

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036533.D
 Acq On : 27 Mar 2021 3:51
 Operator : SY/AP
 Sample : M1760-19DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3-CAFETERIA-RMDL

Manual Integrations
 APPROVED

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 3/29/2021 4:40:18 PM

Quant Time: Mar 28 21:42:40 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 28 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	1318900	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2881256	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2585515	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1976392	9.59	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.90%

Target Compounds					Ovalue
13) Ethanol	3.61	45	145258m	15.528	ppbv
15) Acetone	3.85	43	119348m	0.919	ppbv
20) Methylene Chloride	4.34	84	97709m	1.608	ppbv
38) Trichloroethene	7.83	130	11961m	0.116	ppbv

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

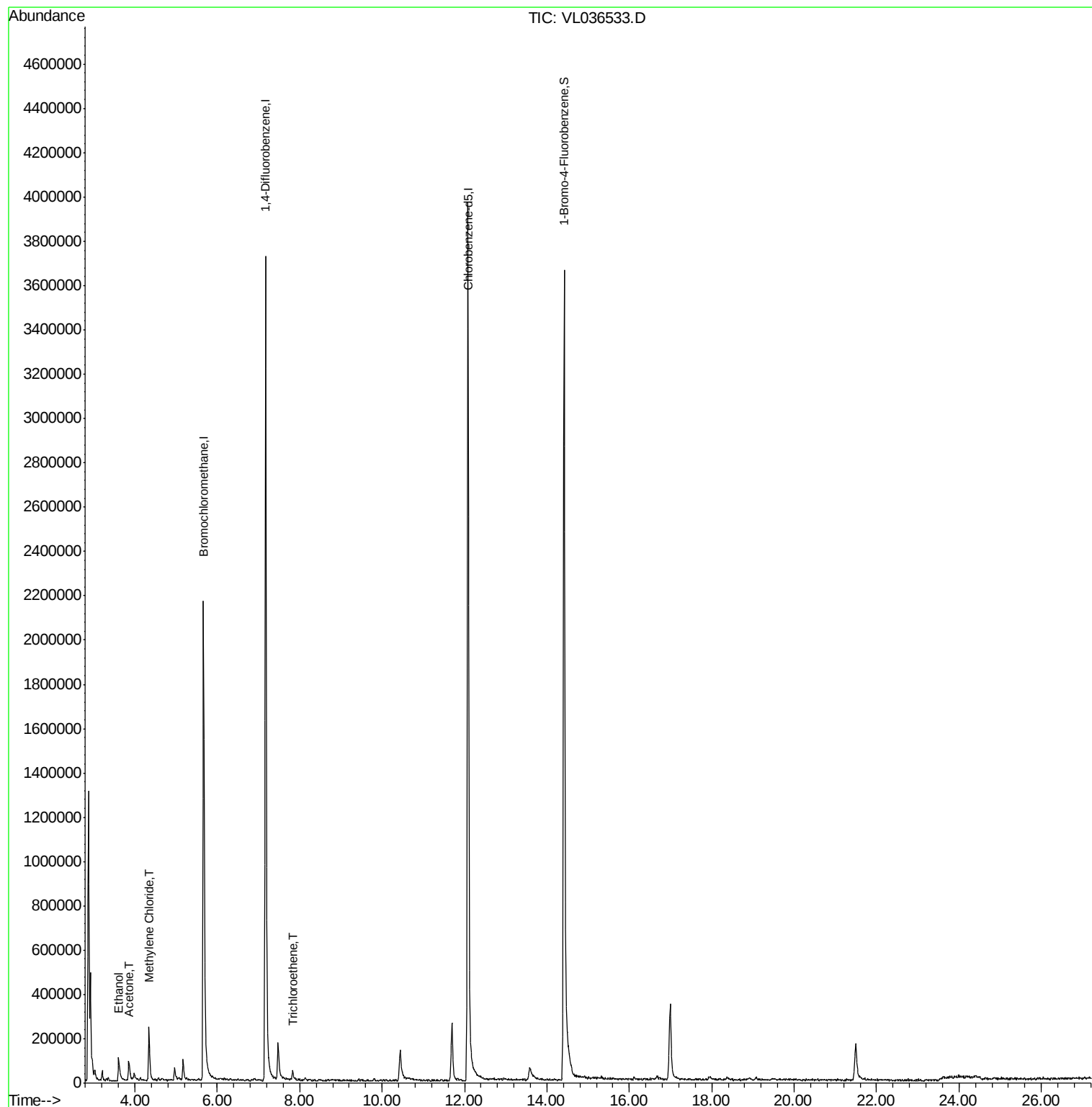
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL032621\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL036533.D

