

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072920\
 Data File : VL035261.D
 Acq On : 30 Jul 2020 00:52
 Operator : SY/AP
 Sample : OC CAN 10198
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampled :

Quant Time: Jul 30 02:54:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	1121099	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2730628	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2569711	10.00	ppbv	0.00

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 14.46 95 2100270 10.23 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.30%

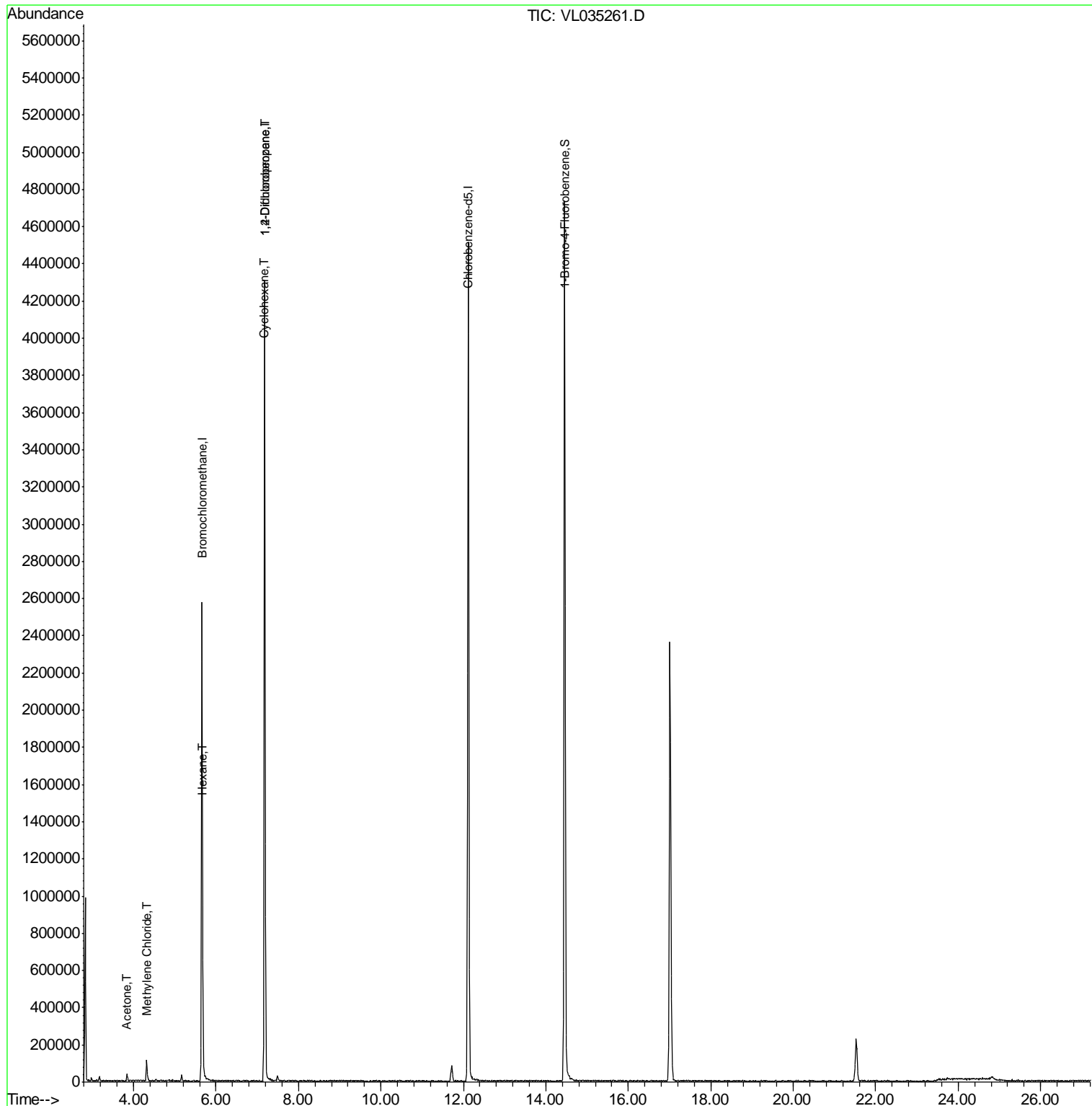
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	12615	0.084	ppbv #	48
20) Methylene Chloride	4.32	84	25006	0.367	ppbv #	91
26) Hexane	5.68	57	4121	0.039	ppbv #	16
30) Cyclohexane	7.16	84	4148	0.055	ppbv #	9
39) 1,2-Dichloropropane	7.18	63	761771	10.061	ppbv #	23

