

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030122\
 Data File : VL038457.D
 Acq On : 1 Mar 2022 19:09
 Operator : SY/AP
 Sample : N1720-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DL

Quant Time: Mar 02 03:06:45 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	5.67	49	892006	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	2152917	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	1825187	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1370477	9.07	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.70%

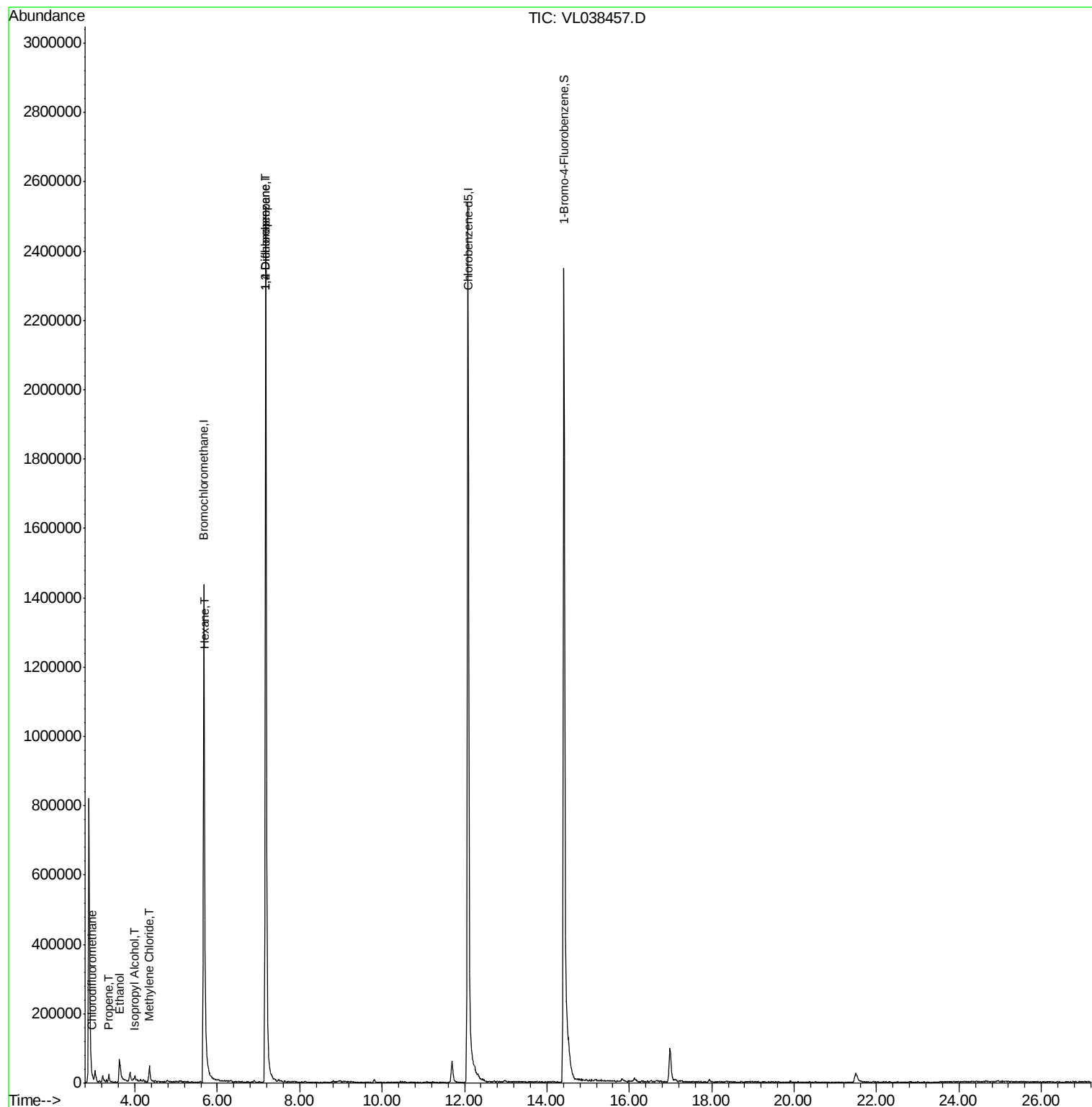
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	2.97	51	12587	0.08	ppbv #	75
9) Propene	3.36	41	4095	0.08	ppbv	98
13) Ethanol	3.63	45	61259	11.80	ppbv	71
19) Isopropyl Alcohol	4.00	45	11209	0.26	ppbv #	88
20) Methylene Chloride	4.35	84	15885	0.42	ppbv	90
26) Hexane	5.69	57	8511	0.09	ppbv #	49
39) 1,2-Dichloropropane	7.18	63	557441	7.38	ppbv #	25

