

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037220.D
 Acq On : 22 Jun 2021 17:11
 Operator : SY/AP
 Sample : OC062121 CAN 10792
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 23 01:41:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1578322	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4491909	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3918590	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2810205	9.46	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.60%

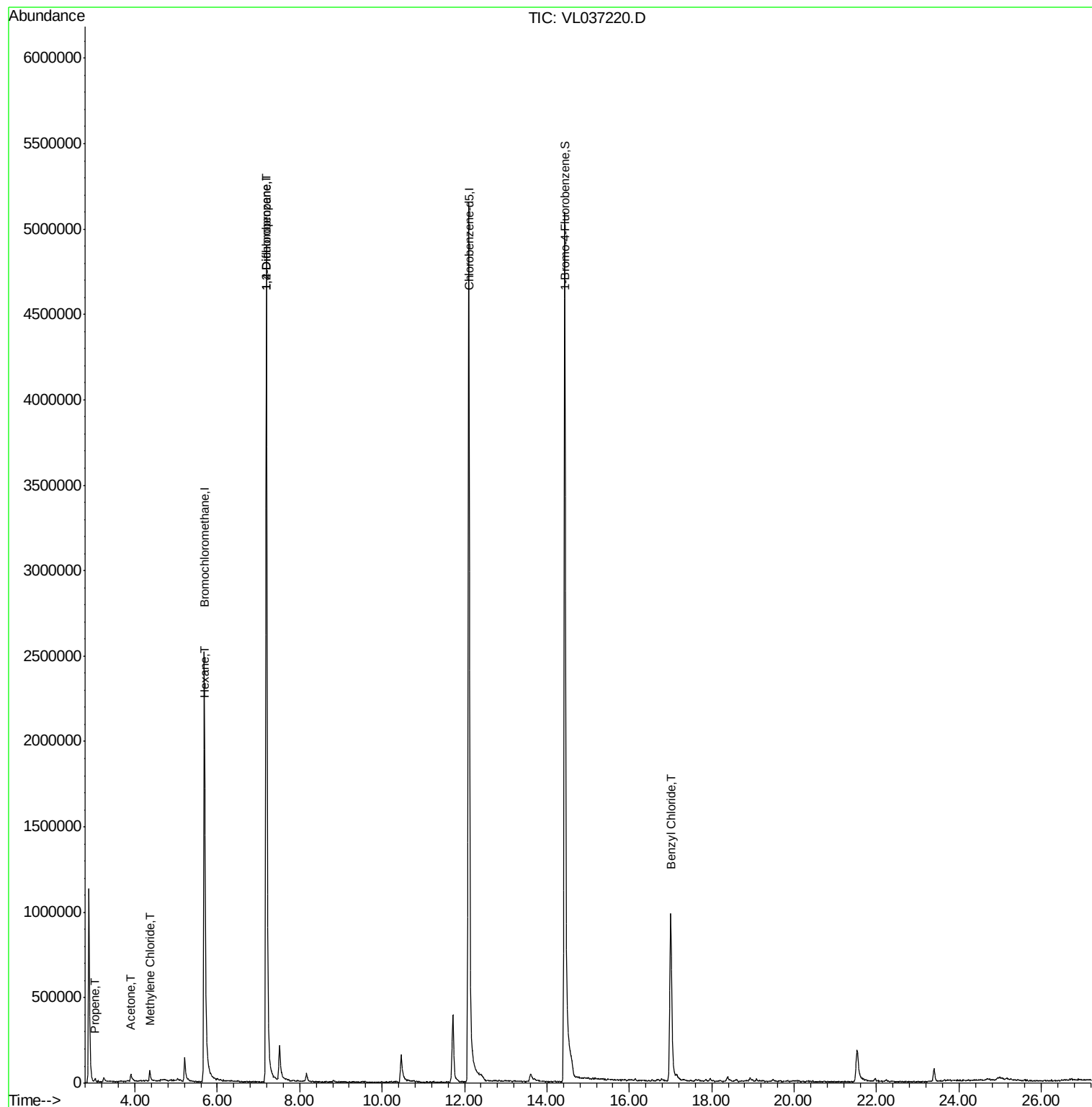
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	2506	0.026	ppbv #	1
15) Acetone	3.89	43	18641	0.105	ppbv #	45
20) Methylene Chloride	4.36	84	13556	0.127	ppbv #	89
26) Hexane	5.70	57	4733	0.024	ppbv #	38
39) 1,2-Dichloropropane	7.19	63	1086192	8.047	ppbv #	23
66) Benzyl Chloride	17.00	91	705	0.030	ppbv #	1