Acq: 27 Mar 2021 3:51

Instrument :

MSVOA_L

ClientSampleId :

SS-3-CAFETERIA-RMDL

Tot Ion: 49 Resp: 1318900

Ion Ratio Lower Upper

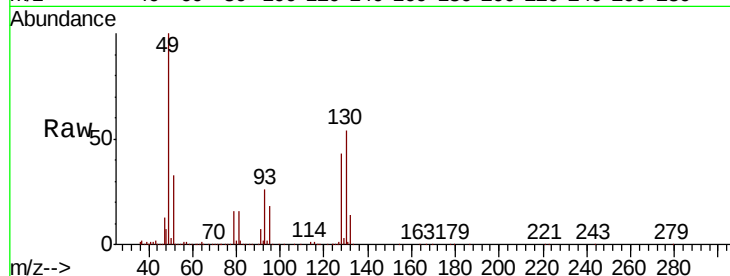
49 100

128 43.5 23.5 70.6

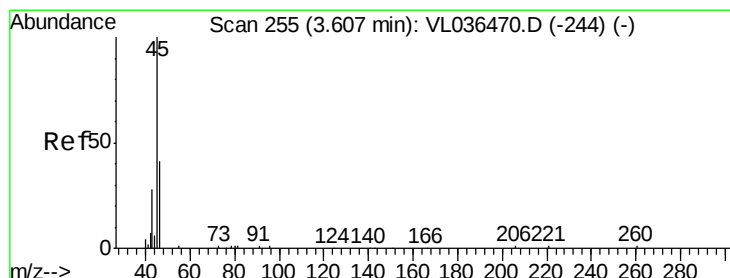
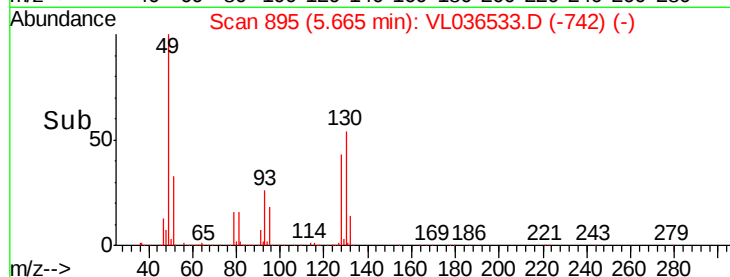
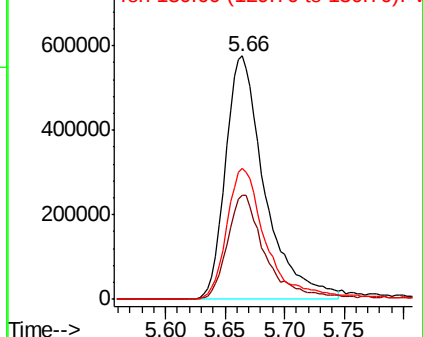
130 55.8 29.1 87.4

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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