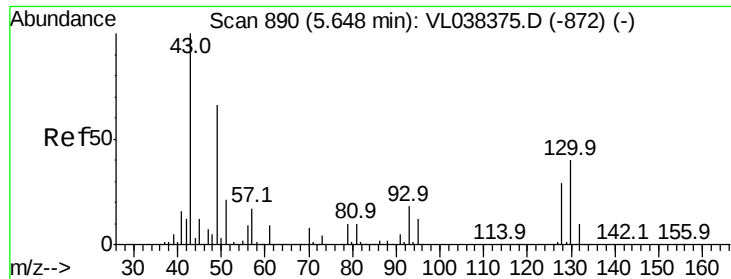
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL030122\
Data File : VL038457.D
Acq On : 1 Mar 2022 19:09
Operator : SY/AP
Sample : N1720-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1DL

Quant Time: Mar 02 03:06:45 2022
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Mar 2022 19:09

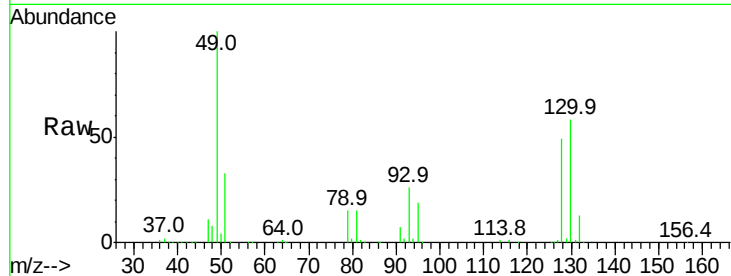
Tgt Ion: 49 Resp: 892006

Ion Ratio Lower Upper

49 100

128 47.4 24.3 72.9

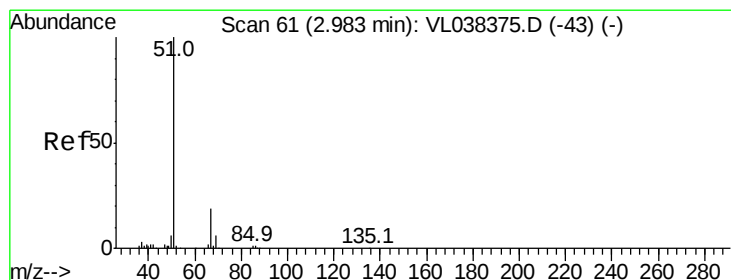
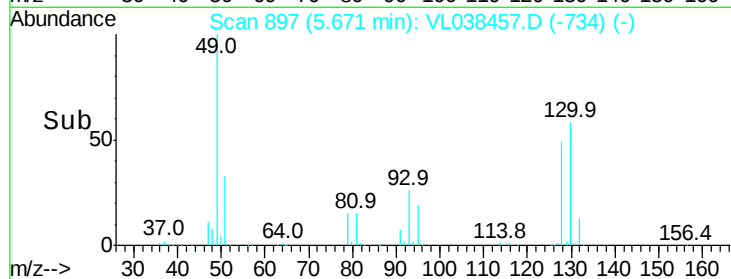
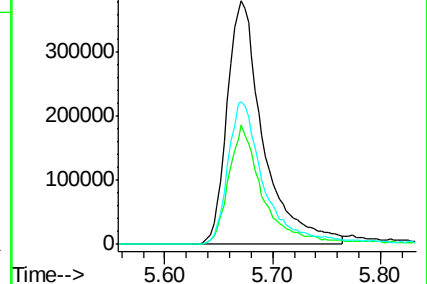
130 61.0 30.1 90.5