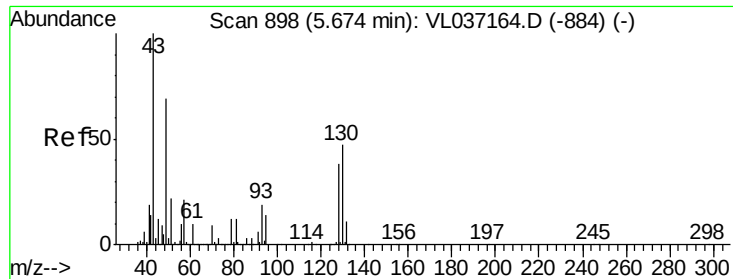
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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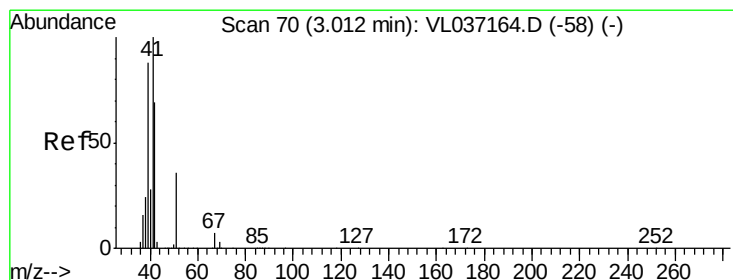
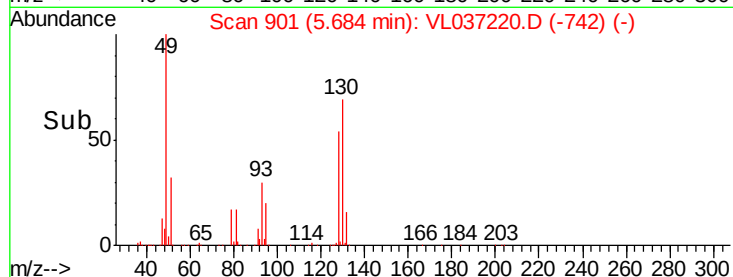
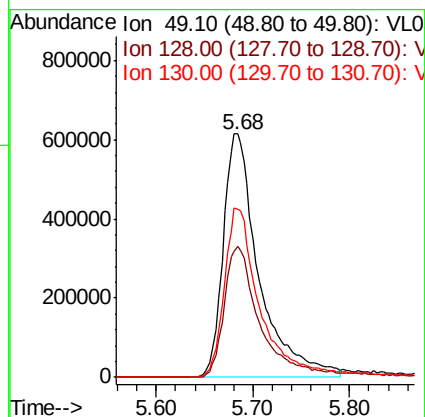
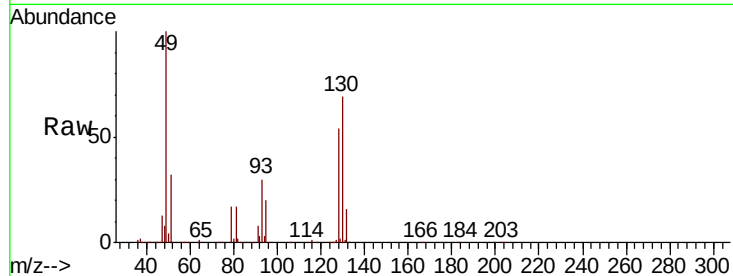




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VL037220.D
 Acq: 22 Jun 2021 17:11