#13

Ethanol

Concen: 15.528 ppbv m

RT: 3.61 min Scan# 255

Delta R.T. -0.00 min

Lab File: VL036533.D

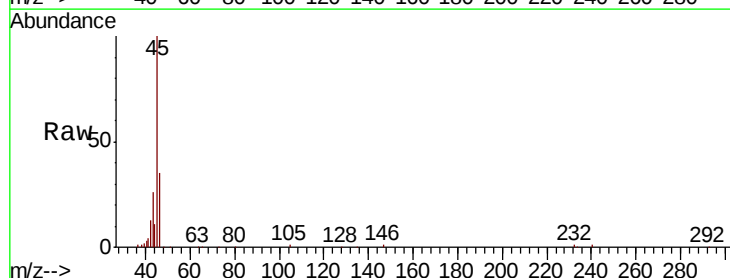
Acq: 27 Mar 2021 3:51

Tgt Ion: 45 Resp: 145258

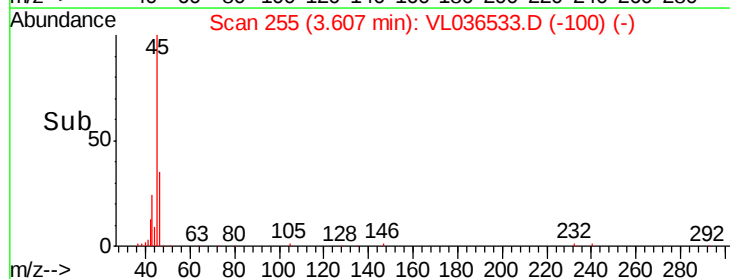
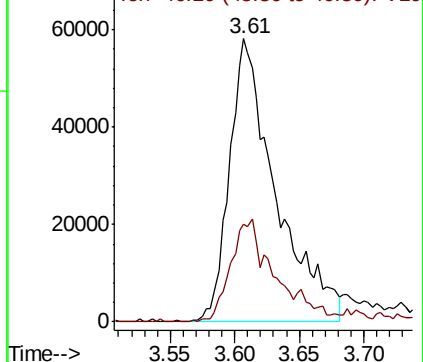
Ion Ratio Lower Upper

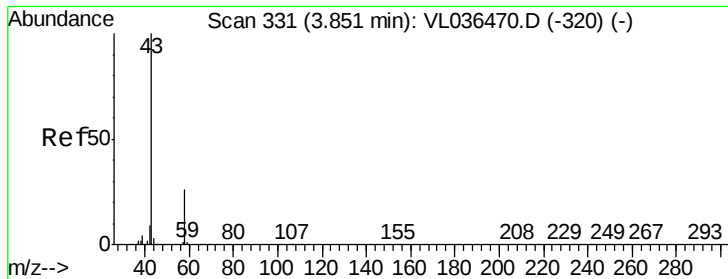
45 100

46 35.9 16.6 66.2



Abundance Ion 45.10 (44.80 to 45.80): VL0
Ion 46.10 (45.80 to 46.80): VL0





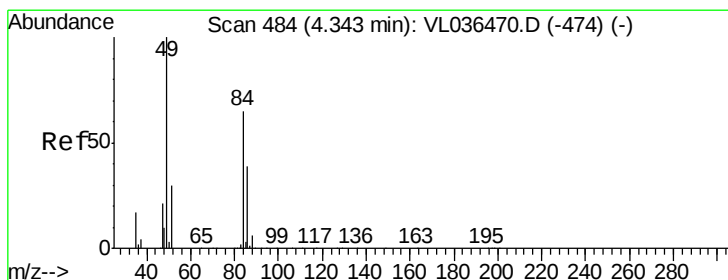
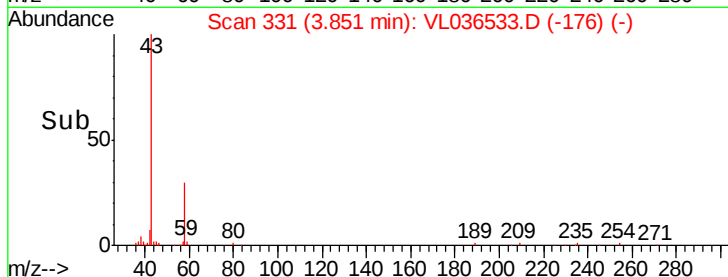
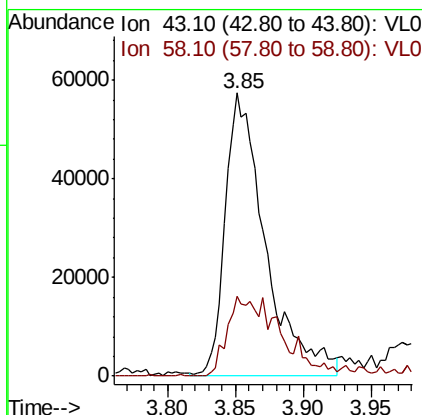
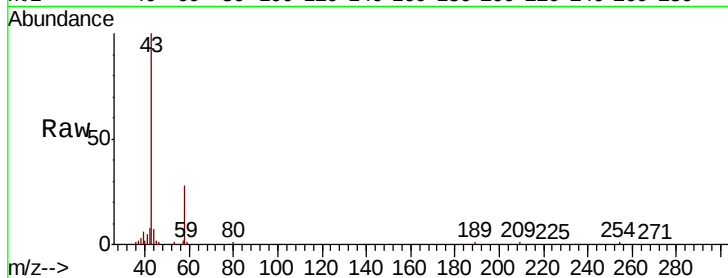
#15
Acetone
Concen: 0.919 ppbv m
RT: 3.85 min Scan# 331
Delta R.T. -0.00 min
Lab File: VL036533.D
Acq: 27 Mar 2021 3:51