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



#3

Chlorodifluoromethane

Concen: 0.08 ppbv

RT: 2.97 min Scan# 57

Delta R.T. -0.01 min

Lab File: VL038457.D

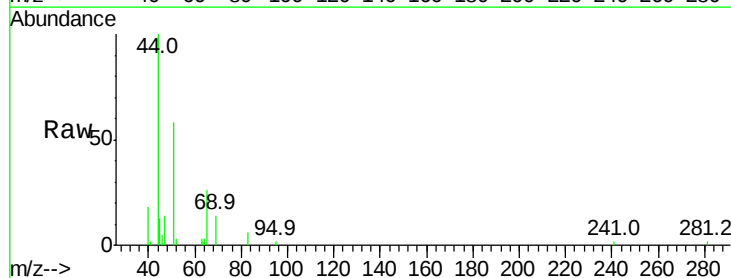
Acq: 1 Mar 2022 19:09

Tgt Ion: 51 Resp: 12587

Ion Ratio Lower Upper

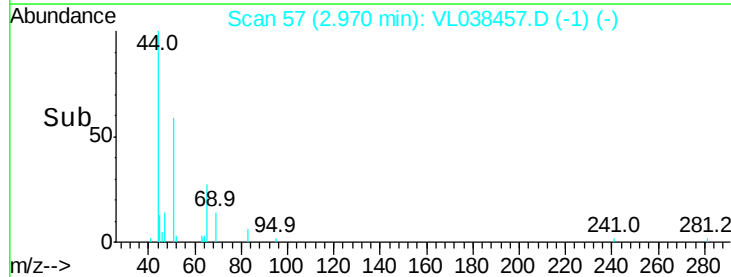
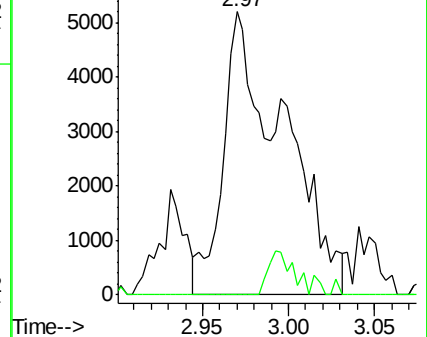
51 100

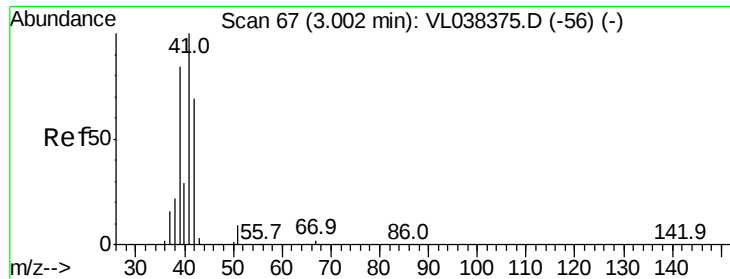
67 7.1 14.7 22.1#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#9

Propene

Concen: 0.08 ppbv

RT: 3.36

Delta R.T.

Lab File:

Acq: 1 Mar 2022 19:09

Instrument:

MSVOA_1

ClientSampleId:

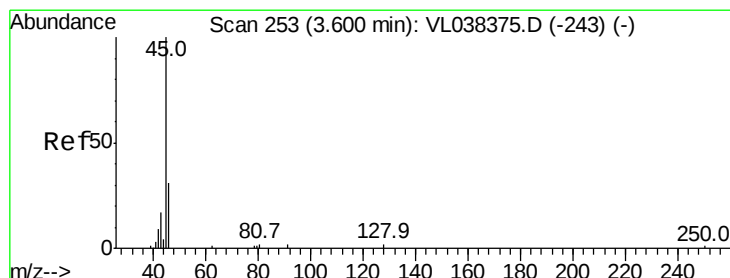
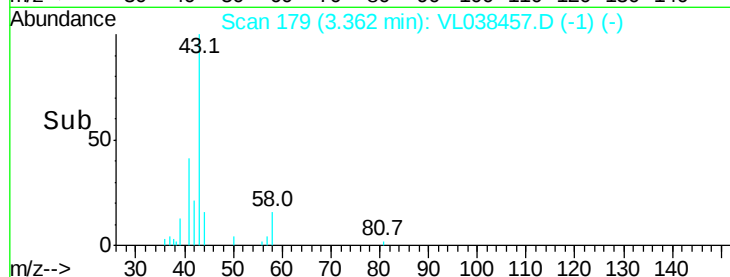
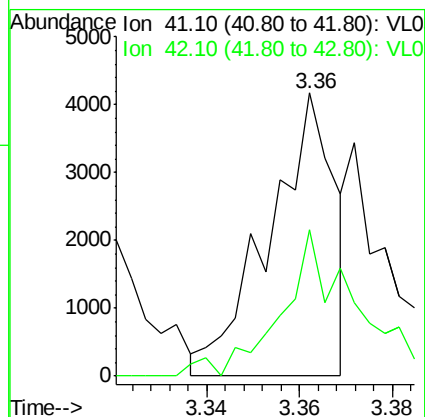
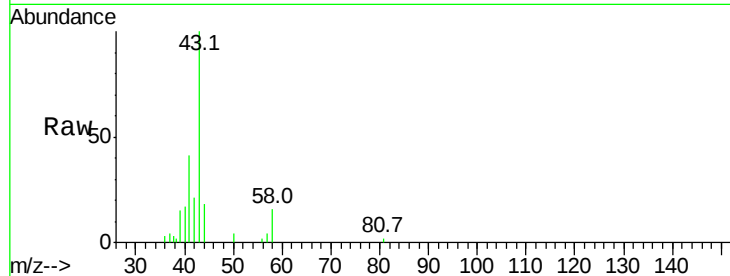
IA1DL