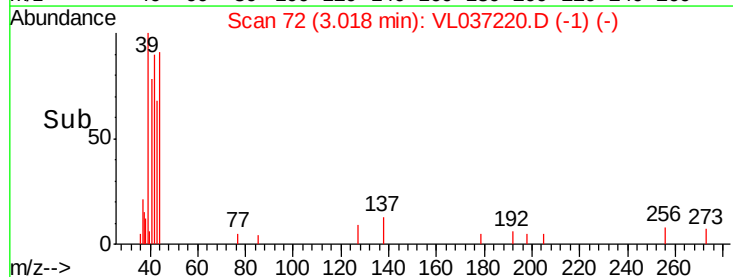
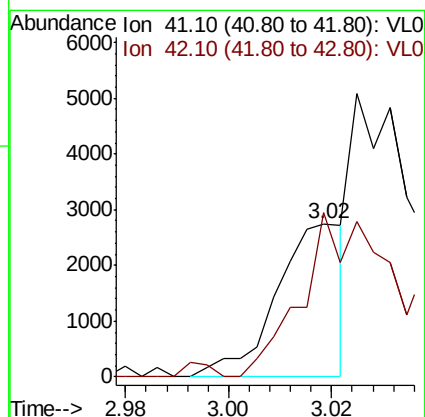
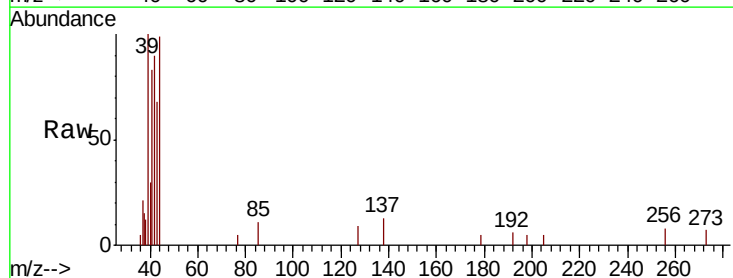
Instrument :
 MSVOA_L
 ClientSampled :

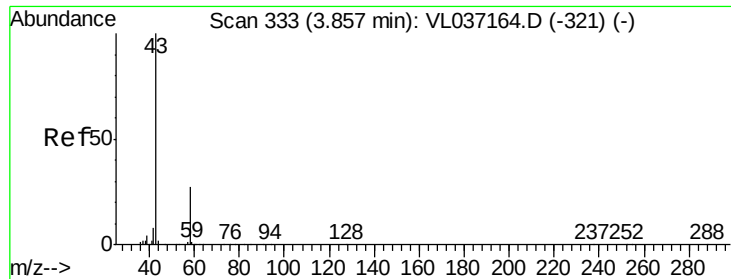
Tot Ion: 49 Resp: 1578322
 Ion Ratio Lower Upper
 49 100
 128 55.7 29.3 88.0
 130 71.0 35.9 107.8



#9
 Propene
 Concen: 0.026 ppbv
 RT: 3.02 min Scan# 72
 Delta R.T. 0.01 min
 Lab File: VL037220.D
 Acq: 22 Jun 2021 17:11

