

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032521\
 Data File : VL036489.D
 Acq On : 25 Mar 2021 16:49
 Operator :
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 26 03:51:36 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1411115	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3626454	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3109531	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2425022	9.78	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

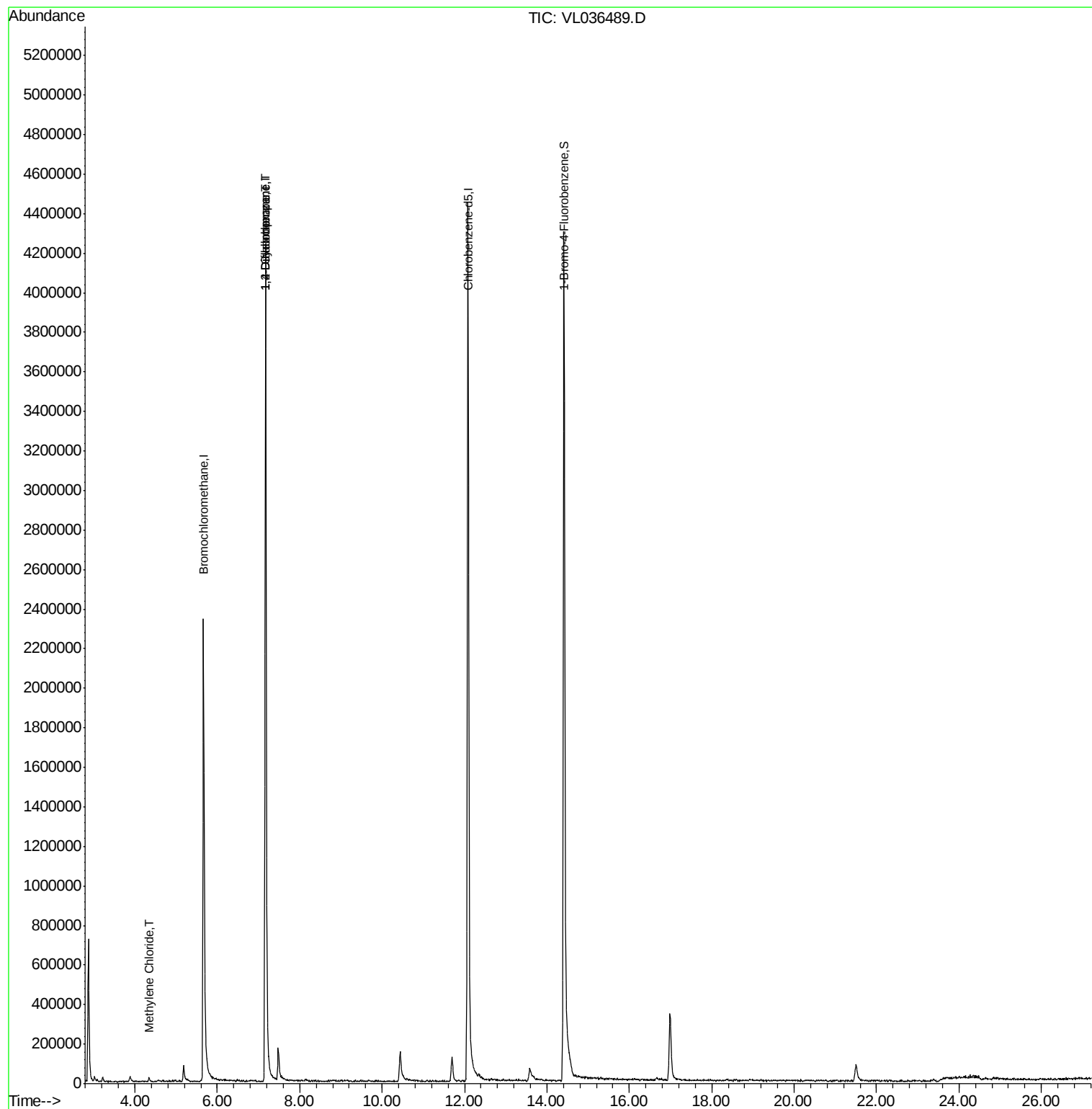
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.34	84	4014	0.062	ppbv #	35
30) Cyclohexane	7.16	84	3540	0.028	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	967637	7.132	ppbv #	23