Tgt Ion: 41 Resp: 4095

Ion Ratio Lower Upper

41 100

42 66.3 54.6 82.0



#13

Ethanol

Concen: 11.80 ppbv

RT: 3.63 min Scan# 262

Delta R.T. 0.03 min

Lab File: VL038457.D

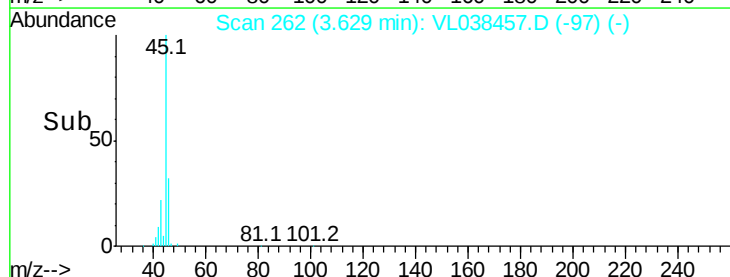
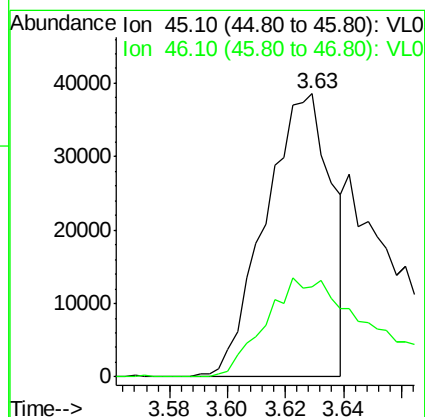
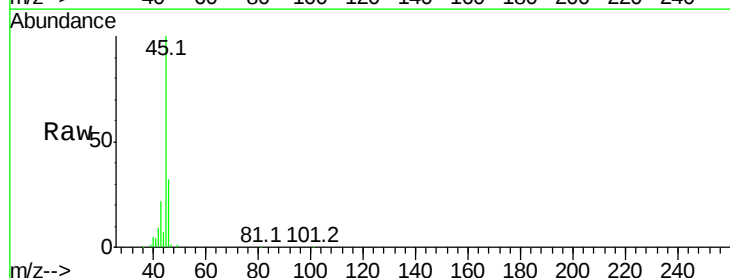
Acq: 1 Mar 2022 19:09