Tgt Ion: 41 Resp: 2506
 Ion Ratio Lower Upper
 41 100
 42 202.5 54.5 81.7#

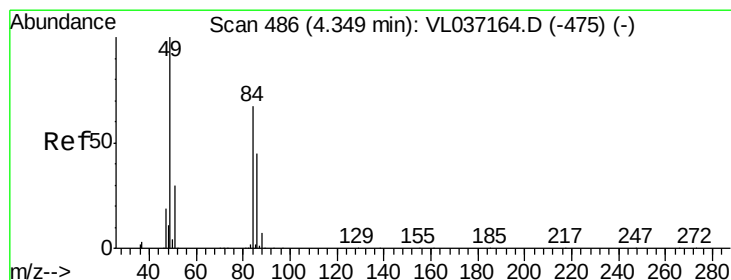
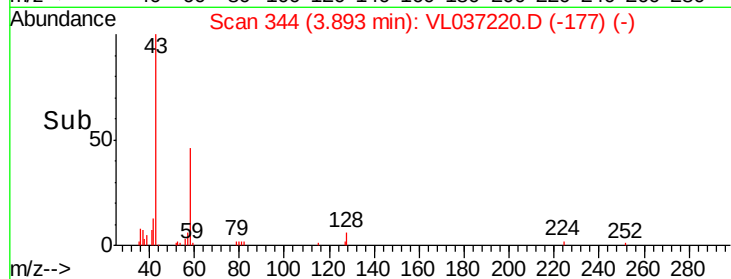
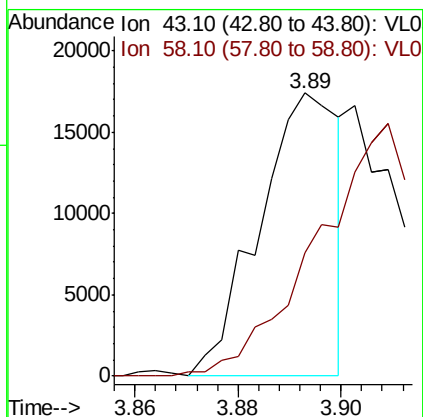
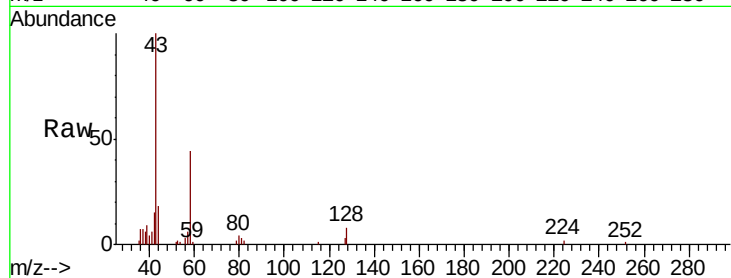




#15
Acetone
Concen: 0.105 ppbv
RT: 3.89 min Scan# 344
Delta R.T. 0.04 min
Lab File: VL037220.D
Acq: 22 Jun 2021 17:11

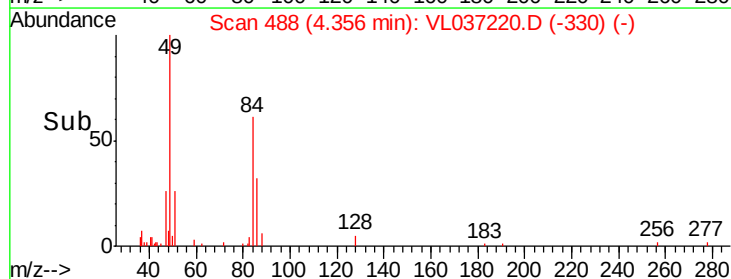
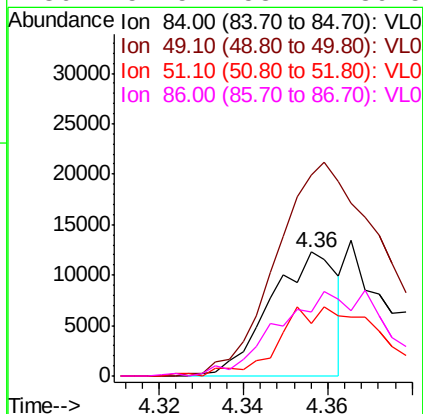
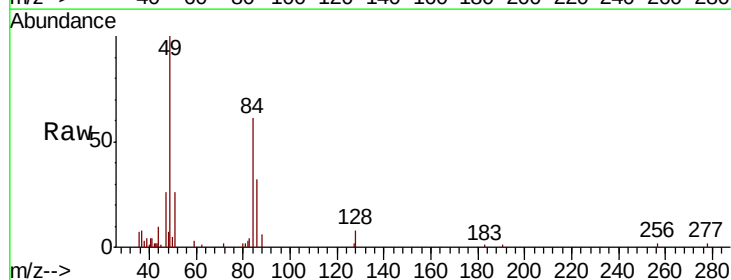
Instrument :
MSVOA_L
ClientSampleId :