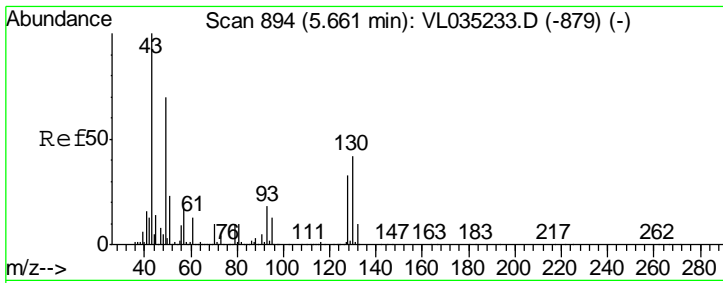
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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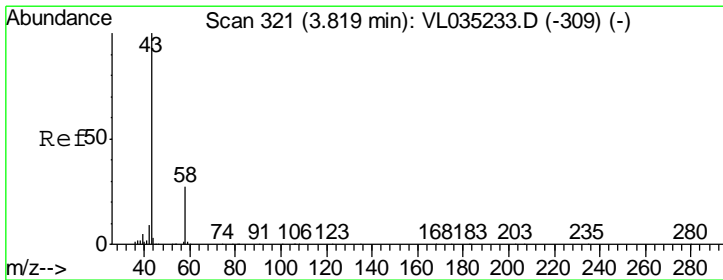
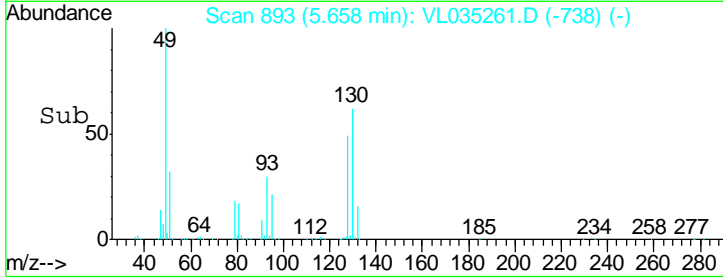
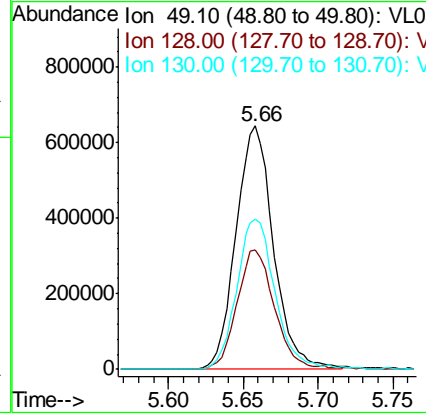
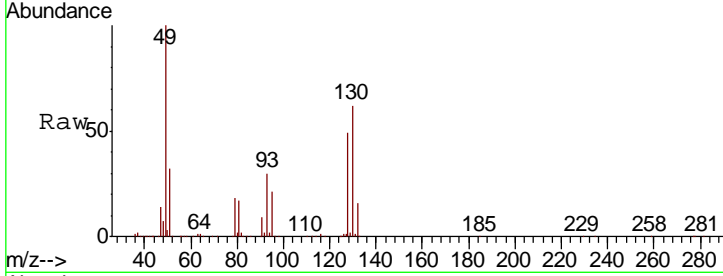




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: VL035261.D
 Acq: 30 Jul 2020 00:52