Instrument :
MSVOA_L
ClientSampleId :
SS-3-CAFETERIA-RMDL

Tot Ion: 43 Resp: 119348
Ion Ratio Lower Upper
43 100
58 37.6 21.2 31.8#

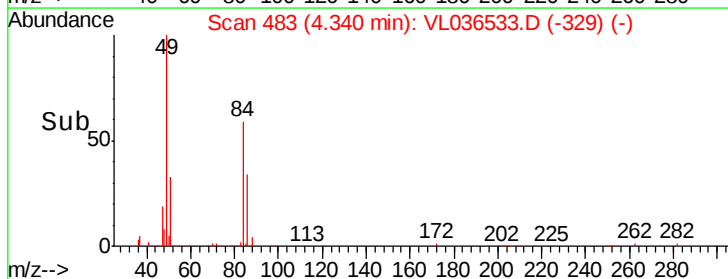
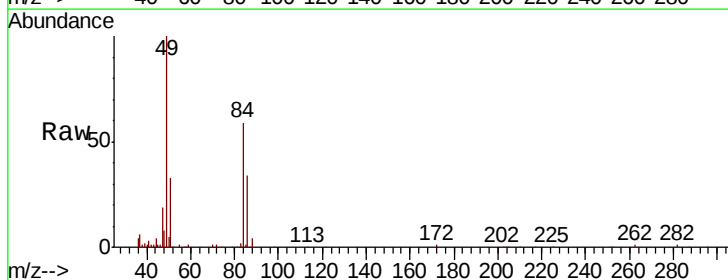
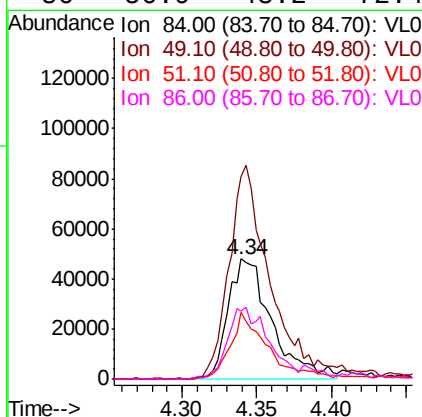
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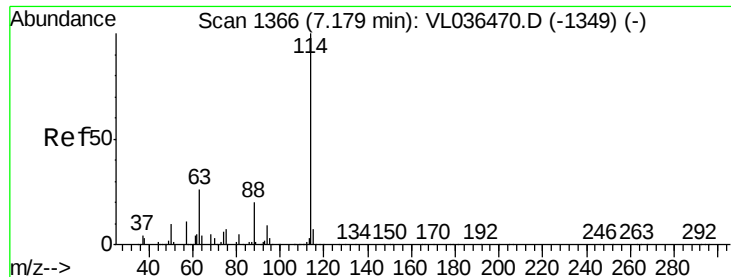
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#20
Methylene Chloride
Concen: 1.608 ppbv m
RT: 4.34 min Scan# 483
Delta R.T. -0.00 min
Lab File: VL036533.D
Acq: 27 Mar 2021 3:51

Tgt Ion: 84 Resp: 97709
Ion Ratio Lower Upper
84 100
49 168.2 122.9 184.3
51 55.9 36.9 55.3#
86 56.9 48.2 72.4