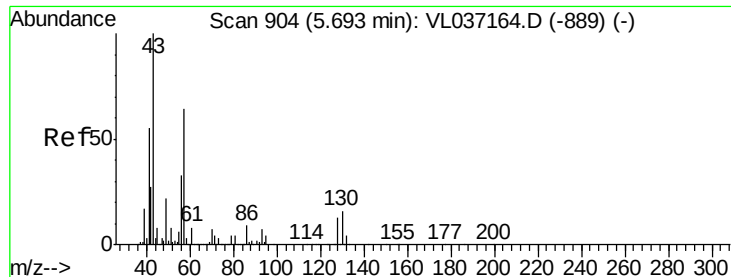
Tot Ion: 43 Resp: 18641
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#20
Methylene Chloride
Concen: 0.127 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL037220.D
Acq: 22 Jun 2021 17:11

Tgt Ion: 84 Resp: 13556
Ion Ratio Lower Upper
84 100
49 160.0 119.7 179.5
51 40.4 36.1 54.1
86 51.5 53.7 80.5#

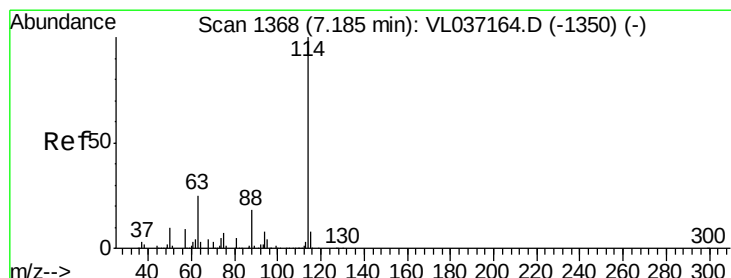
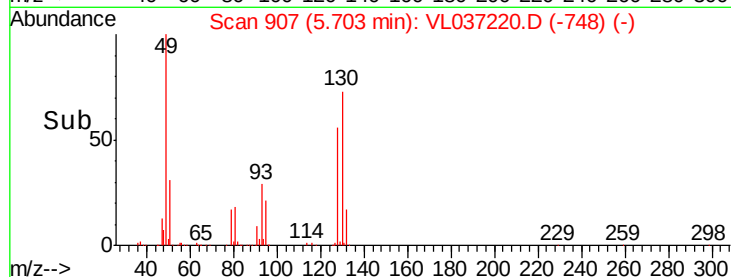
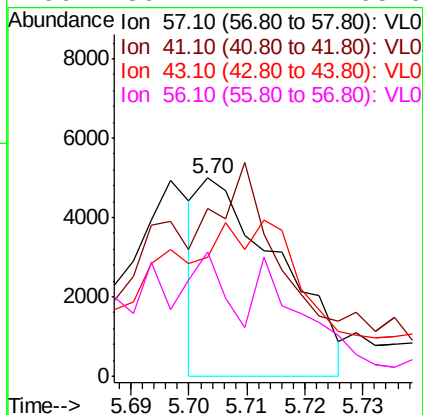
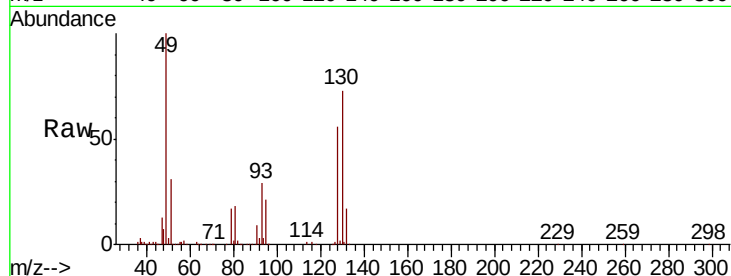




#26
Hexane
Concen: 0.024 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.01 min
Lab File: VL037220.D
Acq: 22 Jun 2021 17:11

