

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030322\
 Data File : VL038521.D
 Acq On : 3 Mar 2022 19:52
 Operator : SY/AP
 Sample : CAN 10602
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10602

Quant Time: Mar 04 04:34:32 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	665035	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	1603286	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.05	117	1001876	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	741662	8.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.50%

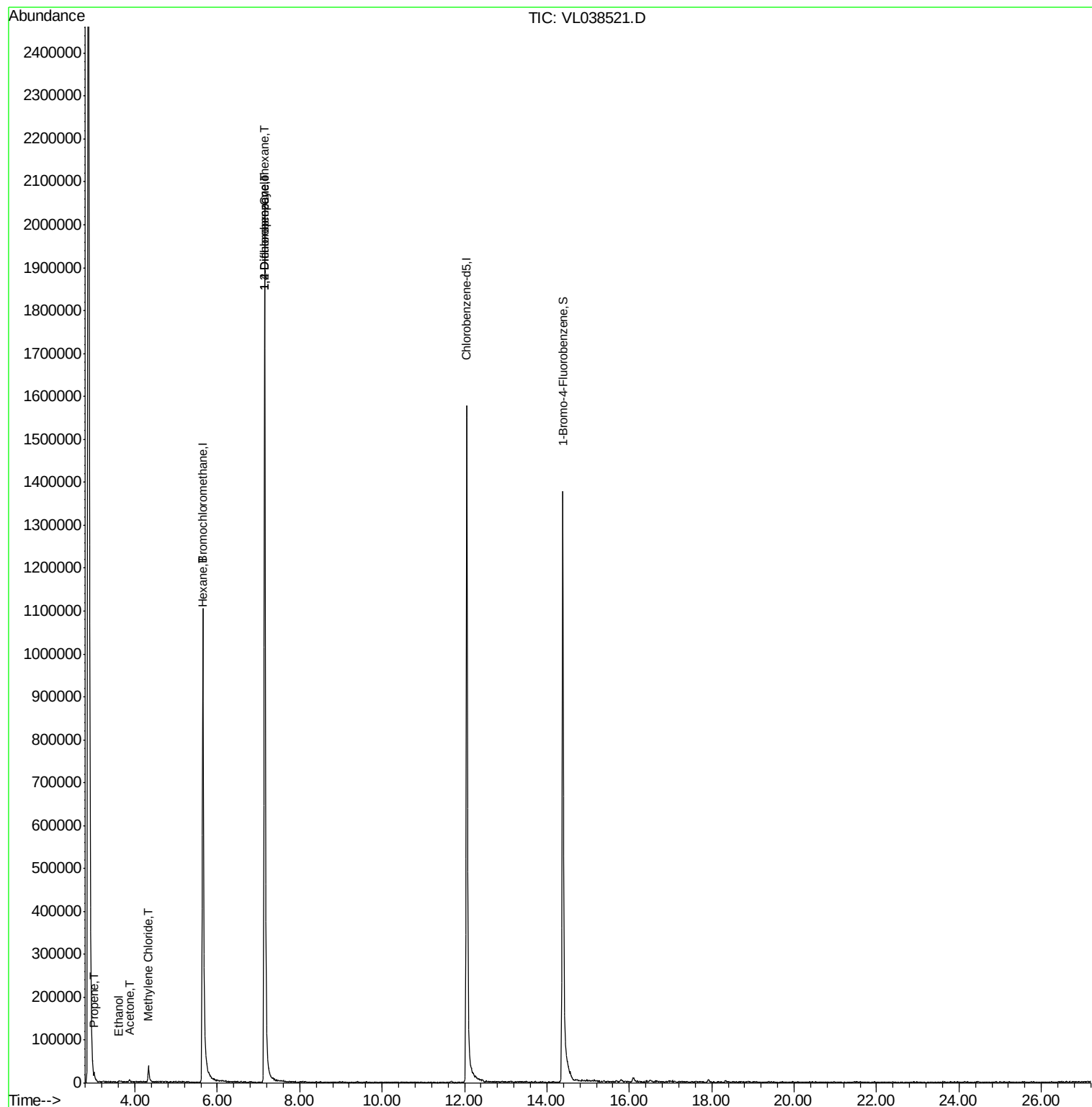
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	4076	0.105	ppbv	97
13) Ethanol	3.61	45	862	0.223	ppbv #	50
15) Acetone	3.86	43	3528	0.062	ppbv	92
20) Methylene Chloride	4.33	84	16601	0.592	ppbv #	83
26) Hexane	5.66	57	2840	0.041	ppbv #	1
30) Cyclohexane	7.13	84	2622	0.047	ppbv #	1
39) 1,2-Dichloropropane	7.15	63	438464	7.799	ppbv #	26