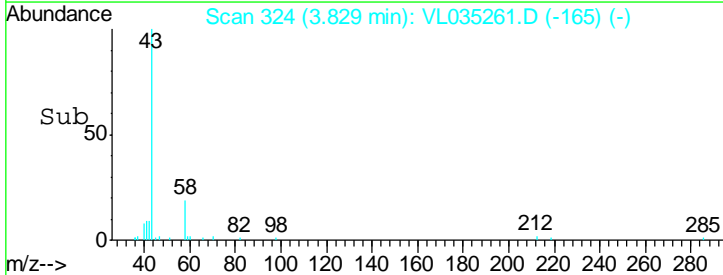
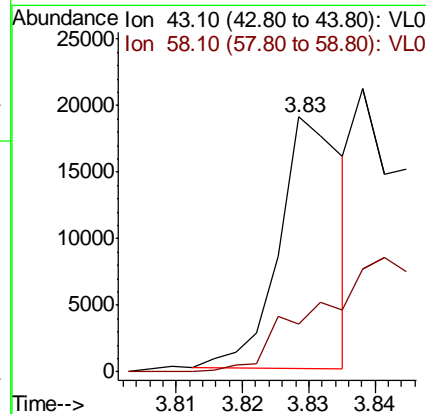
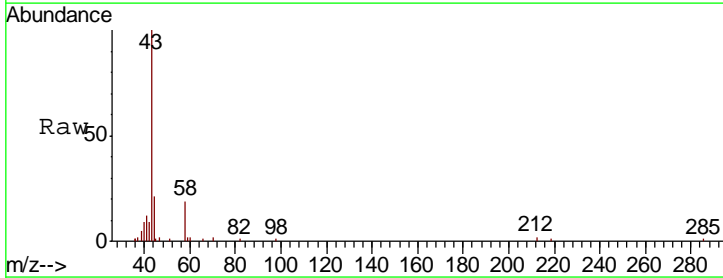
Instrument :
 MSVOA_L
 ClientSampled :

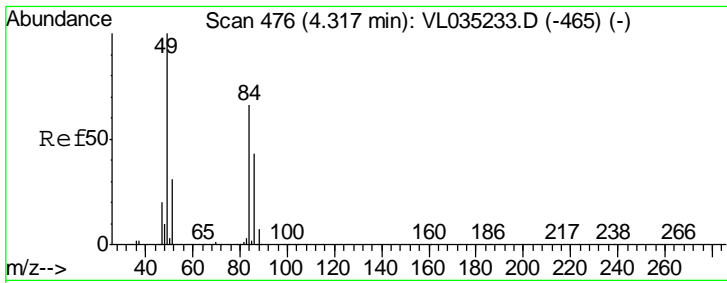
Tgt Ion	Resp	Lower	Upper
49	100		
128	50.0	24.0	72.0
130	64.2	30.7	92.1



#15
 Acetone
 Concen: 0.084 ppbv
 RT: 3.83 min Scan# 324
 Delta R.T. 0.01 min
 Lab File: VL035261.D
 Acq: 30 Jul 2020 00:52

Tgt Ion	Resp	Lower	Upper
43	100		
58	0.0	21.8	32.6#

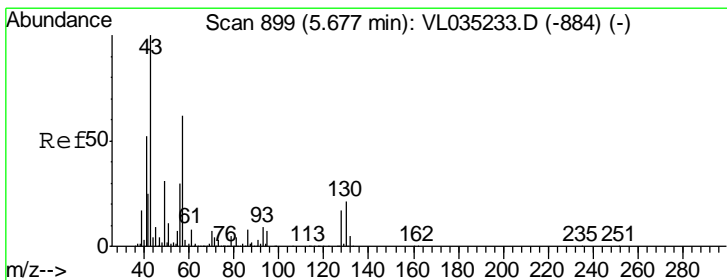
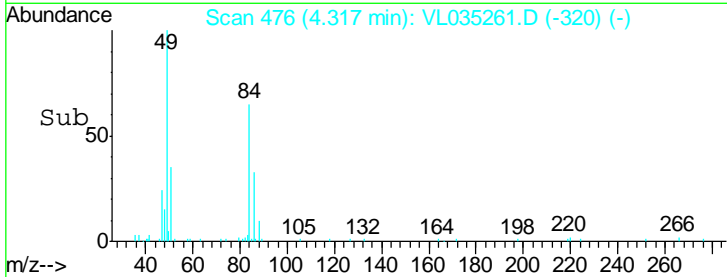
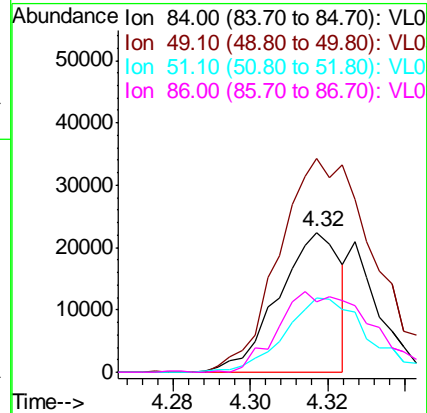
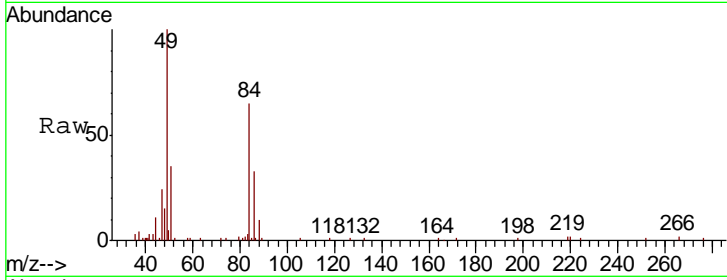