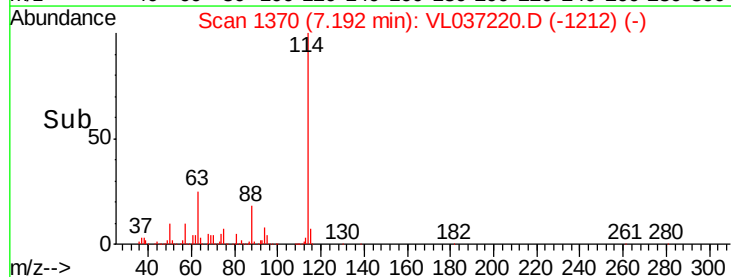
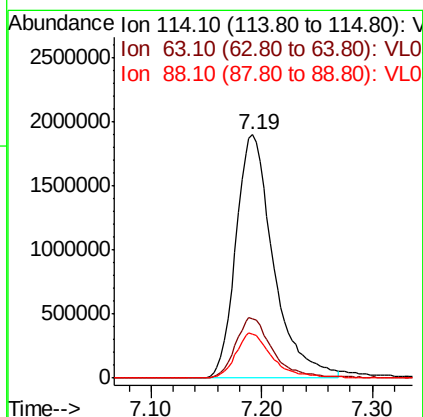
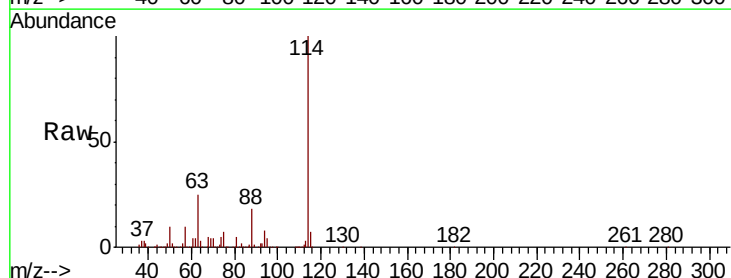
Instrument :
MSVOA_L
ClientSampleId :

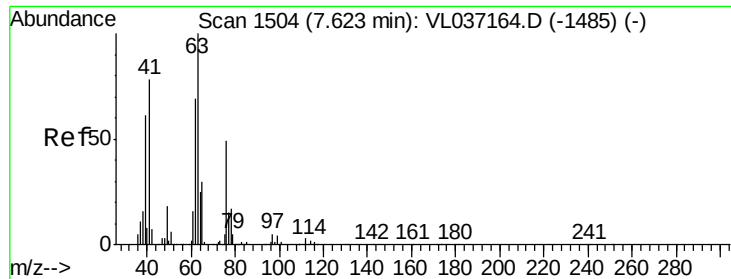
Tot Ion: 57 Resp: 4733
Ion Ratio Lower Upper
57 100
41 227.6 73.5 110.3#
43 190.0 170.7 256.1
56 130.7 42.4 63.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VL037220.D
Acq: 22 Jun 2021 17:11

Tgt Ion:114 Resp: 4491909
Ion Ratio Lower Upper
114 100
63 25.0 19.6 29.4
88 18.4 14.2 21.2



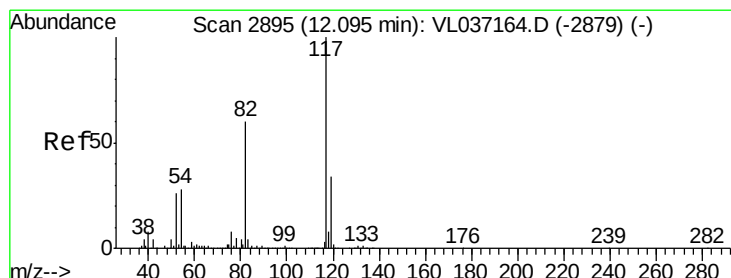
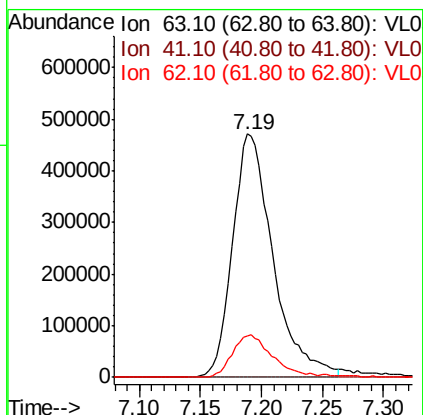
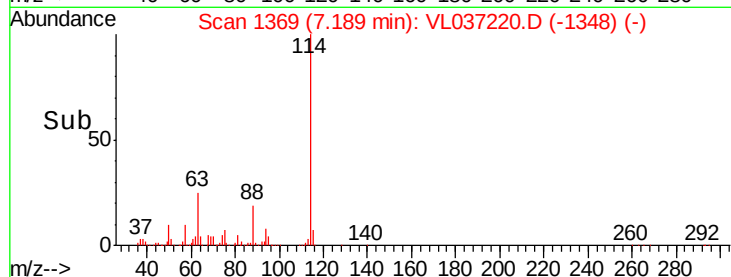
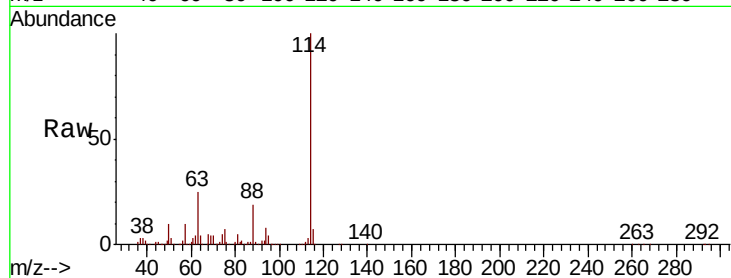


