

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090723\
 Data File : VL040679.D
 Acq On : 8 Sep 2023 9:12
 Operator : SY/MD
 Sample : 04323-01DL2 1200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2023
 Supervised By :Mahesh Dadoda 09/11/2023

Quant Time: Sep 09 00:06:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.189	49	801735	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2141391	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.468	117	1909680	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1545356	10.175	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%
Target Compounds						
					Qvalue	
15) Acetone	3.484	43	20975	0.214	ppbv #	85
20) Methylene Chloride	3.931	84	23955m	0.500	ppbv	
26) Hexane	5.217	57	9106m	0.102	ppbv	
38) Trichloroethene	7.282	130	8610m	0.131	ppbv	
52) Tetrachloroethene	10.619	164	127711	2.394	ppbv	98

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

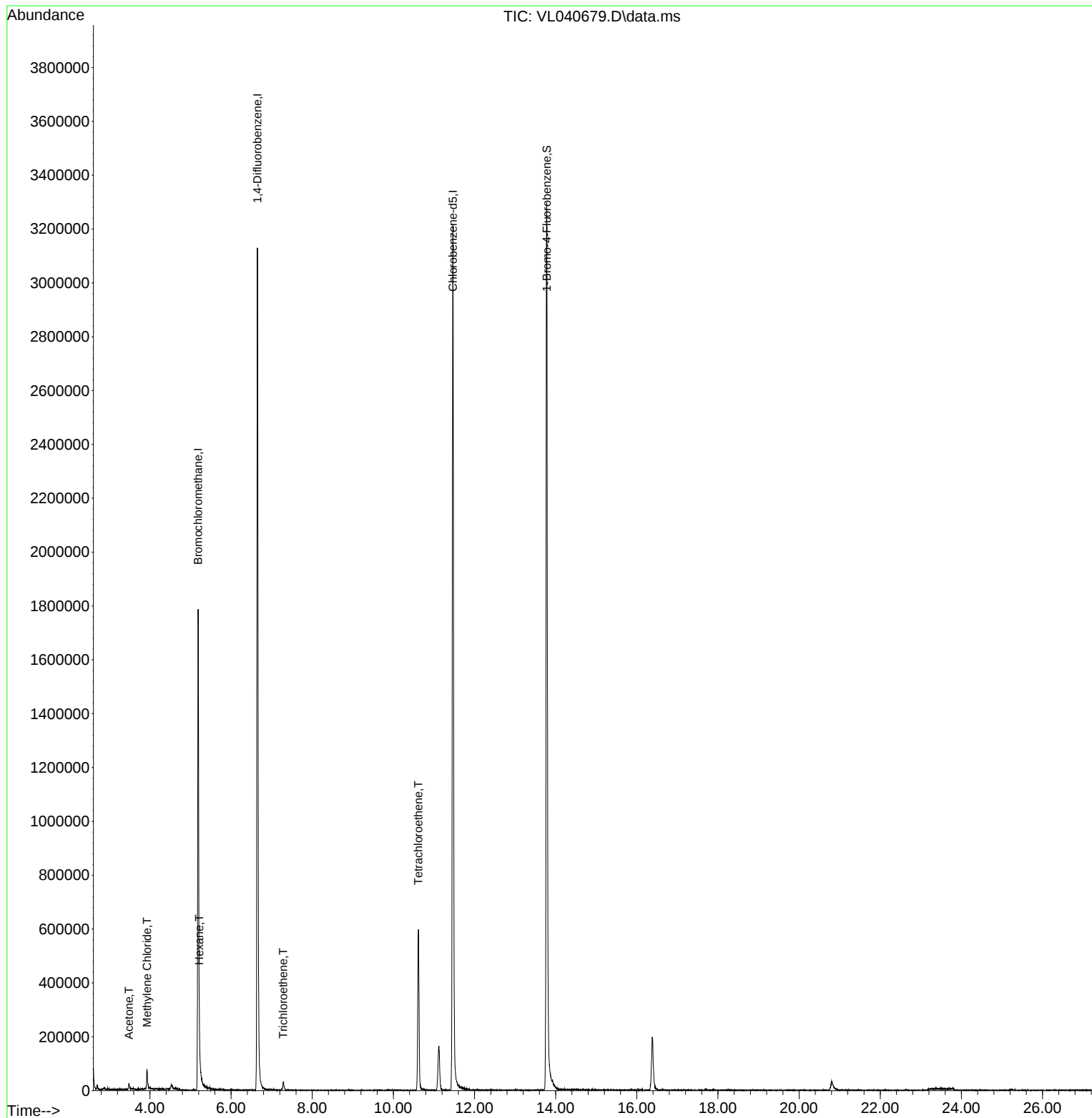
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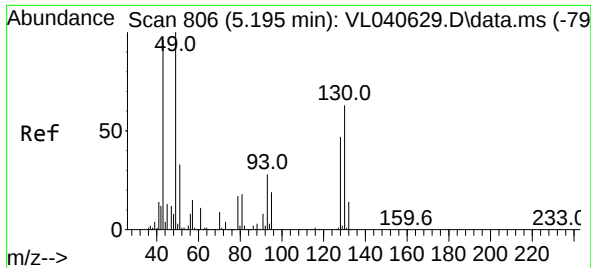
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2