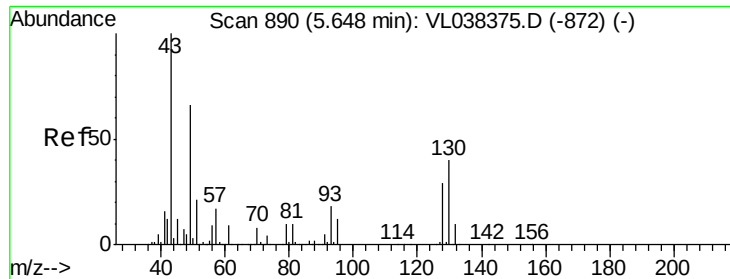
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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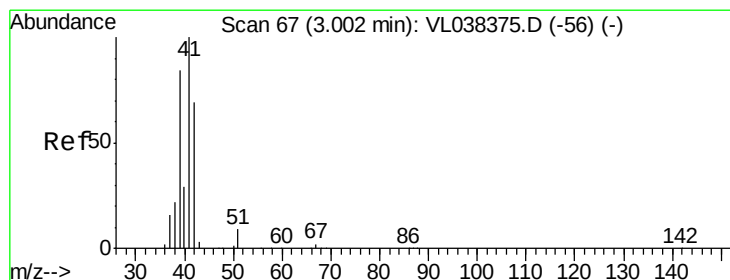
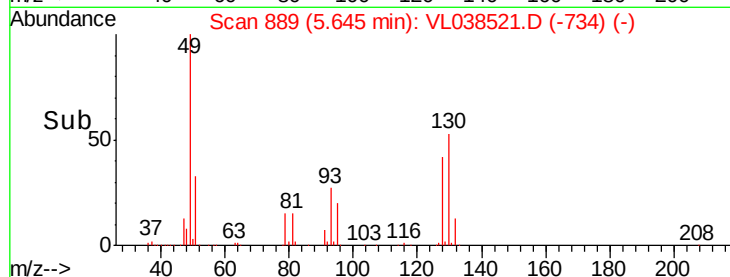
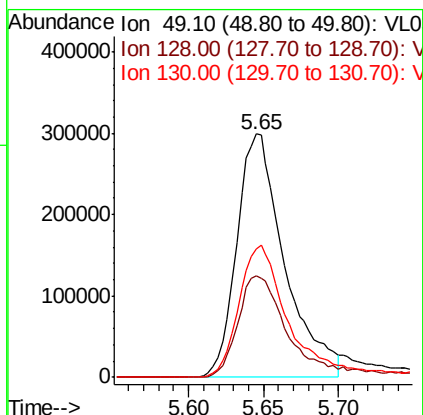
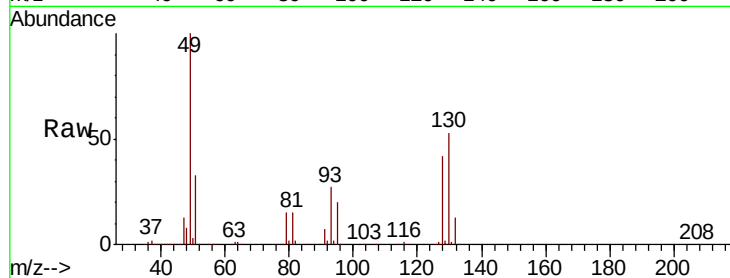
Quant Time: Mar 04 04:34:32 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
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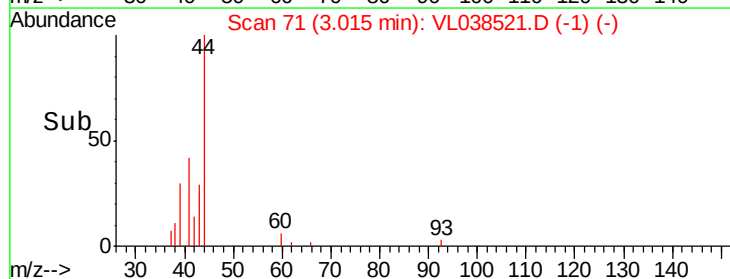
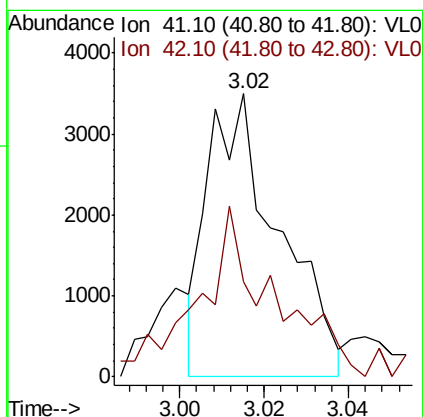
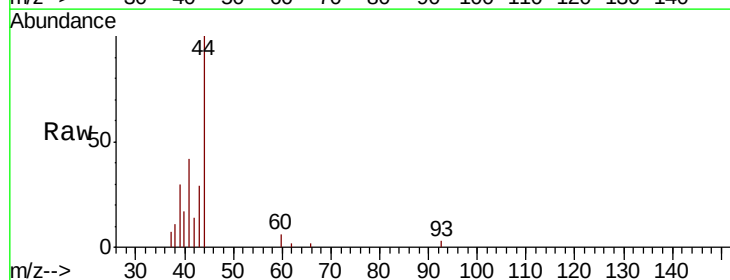
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 3 Mar 2022 19:52