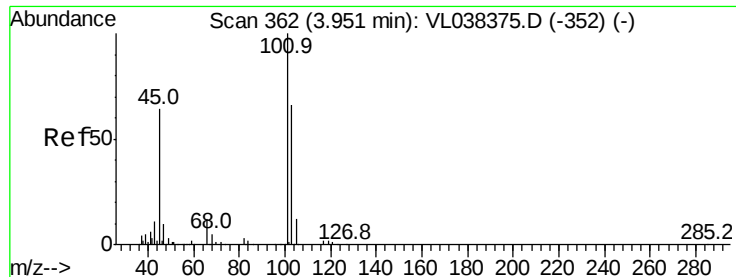
Tgt Ion: 45 Resp: 61259

Ion Ratio Lower Upper

45 100

46 64.7 18.2 72.8





#19

Isopropyl Alcohol

Concen: 0.26 ppbv

RT: 4.00 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

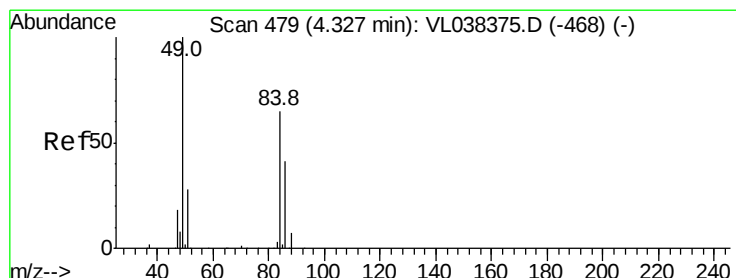
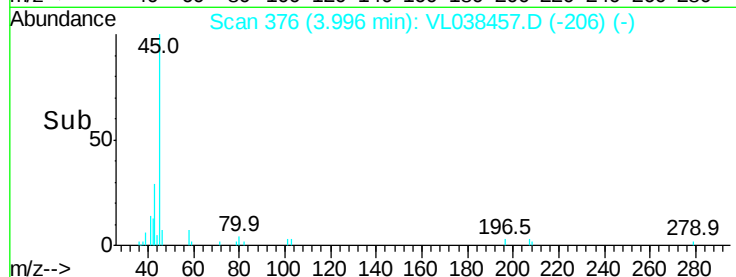
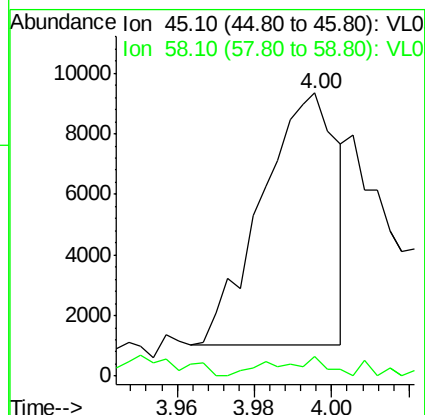
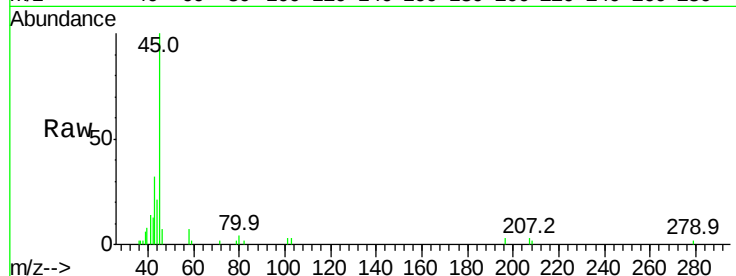
Acq: 1 Mar 2022 19:09

Tgt Ion: 45 Resp: 11209

Ion Ratio Lower Upper

45 100

58 6.4 1.8 2.8#



#20

Methylene Chloride

Concen: 0.42 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.02 min

Lab File: VL038457.D

Acq: 1 Mar 2022 19:09

Tgt Ion: 84 Resp: 15885

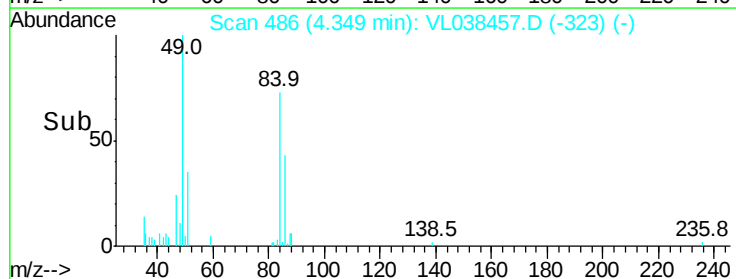
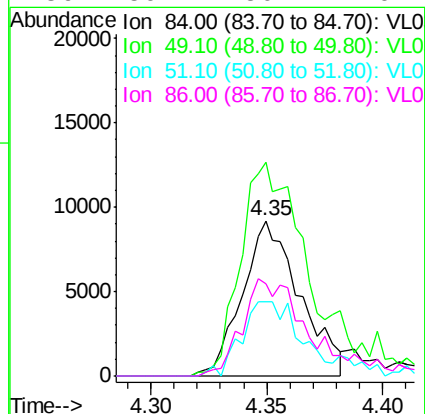
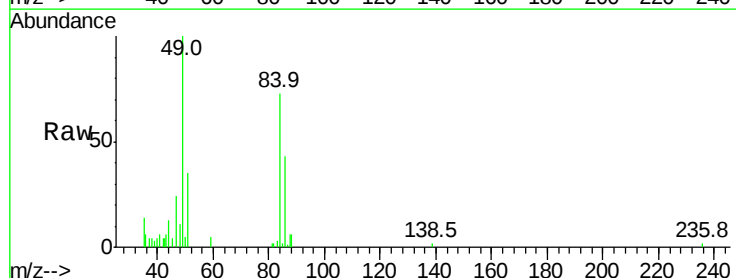
Ion Ratio Lower Upper