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 16:49

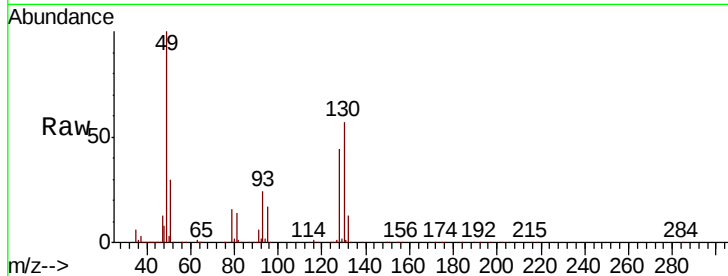
Tot Ion: 49 Resp: 1411115

Ion Ratio Lower Upper

49 100

128 48.7 23.5 70.6

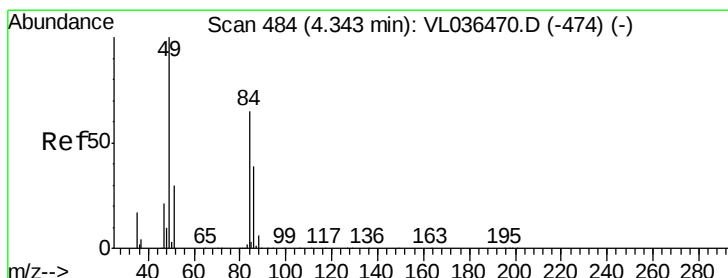
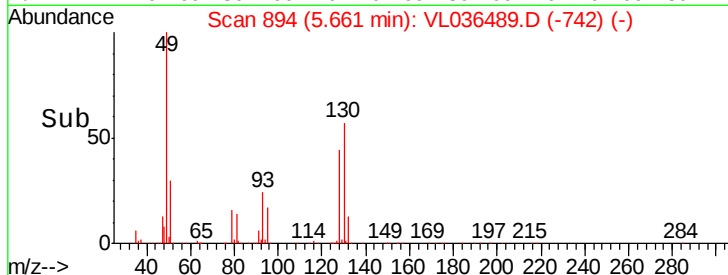
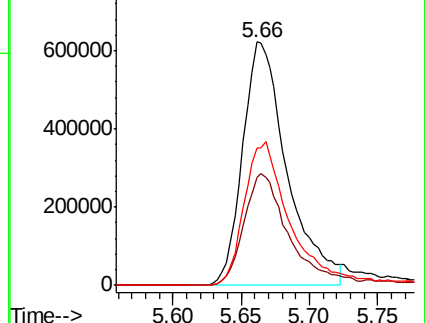
130 62.2 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#20

Methylene Chloride

Concen: 0.062 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL036489.D

Acq: 25 Mar 2021 16:49

Tgt Ion: 84 Resp: 4014

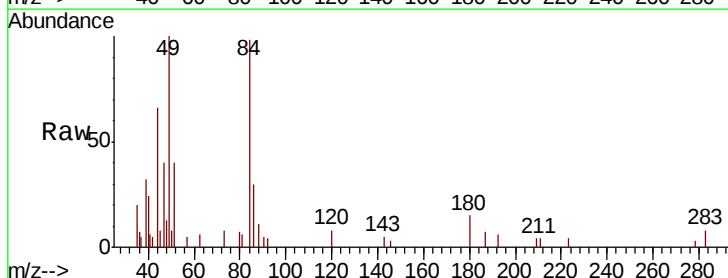
Ion Ratio Lower Upper

84 100

49 67.8 122.9 184.3#

51 19.6 36.9 55.3#

86 0.0 48.2 72.4#

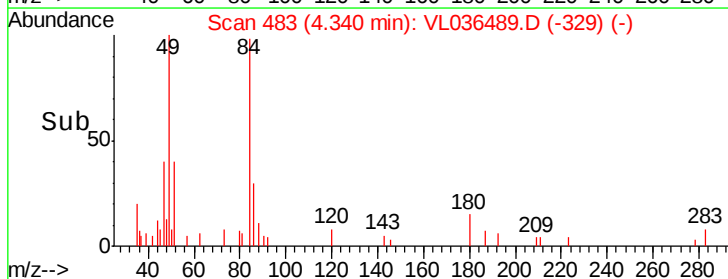
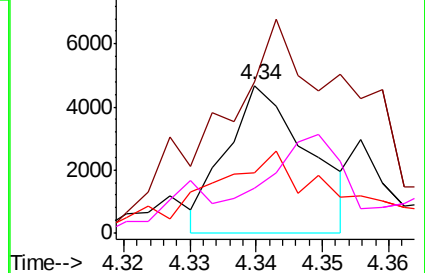


