

130 65.1 30.7 92.1



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

5.66

800000

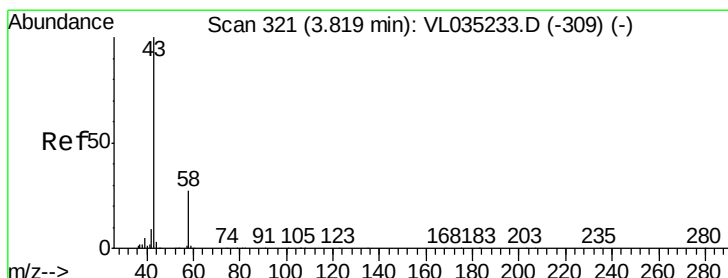
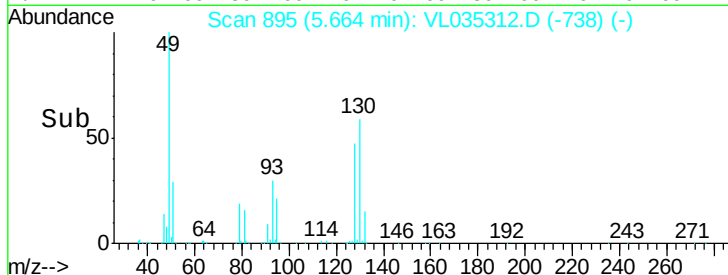
600000