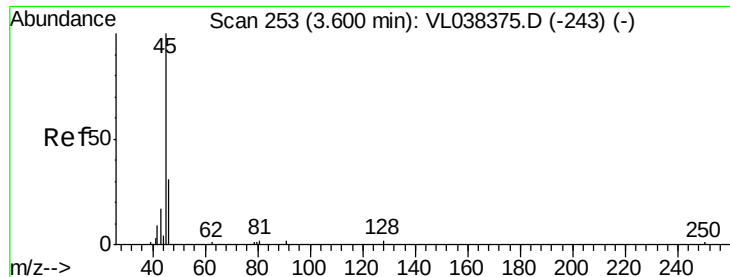
Tot Ion: 49 Resp: 665035
 Ion Ratio Lower Upper
 49 100
 128 46.3 24.3 72.9
 130 59.7 30.1 90.5



#9
 Propene
 Concen: 0.105 ppbv
 RT: 3.02 min Scan# 71
 Delta R.T.: 0.01 min
 Lab File: VL038521.D
 Acq: 3 Mar 2022 19:52

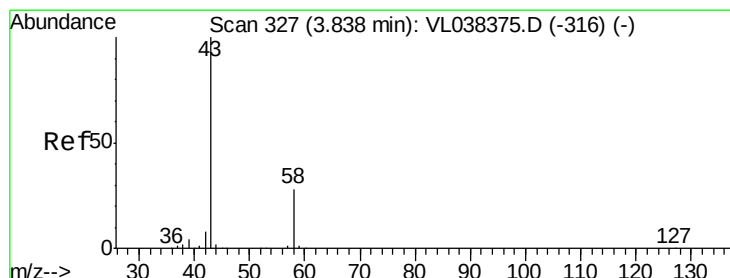
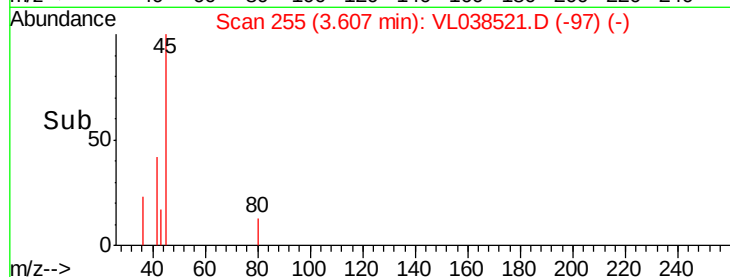
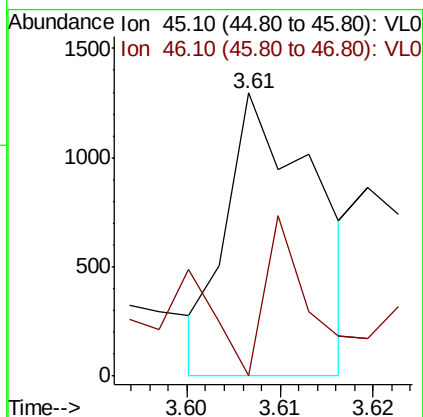
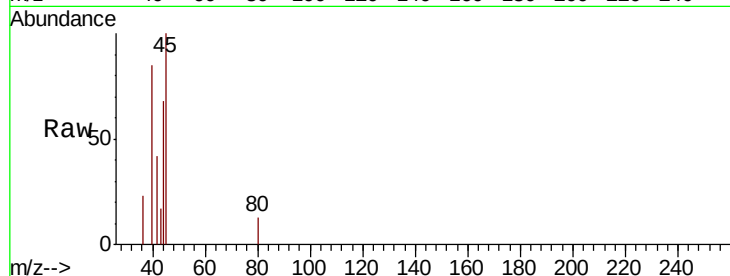
Tgt Ion: 41 Resp: 4076
 Ion Ratio Lower Upper
 41 100
 42 65.9 54.6 82.0