#39
 1,2-Dichloropropane
 Concen: 8.047 ppbv
 RT: 7.19 min Scan# 1369
 Delta R.T. -0.43 min
 Lab File: VL037220.D
 Acq: 22 Jun 2021 17:11

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 63 Resp: 1086192

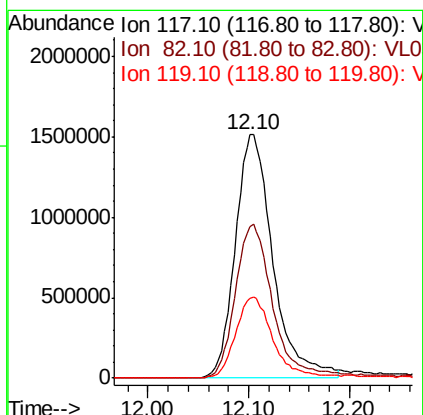
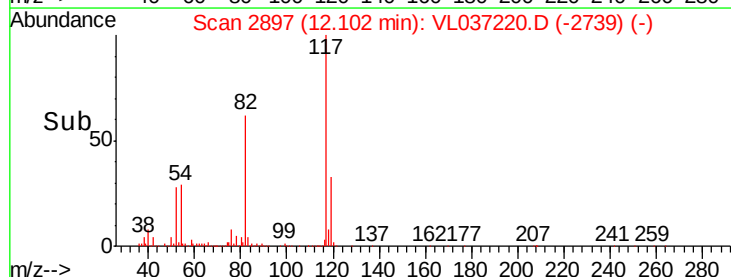
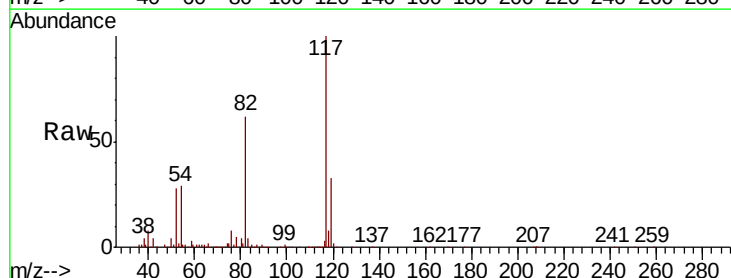
Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.0	93.0#
62	17.0	54.9	82.3#

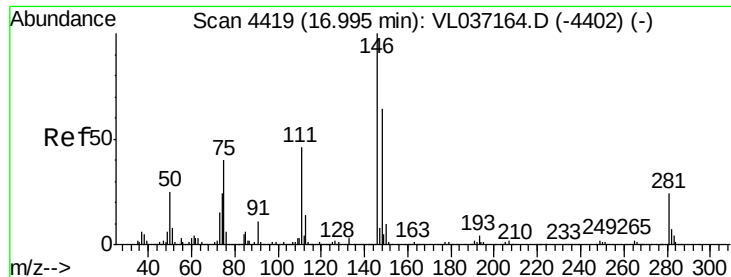


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min Scan# 2897
 Delta R.T. 0.01 min
 Lab File: VL037220.D
 Acq: 22 Jun 2021 17:11