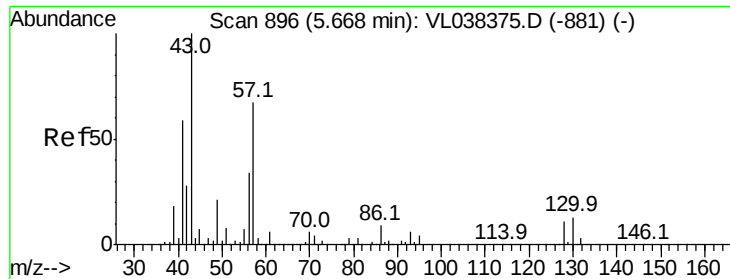
84 100

49 137.6 122.4 183.6

51 47.7 33.3 49.9

86 59.4 50.7 76.1





#26

Hexane

Concen: 0.09 ppbv

RT: 5.69 Instrument:

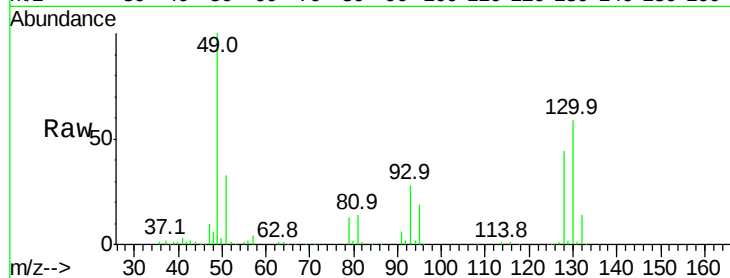
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Mar 2022 19:09

Tgt Ion: 57 Resp: 8511

Ion	Ratio	Lower	Upper
57	100		
41	144.0	73.1	109.7#
43	141.0	181.0	271.4#
56	82.9	43.4	65.0#

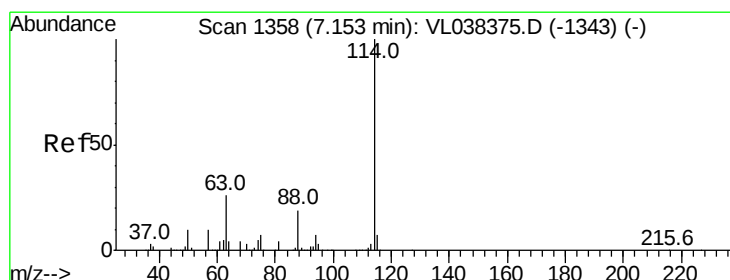
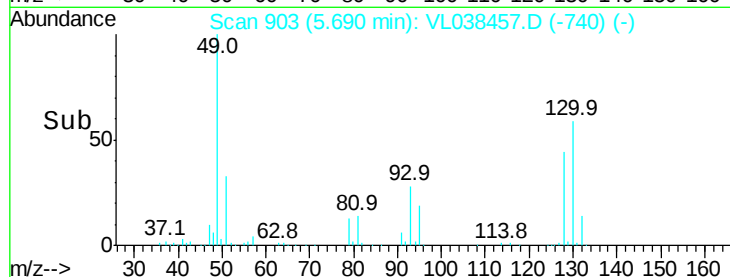
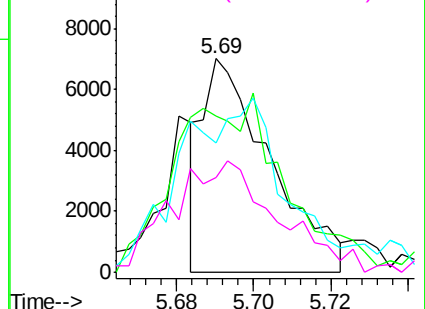