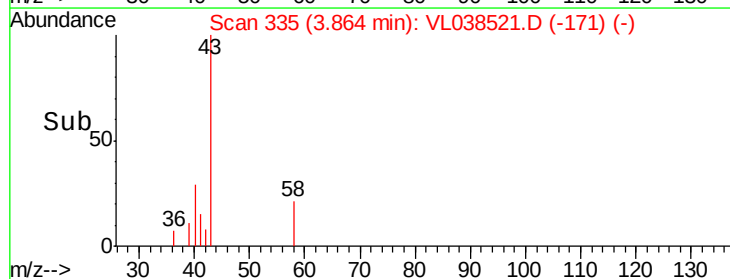
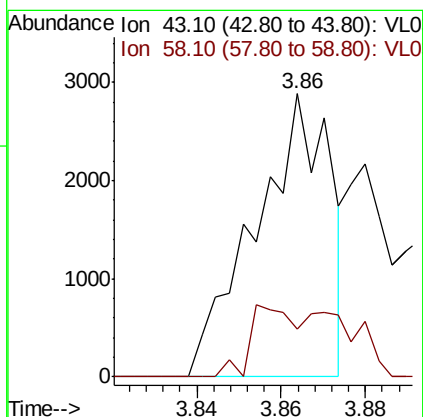
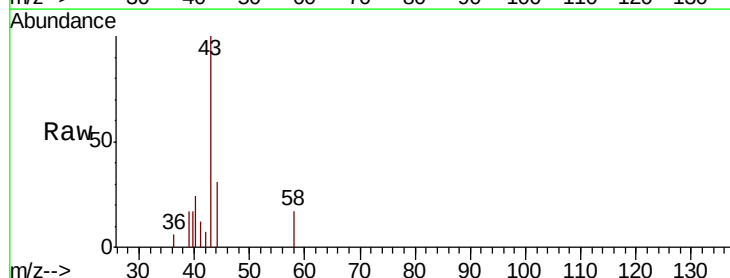
#13
Ethanol
Concen: 0.223 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 19:52

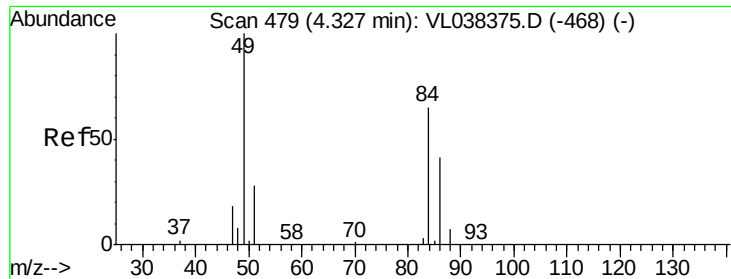
Tot Ion: 45 Resp: 862
Ion Ratio Lower Upper
45 100
46 78.3 18.2 72.8#



#15
Acetone
Concen: 0.062 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.03 min
Lab File: VL038521.D
Acq: 3 Mar 2022 19:52