400000

200000

0

Time-->



#15

Acetone

Concen: 0.243 ppbv

RT: 3.84 min Scan# 329

Delta R.T. 0.03 min

Lab File: VL035312.D

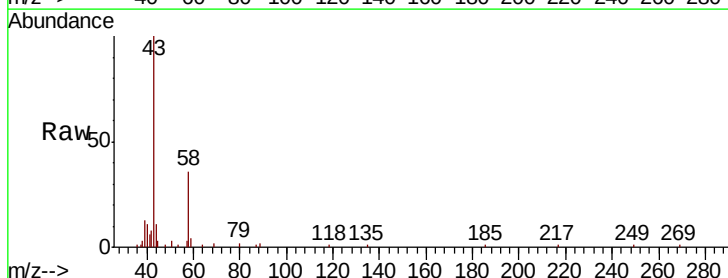
Acq: 31 Jul 2020 21:21

Tgt Ion: 43 Resp: 35092

Ion Ratio Lower Upper

43 100

58 59.6 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

3.84

25000

20000

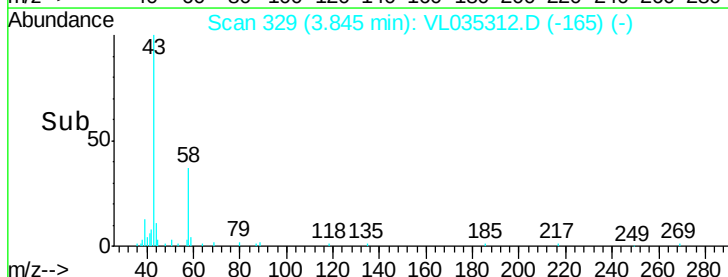
15000

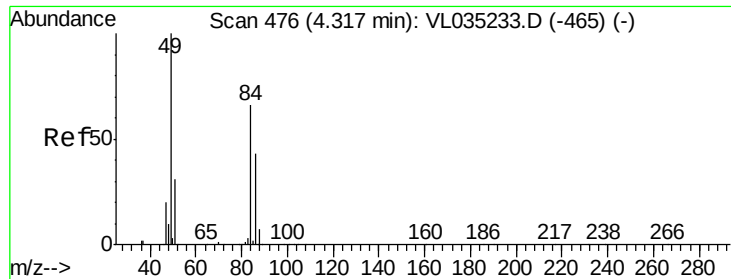
10000

5000

0

Time-->

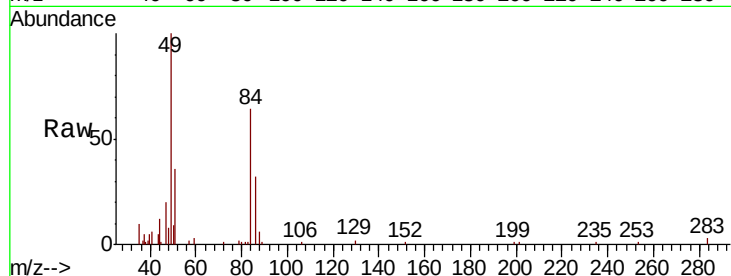




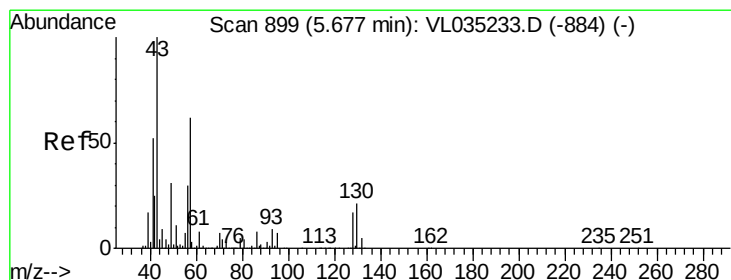
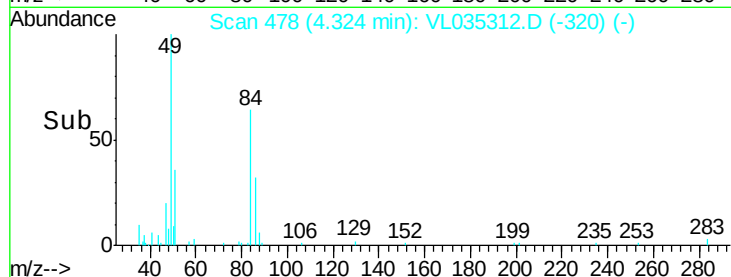
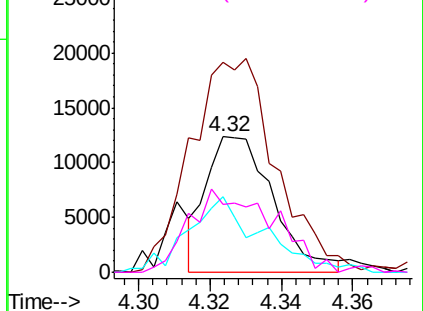
#20
Methylene Chloride
Concen: 0.244 ppbv
RT: 4.32 min Scan# 478
Delta R.T. 0.01 min
Lab File: VL035312.D
Acq: 31 Jul 2020 21:21

Instrument :
MSVOA_L
ClientSampleId :
CAN 10280

Tot Ion:	84	Resp:	16012
Ion	Ratio	Lower	Upper
84	100		
49	155.5	121.0	181.4
51	56.3	37.7	56.5
86	54.9	52.2	78.4

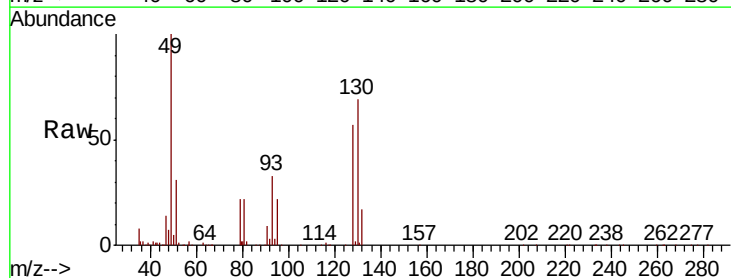


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

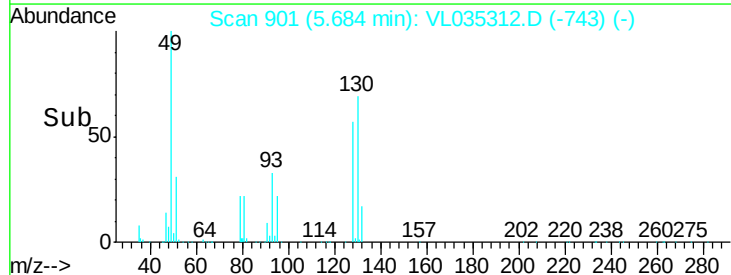
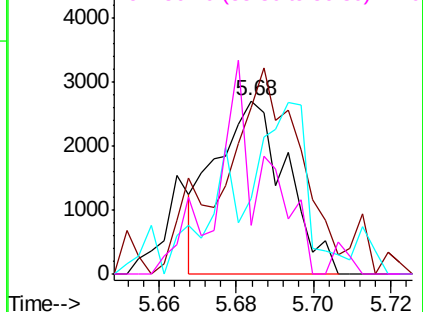


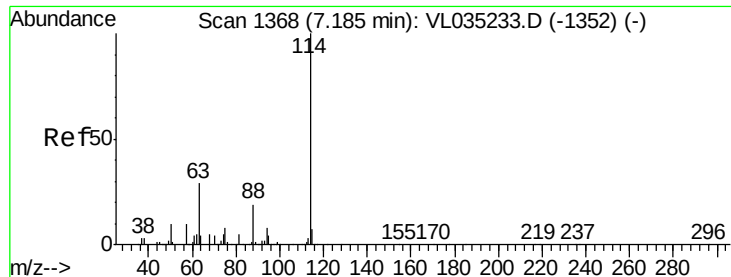
#26
Hexane
Concen: 0.034 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.01 min
Lab File: VL035312.D
Acq: 31 Jul 2020 21:21