Abundance Ion 57.10 (56.80 to 57.80): VL0

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: 10.00 ppbv

RT: 7.18 min Scan# 1365

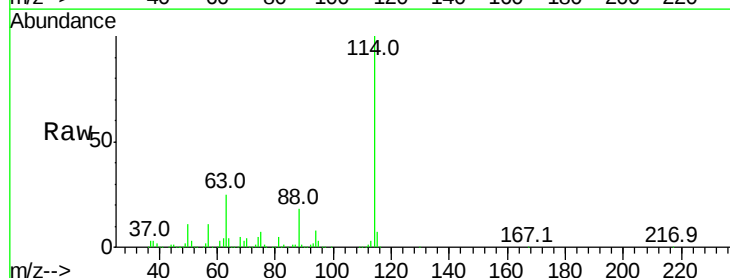
Delta R.T. 0.02 min

Lab File: VL038457.D

Acq: 1 Mar 2022 19:09

Tgt Ion: 114 Resp: 2152917

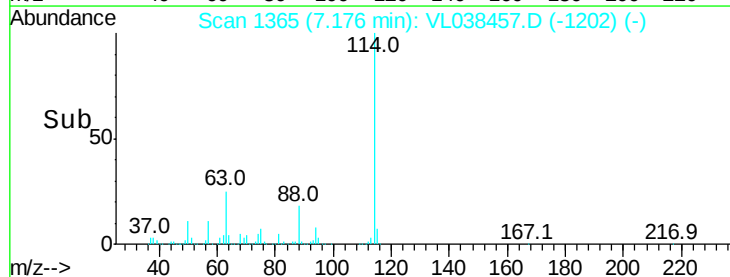
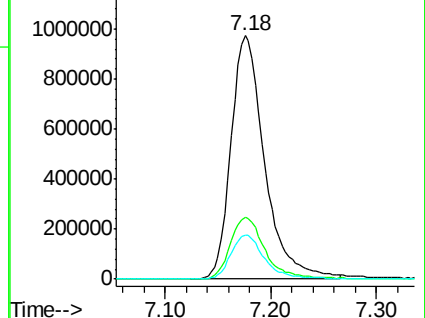
Ion	Ratio	Lower	Upper
114	100		
63	26.7	22.2	33.2
88	18.3	15.2	22.8

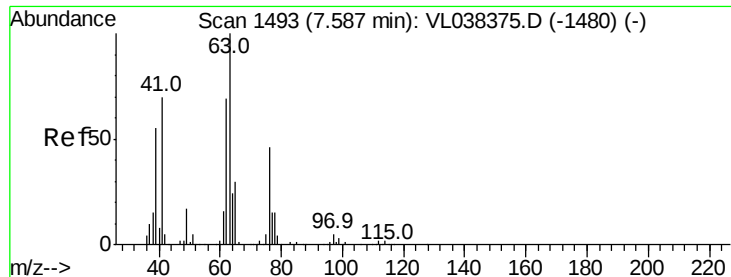


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0





#39

1,2-Dichloropropane

Concen: 7.38 ppbv

RT: 7.18 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Mar 2022 19:09

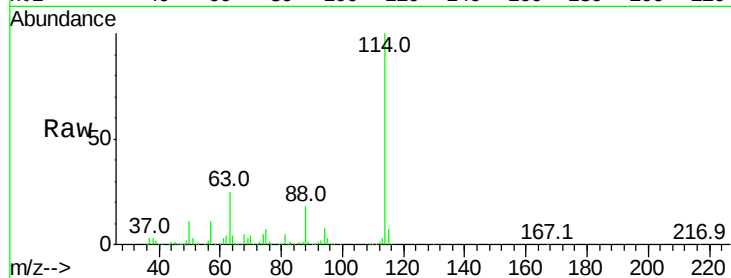
Tgt Ion: 63 Resp: 557441

Ion Ratio Lower Upper

63 100

41 0.1 56.1 84.1#

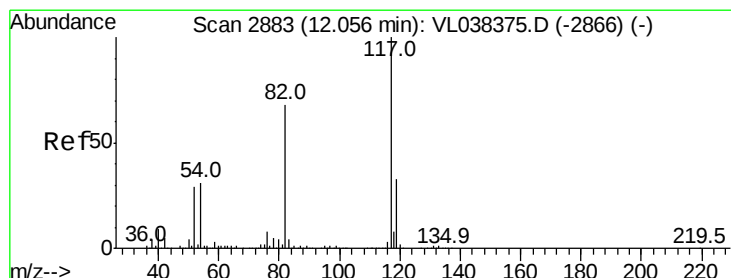
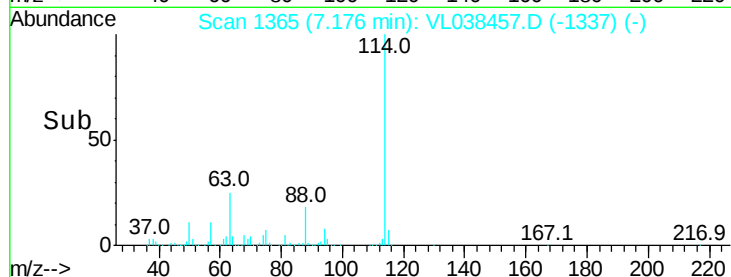
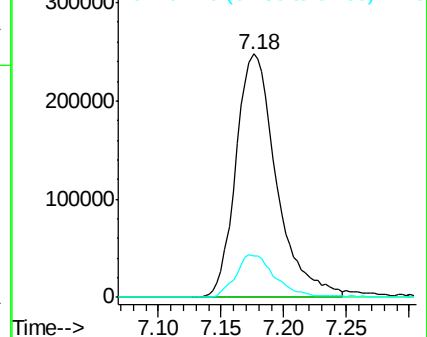
62 17.1 55.5 83.3#