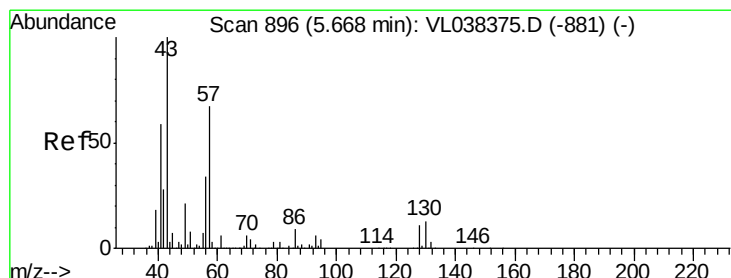
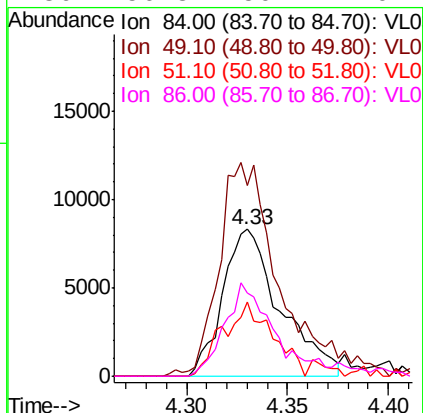
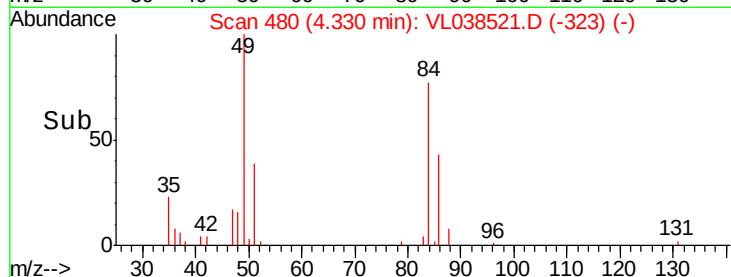
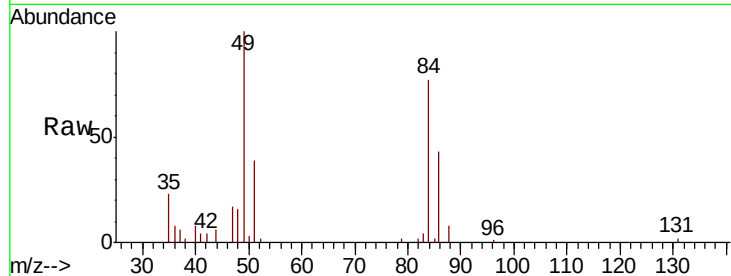
Tgt Ion: 43 Resp: 3528
Ion Ratio Lower Upper
43 100
58 31.4 21.7 32.5





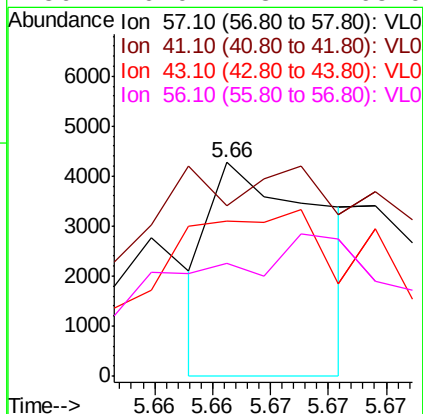
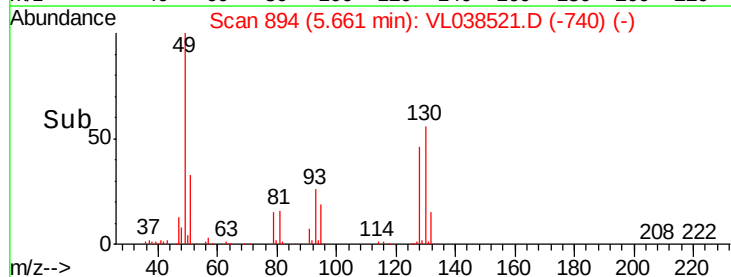
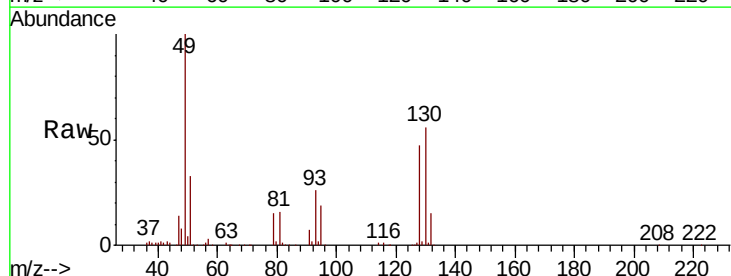
#20
Methvlene Chloride
Concen: 0.592 ppbv
RT: 4.33
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 19:52