#20
 Methylene Chloride
 Concen: 0.367 ppbv
 RT: 4.32 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: VL035261.D
 Acq: 30 Jul 2020 00:52

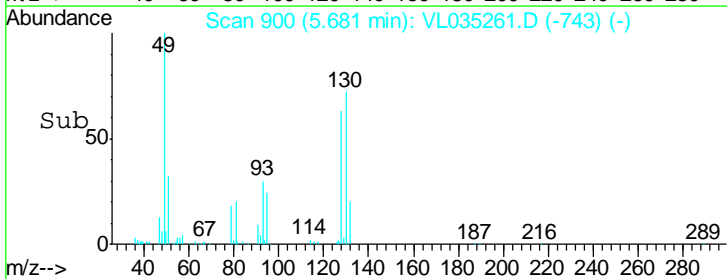
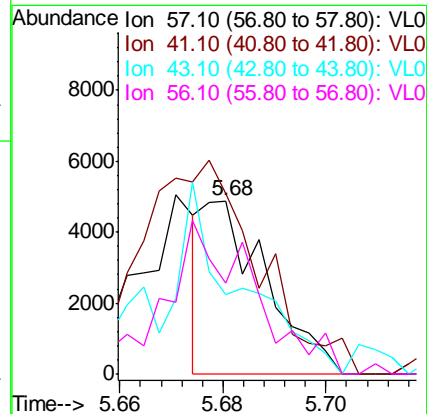
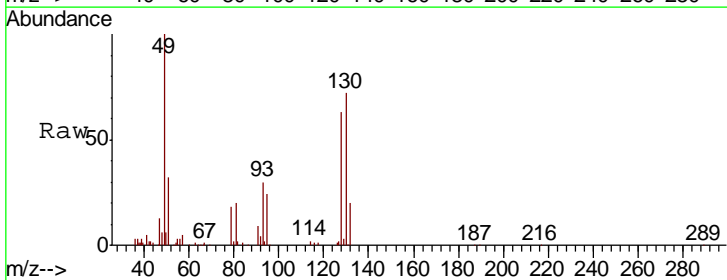
Instrument :
 MSVOA_L
 ClientSampled :

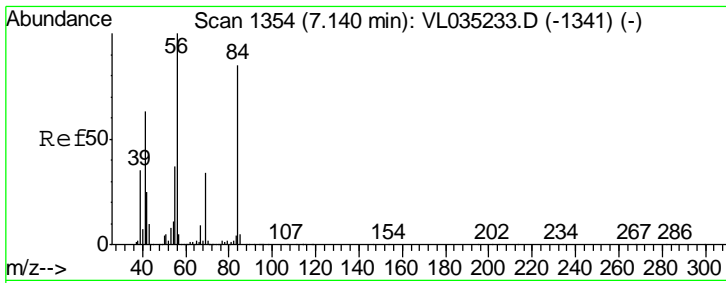
Tgt Ion	Resp	Lower	Upper
84	100		
49	157.9	121.0	181.4
51	52.8	37.7	56.5
86	50.9	52.2	78.4#