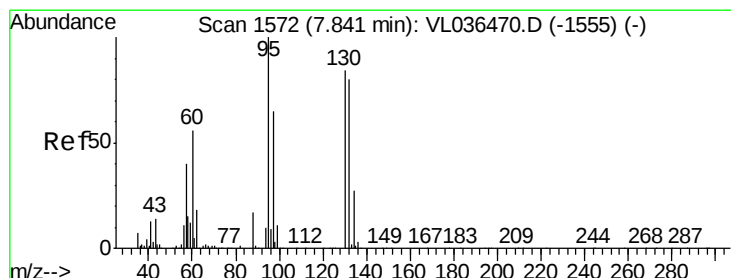
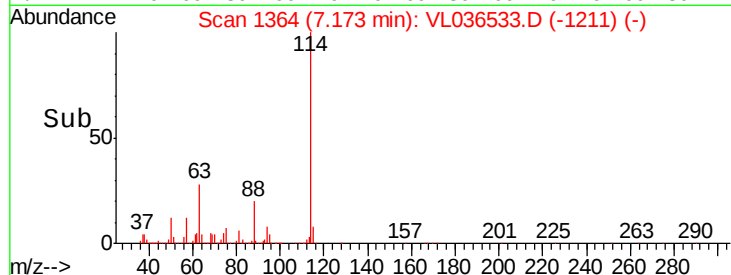
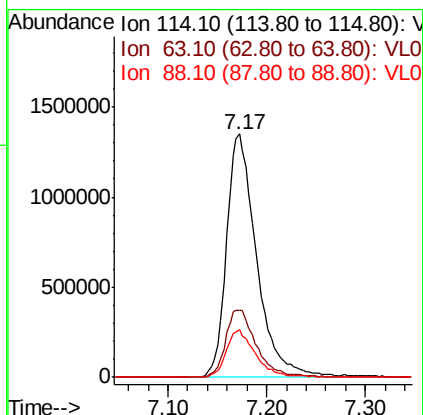
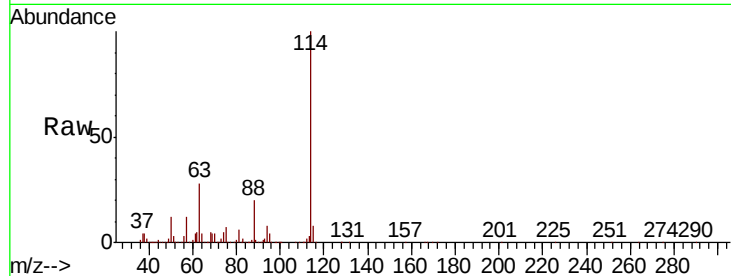
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VL036533.D
 Acq: 27 Mar 2021 3:51

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3-CAFETERIA-RMDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	28.7	22.4	33.6
88	19.3	15.4	23.0

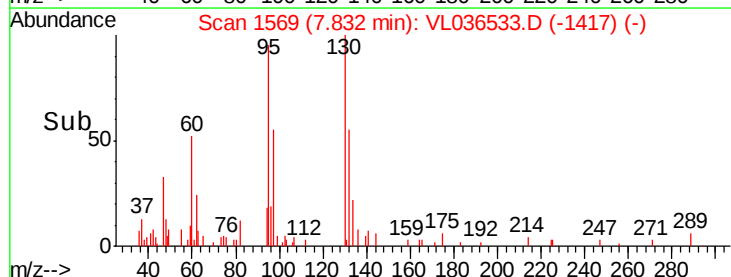
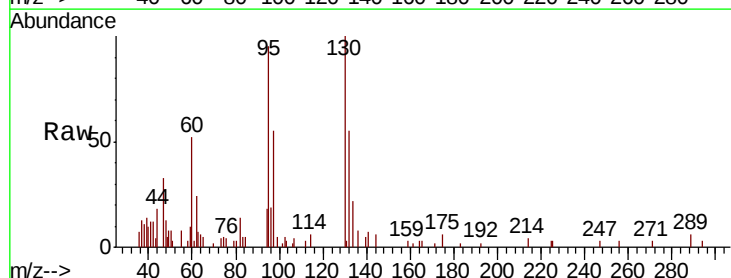
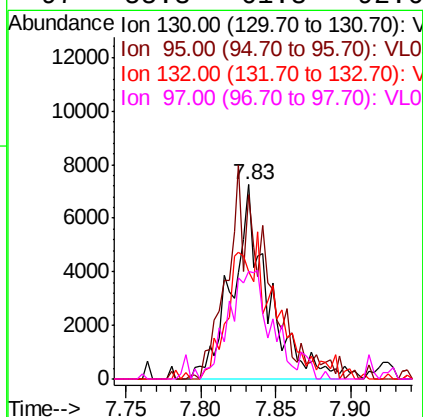
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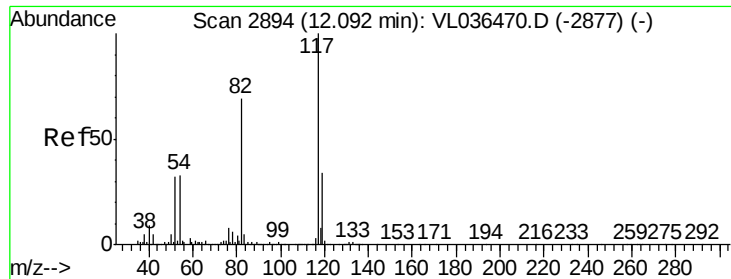
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#38
 Trichloroethene
 Concen: 0.116 ppbv m
 RT: 7.83 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: VL036533.D
 Acq: 27 Mar 2021 3:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	95.7	143.5#
132	55.1	76.2	114.4#
97	55.3	61.8	92.6#