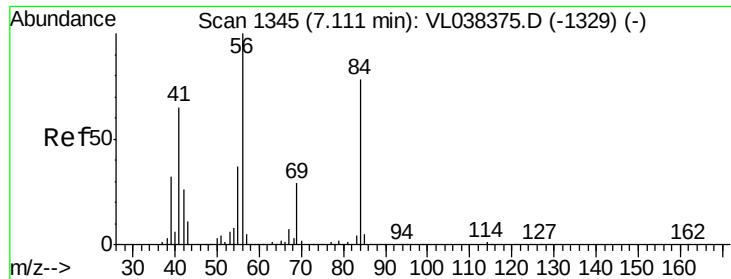
Tot Ion:	84	Resp:	16601
Ion	Ratio	Lower	Upper
84	100		
49	126.3	122.4	183.6
51	50.4	33.3	49.9#
86	56.3	50.7	76.1



#26
Hexane
Concen: 0.041 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL038521.D
Acq: 3 Mar 2022 19:52

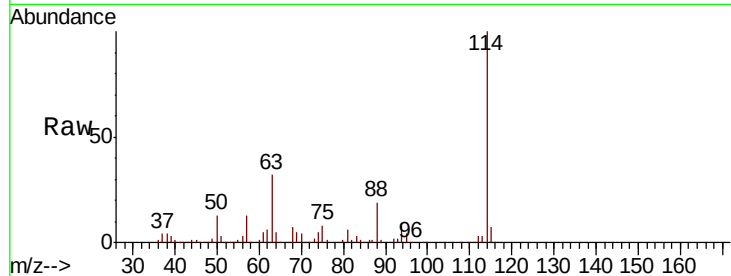
Tgt Ion:	57	Resp:	2840
Ion	Ratio	Lower	Upper
57	100		
41	297.4	73.1	109.7#
43	0.0	181.0	271.4#
56	0.0	43.4	65.0#



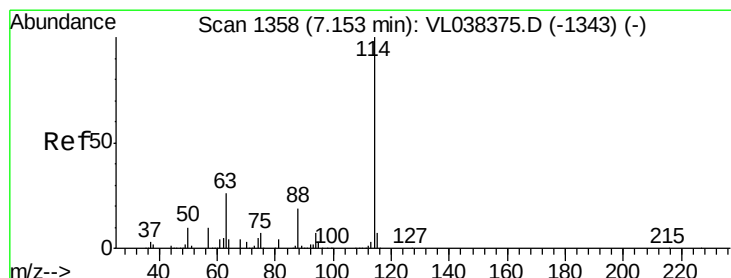
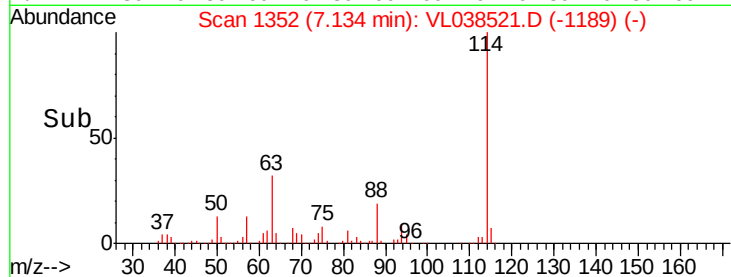
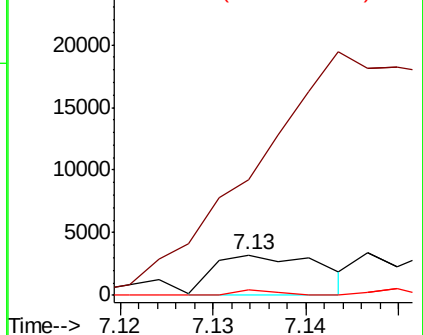


#30
Cyclohexane
Concen: 0.047 ppbv
RT: 7.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 19:52

Tot Ion: 84 Resp: 2622
Ion Ratio Lower Upper
84 100
56 0.0 116.2 174.4#
41 0.0 74.3 111.5#