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: 10.00 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. 0.03 min

Lab File: VL038457.D

Acq: 1 Mar 2022 19:09

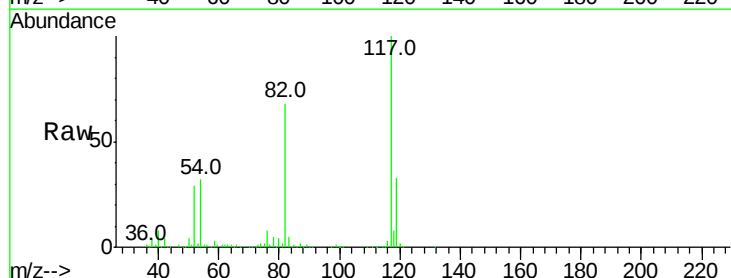
Tgt Ion: 117 Resp: 1825187

Ion Ratio Lower Upper

117 100

82 71.4 54.9 82.3

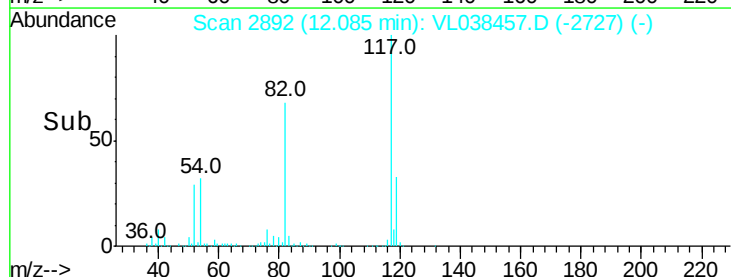
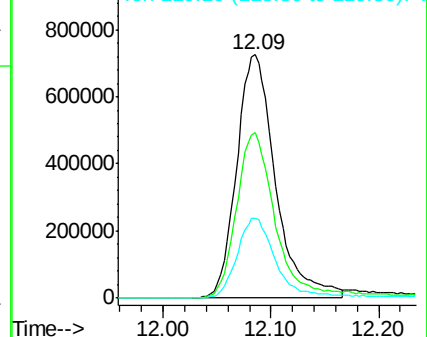
119 34.5 46.1 69.1#

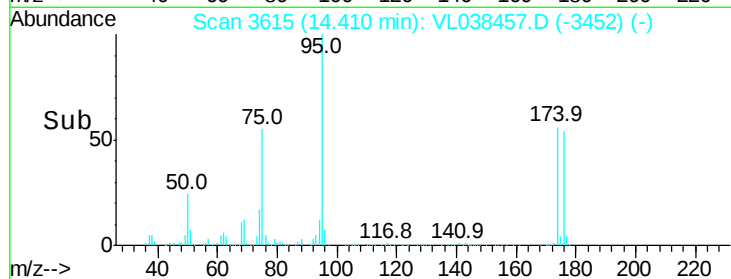
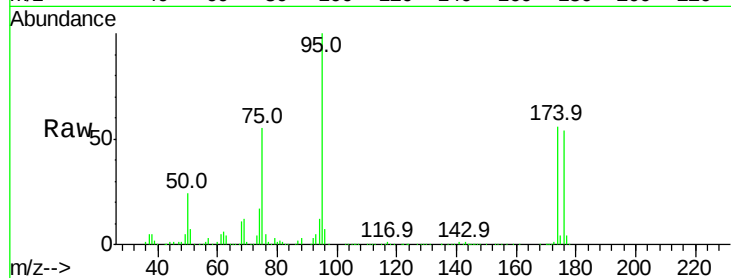
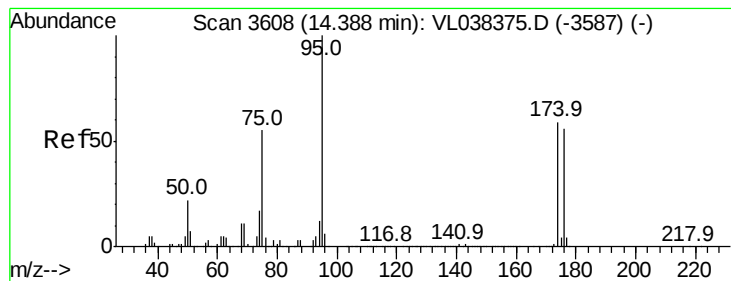


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.07 ppbv

RT: 14.41

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Mar 2022 19:09

Tgt Ion: 95 Resp: 1370477

Ion Ratio Lower Upper

95 100

174 65.0 49.0 73.4

175 4.4 3.6 5.4