#26
 Hexane
 Concen: 0.039 ppbv
 RT: 5.68 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VL035261.D
 Acq: 30 Jul 2020 00:52

Tgt Ion	Resp	Lower	Upper
57	100		
41	237.8	73.9	110.9#
43	140.5	177.6	266.4#
56	130.0	43.0	64.4#

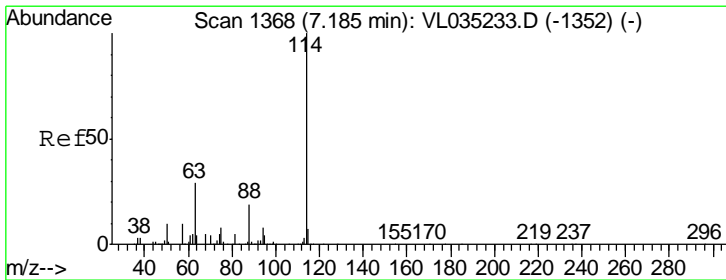
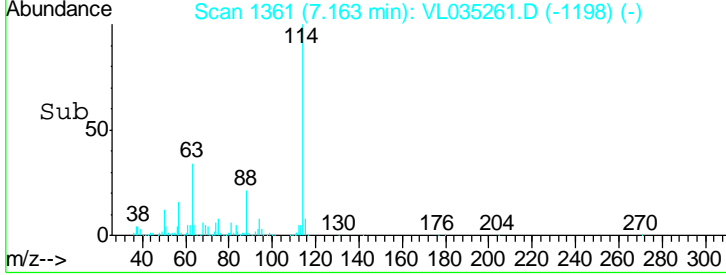
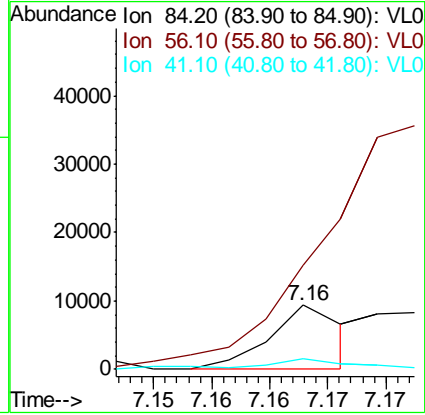
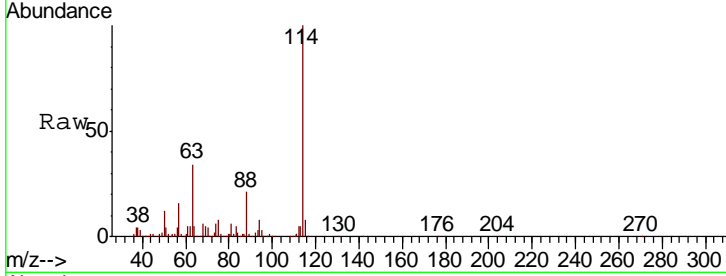




#30
 Cyclohexane
 Concen: 0.055 ppbv
 RT: 7.16 min Scan# 1361
 Delta R.T. 0.02 min
 Lab File: VL035261.D
 Acq: 30 Jul 2020 00:52

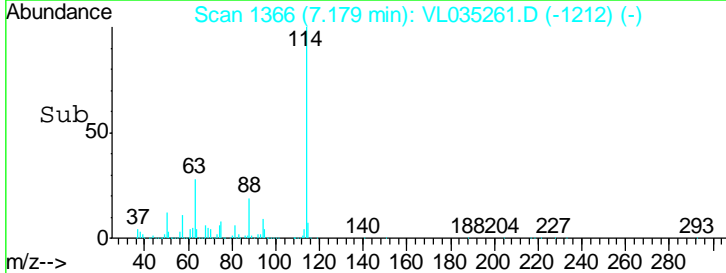
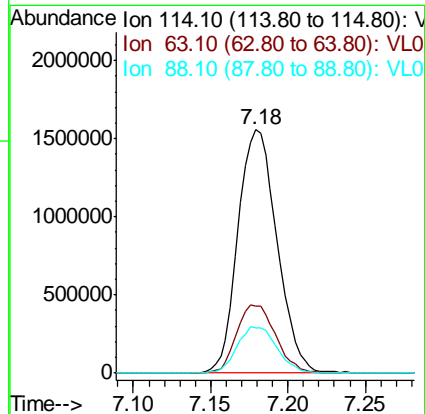
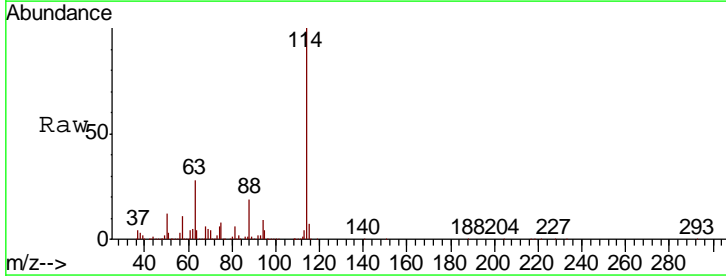
Instrument :
 MSVOA_L
 ClientSampled :