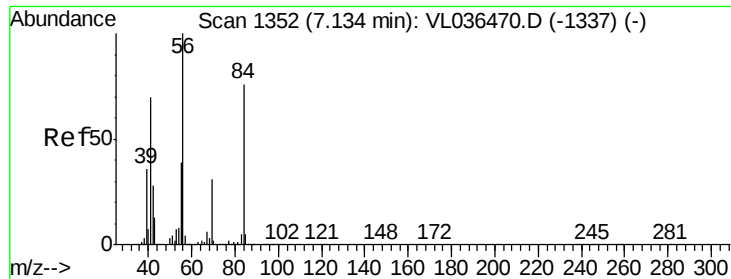
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

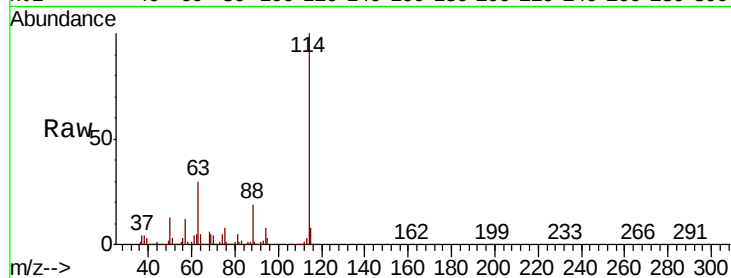
Ion 86.00 (85.70 to 86.70): VL0





#30
Cvclohexane
Concen: 0.028 ppbv
RT: 7.16 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 25 Mar 2021 16:49

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	114.6	171.8#
41	21.9	75.3	112.9#

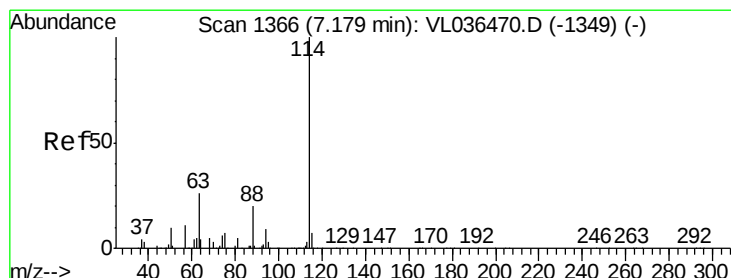
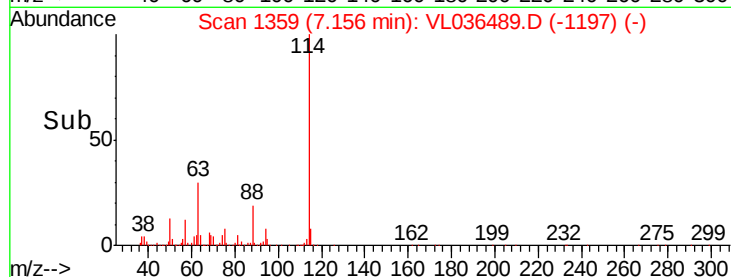
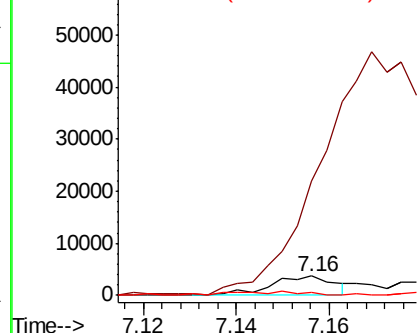