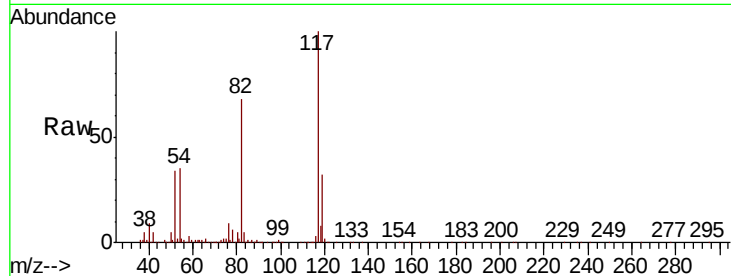
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL036533.D
Acq: 27 Mar 2021 3:51

Instrument :
MSVOA_L
ClientSampleId :
SS-3-CAFETERIA-RMDL

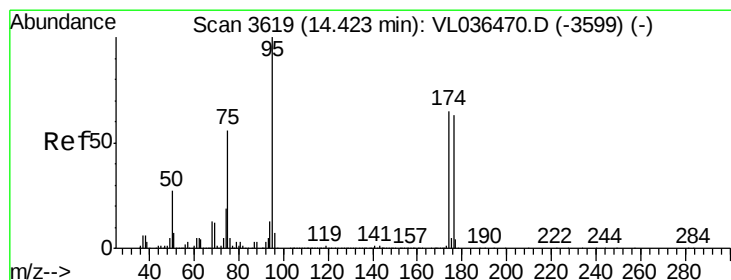
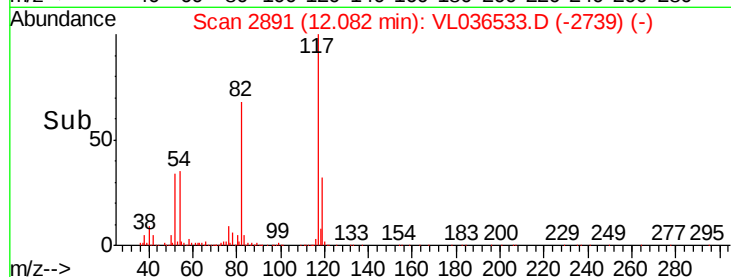
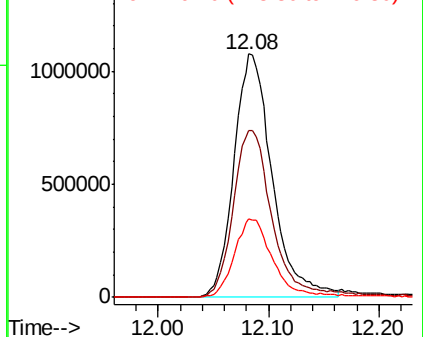
Tot Ion	Ratio	Lower	Upper
117	100		
82	71.6	57.4	86.0
119	33.3	47.4	71.0

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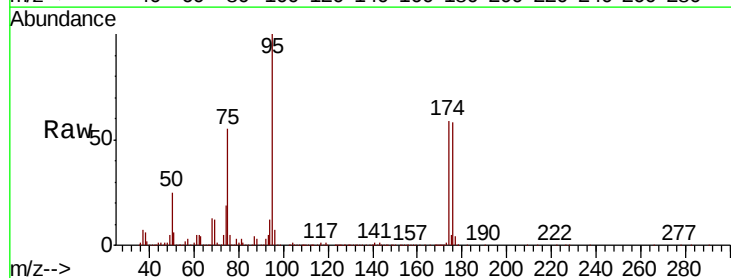


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.591 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL036533.D
Acq: 27 Mar 2021 3:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.8	51.0	76.6
175	4.7	3.9	5.9



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