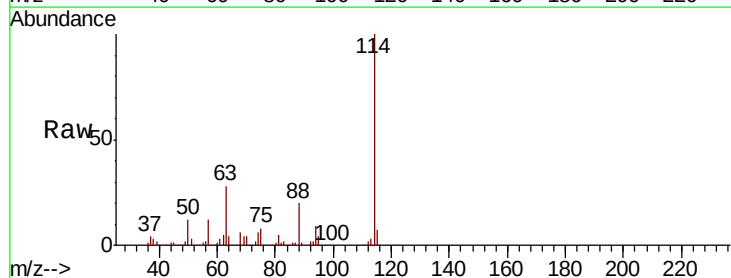


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

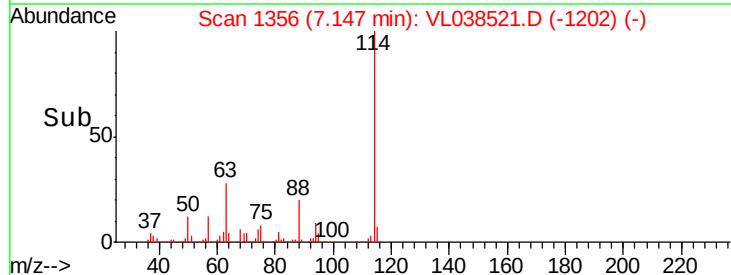
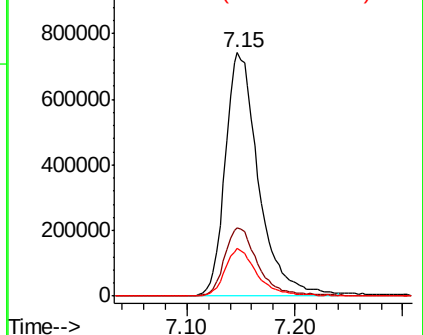


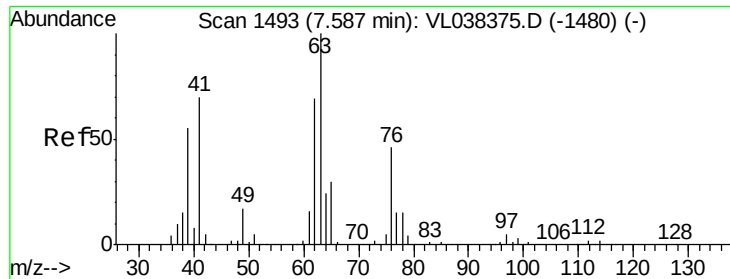
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL038521.D
Acq: 3 Mar 2022 19:52

Tgt Ion: 114 Resp: 1603286
Ion Ratio Lower Upper
114 100
63 28.8 22.2 33.2
88 19.1 15.2 22.8



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





#39

1,2-Dichloropropane

Concen: 7.799 ppbv

RT: 7.15 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 19:52 CAN 10602

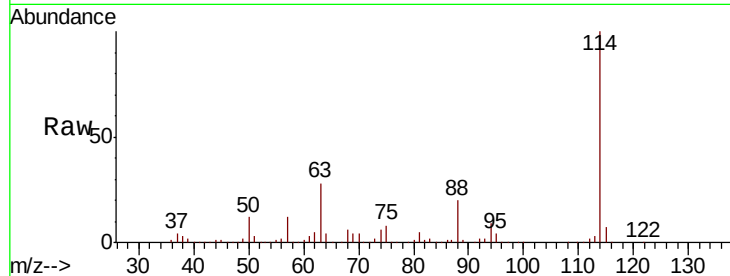
Tot Ion: 63 Resp: 438464

Ion Ratio Lower Upper

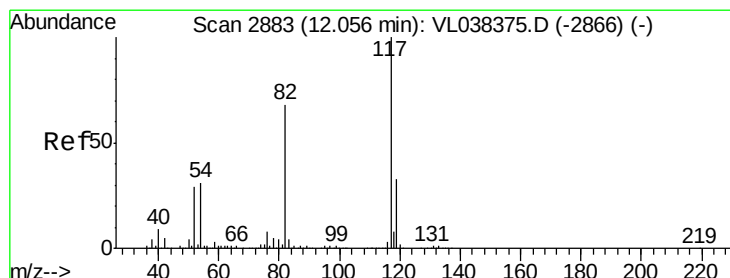
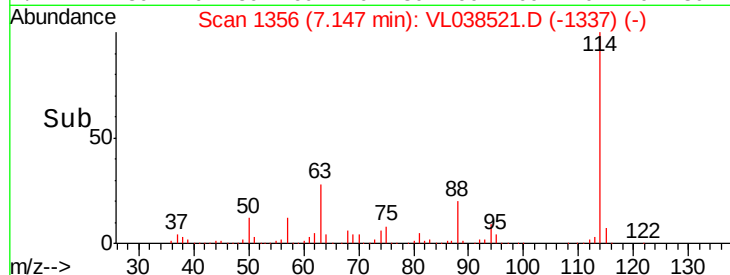
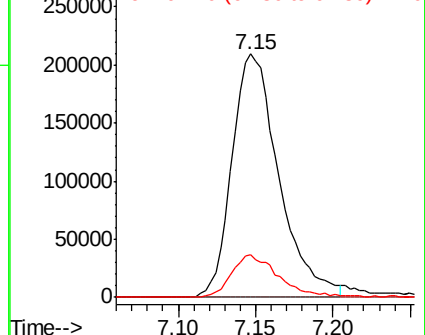
63 100