Abundance

Ion 84.20 (83.90 to 84.90): VL0

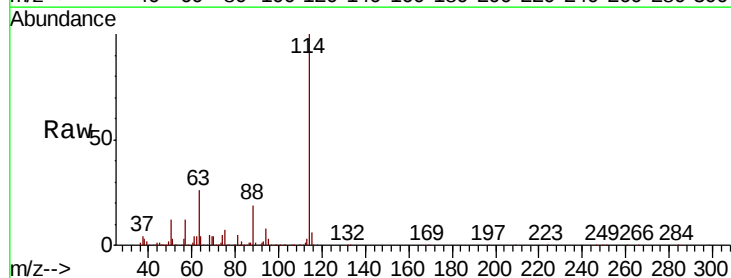
Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T.: -0.01 min
Lab File: VL036489.D
Acq: 25 Mar 2021 16:49

Tgt Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.4	33.6
88	18.8	15.4	23.0

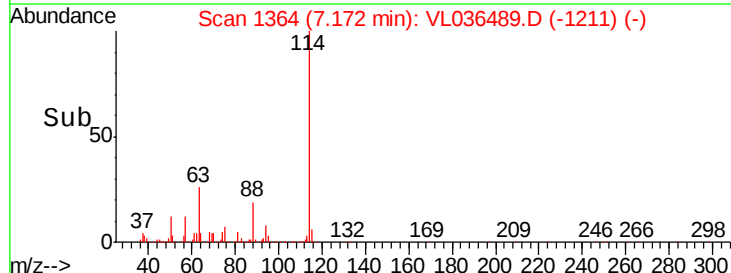
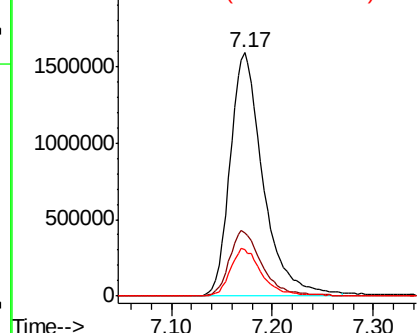


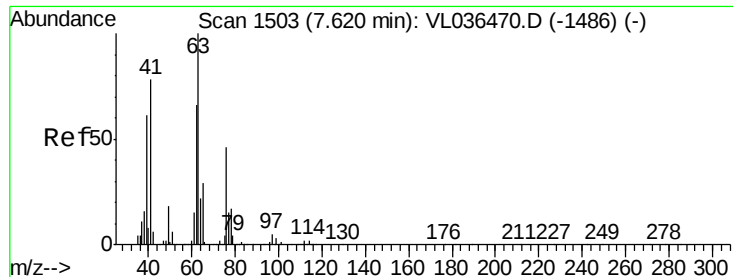
Abundance

Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

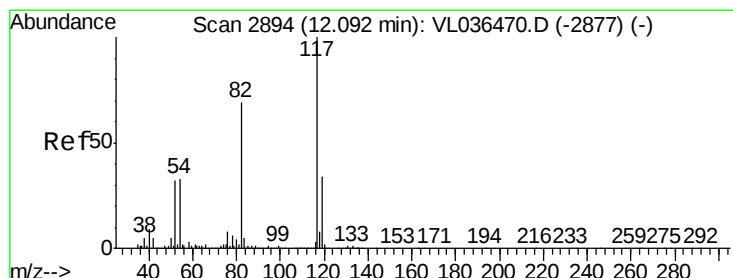
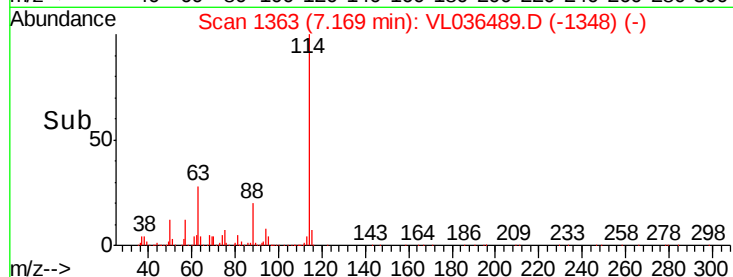
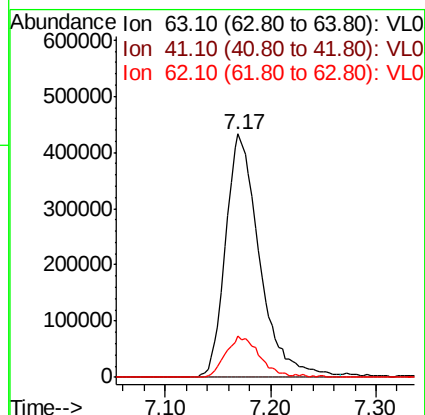
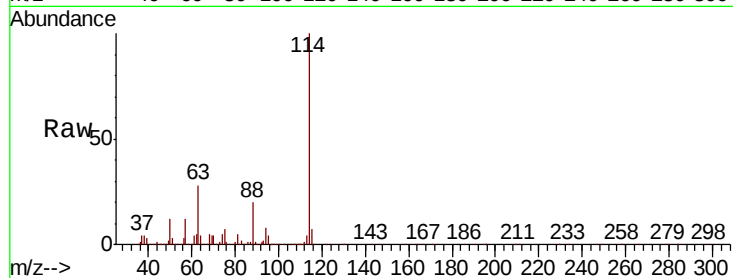
Ion 88.10 (87.80 to 88.80): VL0