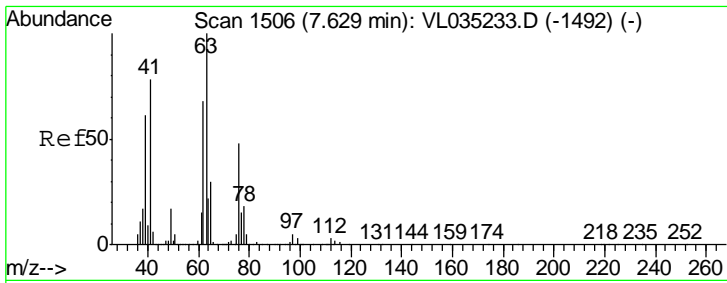
Tgt Ion	Resp	Lower	Upper
84	4148		
84	100		
56	0.0	104.2	156.2#
41	29.5	63.7	95.5#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: VL035261.D
 Acq: 30 Jul 2020 00:52

Tgt Ion	Resp	Lower	Upper
114	2730628		
114	100		
63	28.2	22.2	33.2
88	19.5	15.4	23.0

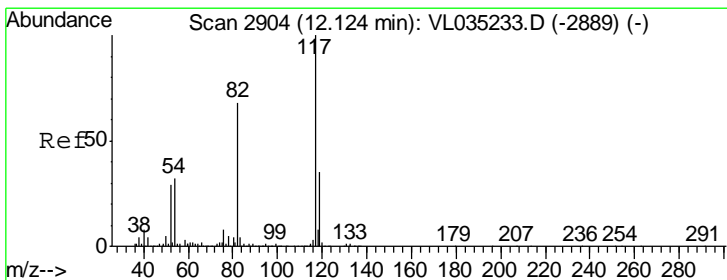
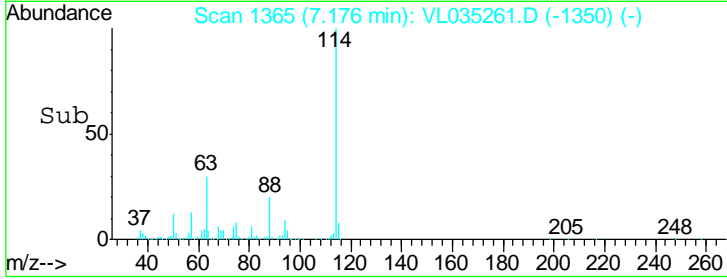
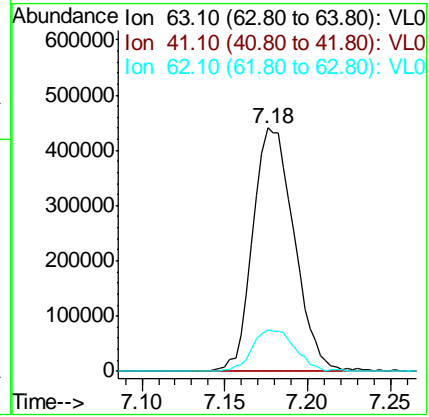
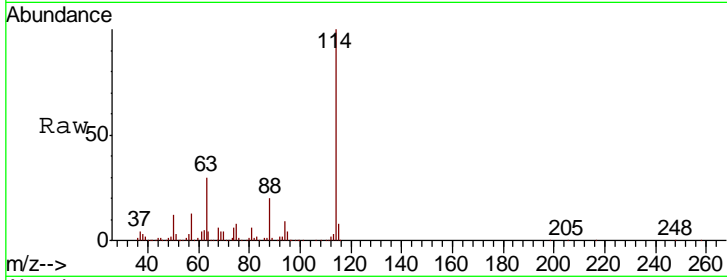