Tgt Ion:	57	Resp:	3460
Ion	Ratio	Lower	Upper
57	100		
41	145.5	73.9	110.9#
43	112.2	177.6	266.4#
56	92.6	43.0	64.4#



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

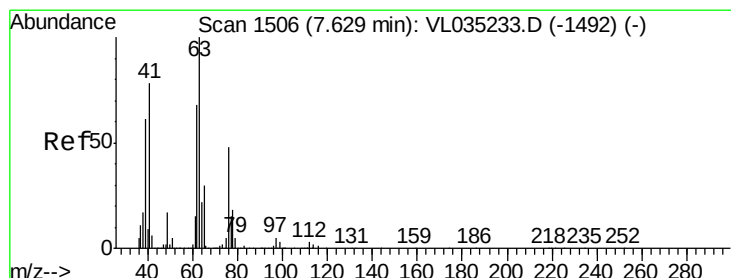
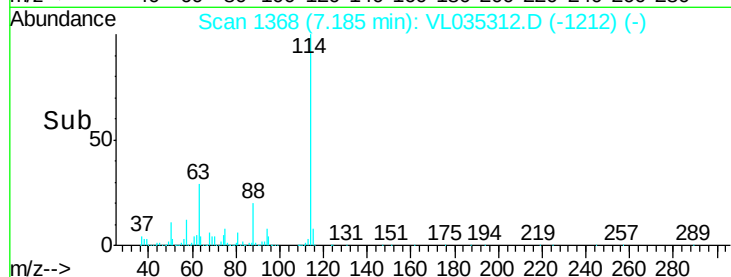
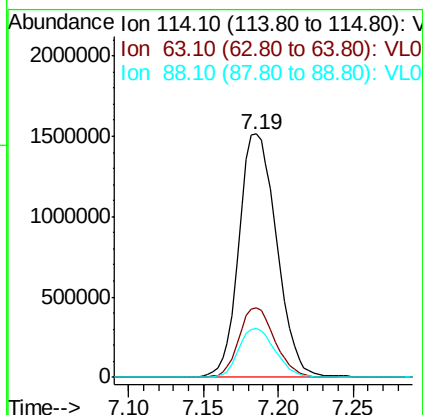
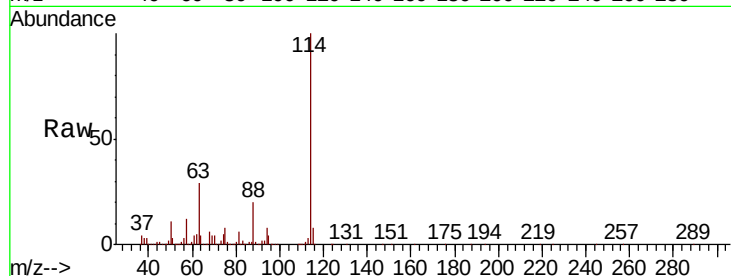




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VL035312.D
 Acq: 31 Jul 2020 21:21

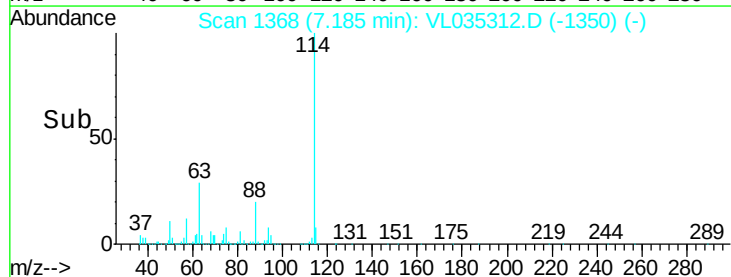
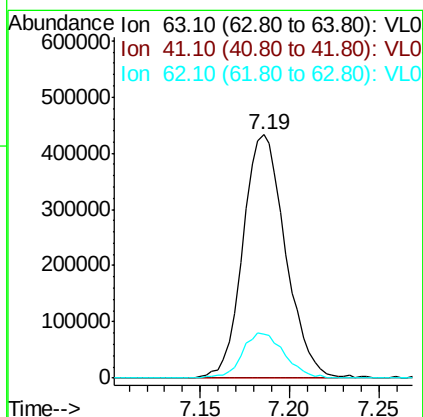
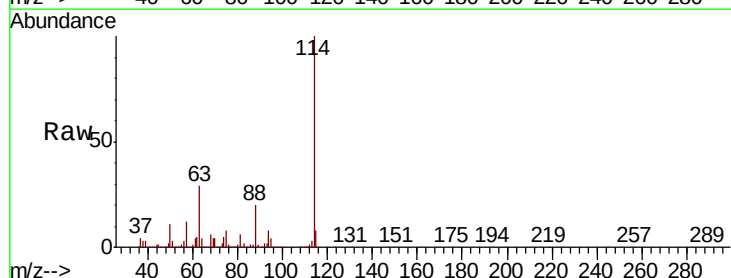
Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10280