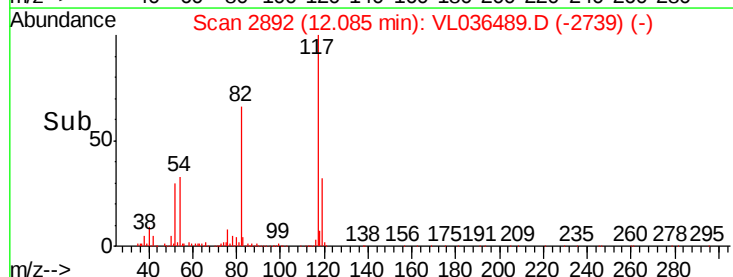
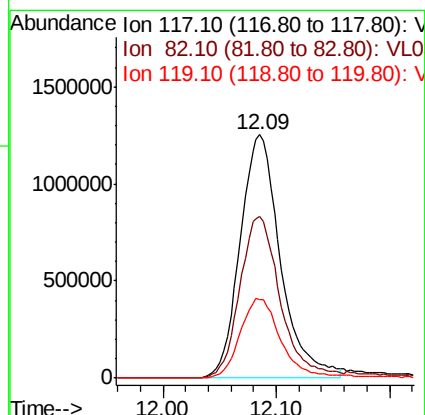
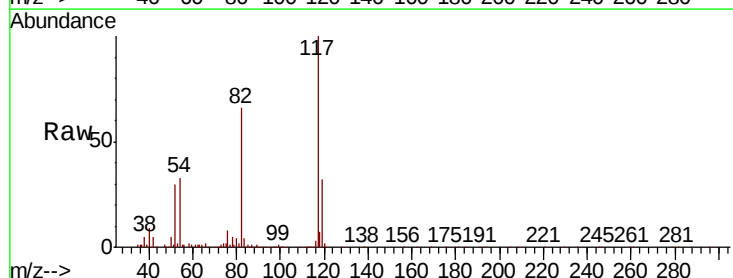
#39
 1,2-Dichloropropane
 Concen: 7.132 ppbv
 RT: 7.17
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 25 Mar 2021 16:49

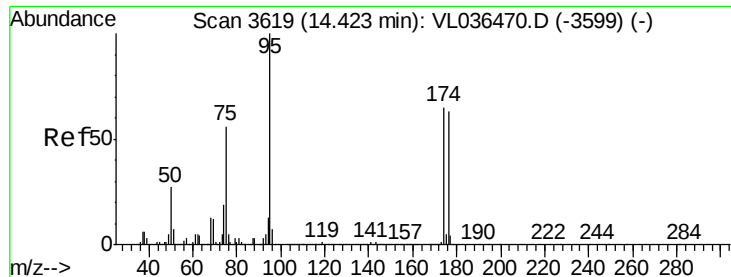
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.4	93.6#
62	17.2	52.8	79.2#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2892
 Delta R.T.: -0.01 min
 Lab File: VL036489.D
 Acq: 25 Mar 2021 16:49

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.0	57.4	86.0
119	34.3	47.4	71.0#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.785 ppbv

RT: 14.42

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 25 Mar 2021 16:49

Tot Ion: 95 Resp: 2425022

Ion Ratio Lower Upper

95 100

174 68.7 51.0 76.6

175 5.1 3.9 5.9