#39
 1,2-Dichloropropane
 Concen: 10.061 ppbv
 RT: 7.18 min Scan# 1365
 Delta R.T. -0.45 min
 Lab File: VL035261.D
 Acq: 30 Jul 2020 00:52

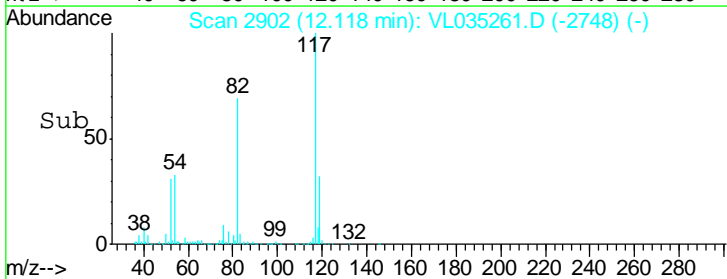
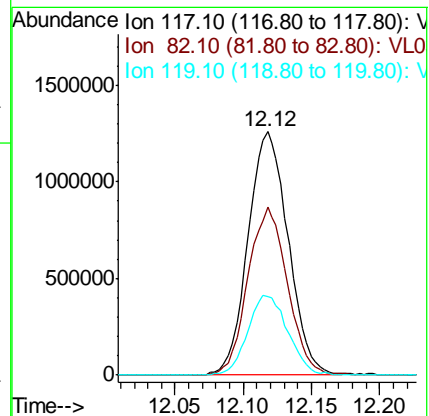
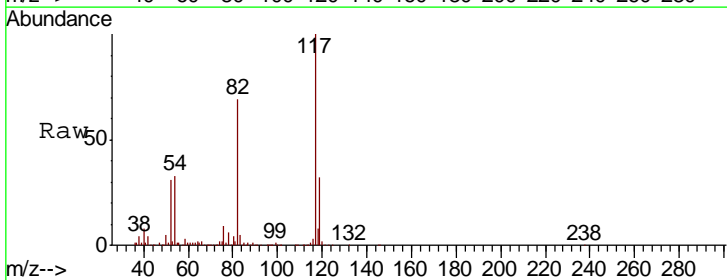
Instrument :
 MSVOA_L
 ClientSampled :

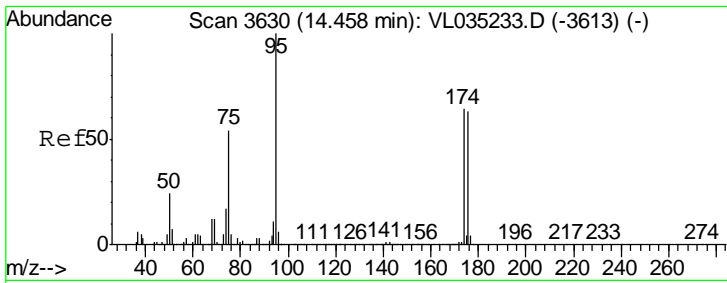
Tgt Ion	Resp	Lower	Upper
63	100		
41	0.1	62.2	93.4#
62	17.2	54.2	81.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.12 min Scan# 2902
 Delta R.T. -0.01 min
 Lab File: VL035261.D
 Acq: 30 Jul 2020 00:52

Tgt Ion	Resp	Lower	Upper
117	100		
82	68.3	52.4	78.6
119	32.9	24.6	36.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.228 ppbv
 RT: 14.46 min Scan# 3629
 Delta R.T. -0.00 min
 Lab File: VL035261.D
 Acq: 30 Jul 2020 00:52

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion: 95 Resp: 2100270

Ion	Ratio	Lower	Upper
95	100		
174	64.9	52.7	79.1
175	4.7	3.9	5.9