Tgt Ion: 117 Resp: 3918590

Ion	Ratio	Lower	Upper
117	100		
82	65.8	51.7	77.5
119	34.9	47.6	71.4#

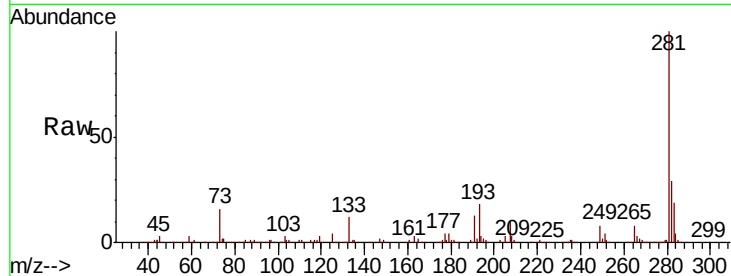




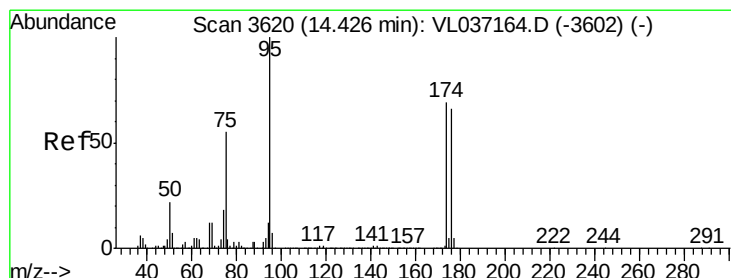
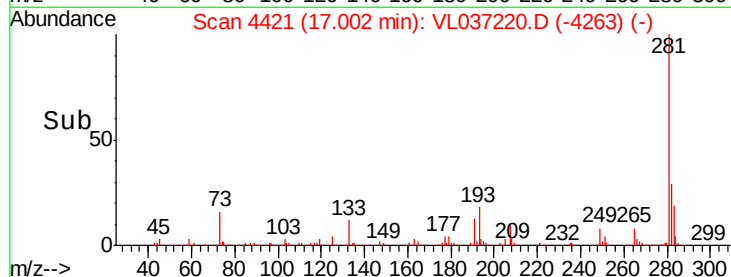
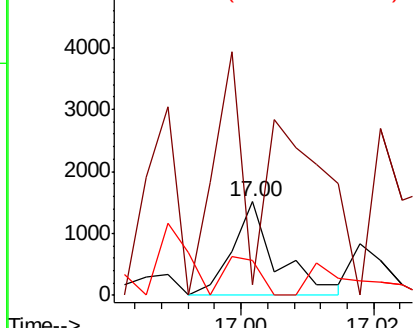
#66
Benzvl Chloride
Concen: 0.030 ppbv
RT: 17.00 min Scan# 4421
Delta R.T. 0.01 min
Lab File: VL037220.D
Acq: 22 Jun 2021 17:11

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 91 Resp: 705
Ion Ratio Lower Upper
91 100
126 1038.7 15.5 23.3#
128 0.0 5.7 8.5#

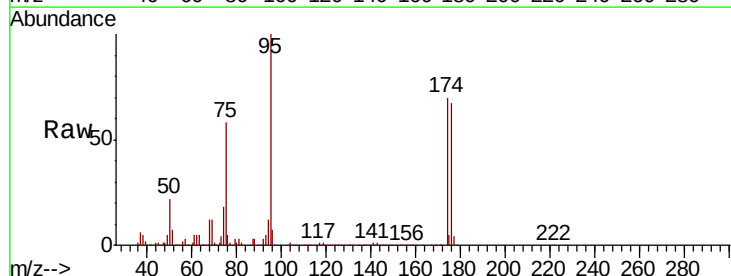


Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 126.10 (125.80 to 126.80): V
Ion 128.10 (127.80 to 128.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.464 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. 0.01 min
Lab File: VL037220.D
Acq: 22 Jun 2021 17:11

Tgt Ion: 95 Resp: 2810205
Ion Ratio Lower Upper
95 100
174 77.1 57.0 85.4
175 5.6 4.4 6.6



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