41 0.3 56.1 84.1#

62 17.3 55.5 83.3#



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 62.10 (61.80 to 62.80): VL0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.05 min Scan# 2882

Delta R.T. -0.00 min

Lab File: VL038521.D

Acq: 3 Mar 2022 19:52

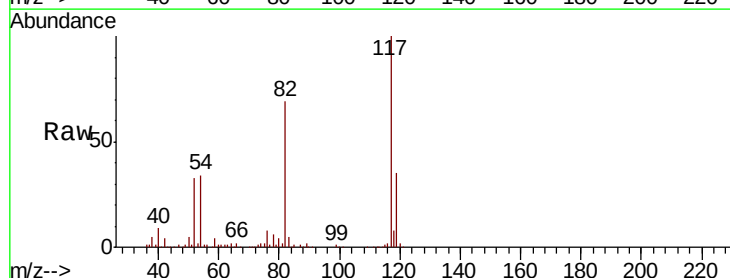
Tgt Ion: 117 Resp: 1001876

Ion Ratio Lower Upper

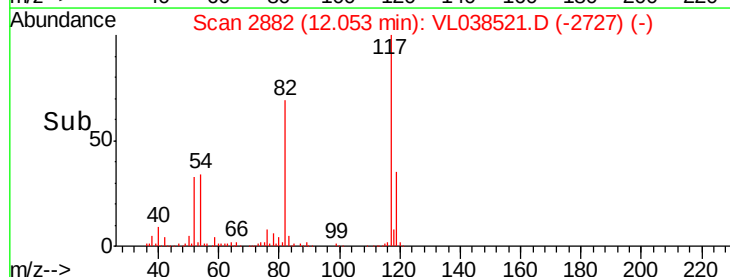
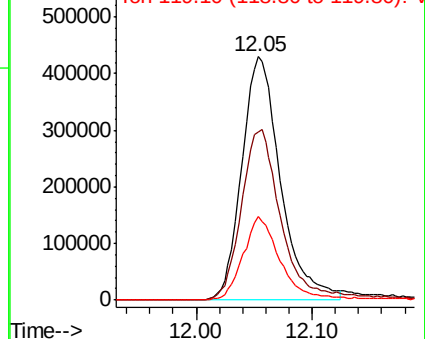
117 100

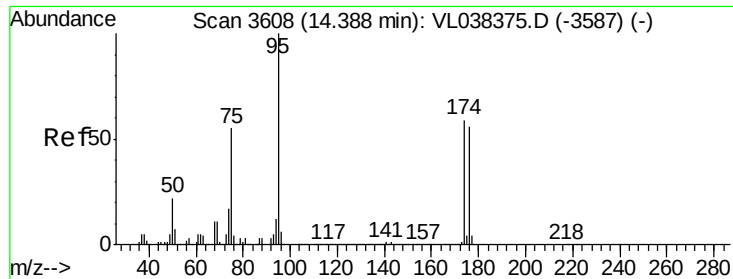
82 73.1 54.9 82.3

119 33.0 46.1 69.1#



Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 8.947 ppbv

RT: 14.38

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 3 Mar 2022 19:52

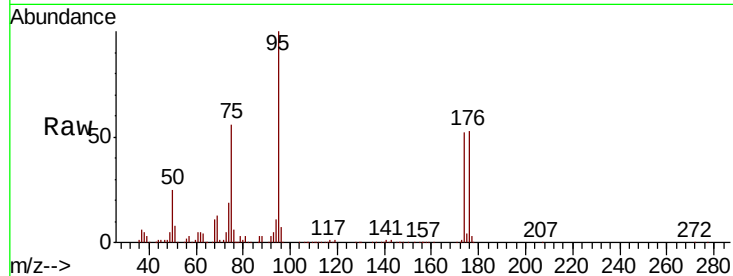
Tot Ion: 95 Resp: 741662

Ion Ratio Lower Upper

95 100

174 59.1 49.0 73.4

175 4.4 3.6 5.4



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