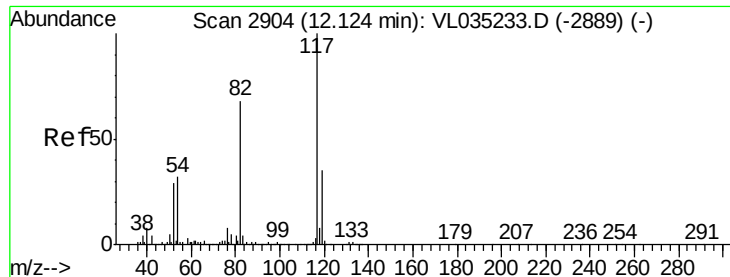
Tot Ion:114 Resp: 2663300
 Ion Ratio Lower Upper
 114 100
 63 27.2 22.2 33.2
 88 19.6 15.4 23.0



#39
 1,2-Dichloropropane
 Concen: 9.772 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.44 min
 Lab File: VL035312.D
 Acq: 31 Jul 2020 21:21

Tgt Ion: 63 Resp: 721646
 Ion Ratio Lower Upper
 63 100
 41 0.1 62.2 93.4#
 62 17.9 54.2 81.2#

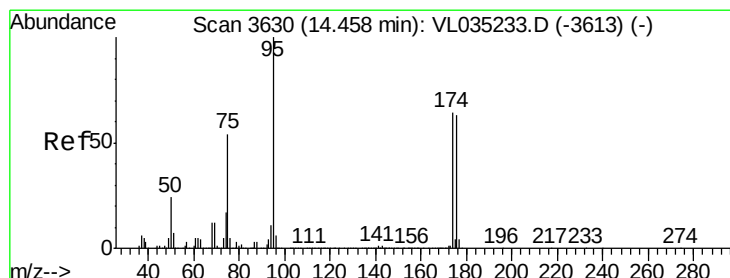
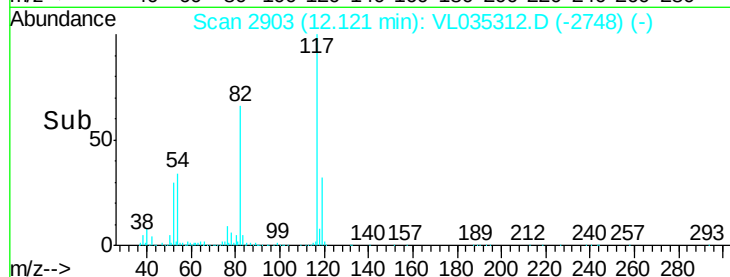
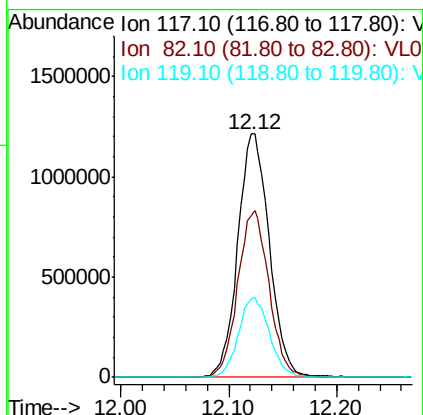
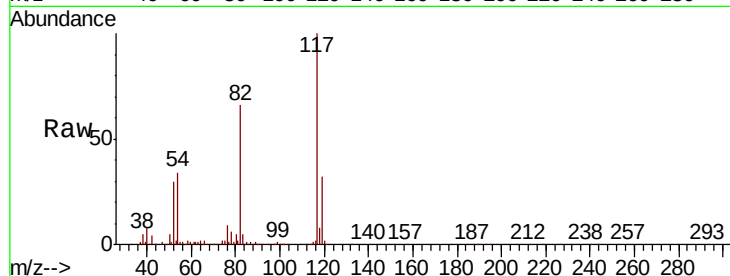




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2903
Delta R.T. -0.00 min
Lab File: VL035312.D
Acq: 31 Jul 2020 21:21

Instrument :
MSVOA_L
ClientSampleId :
CAN 10280

Tot Ion:117 Resp: 2477848
Ion Ratio Lower Upper
117 100
82 68.1 52.4 78.6
119 32.3 24.6 36.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.208 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VL035312.D
Acq: 31 Jul 2020 21:21

Tgt Ion: 95 Resp: 2021139
Ion Ratio Lower Upper
95 100
174 64.9 52.7 79.1
175 4.7 3.9 5.9