Quant Time: Sep 09 00:06:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Aug 16 05:43:50 2023
Response via : Initial Calibration

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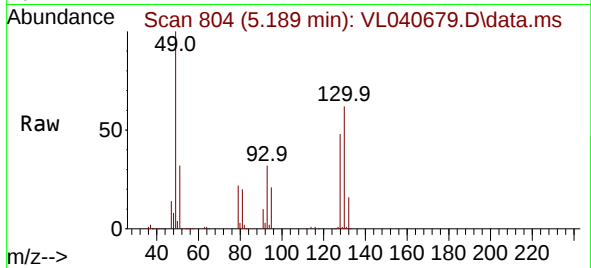
Reviewed By : Semsettin Yesilyurt 09/11/2023
Supervised By : Mahesh Dadoda 09/11/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 806
Delta R.T. -0.006 min
Lab File: VL040679.D
Acq: 8 Sep 2023 9:12

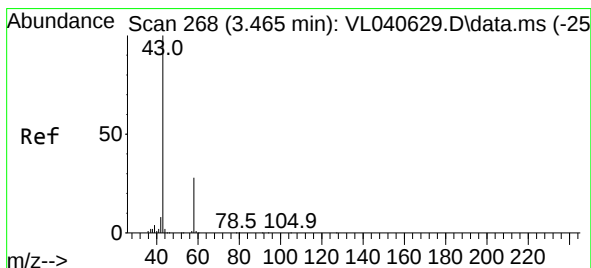
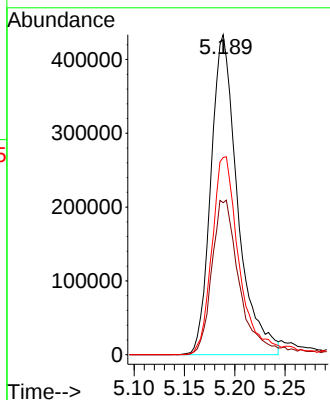
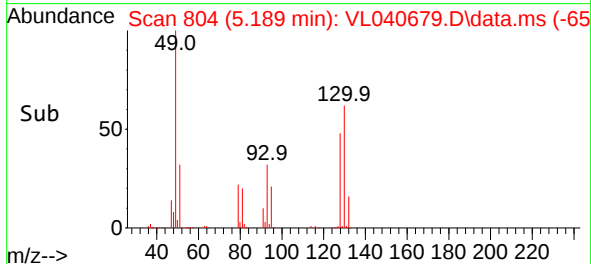
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



Tgt Ion: 49 Resp: 801735
Ion Ratio Lower Upper
49 100
128 51.9 24.9 74.7
130 65.3 32.2 96.6

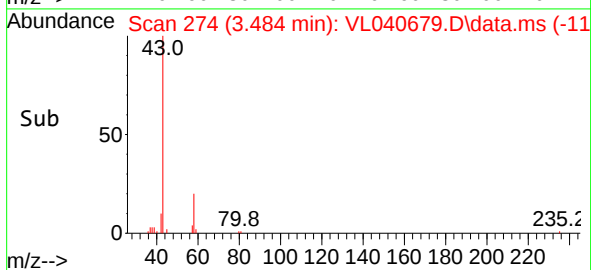
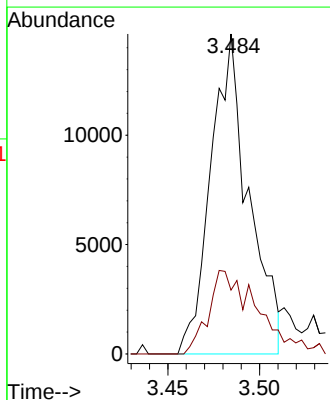
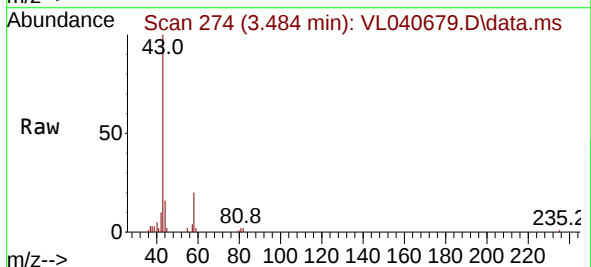
Manual Integrations
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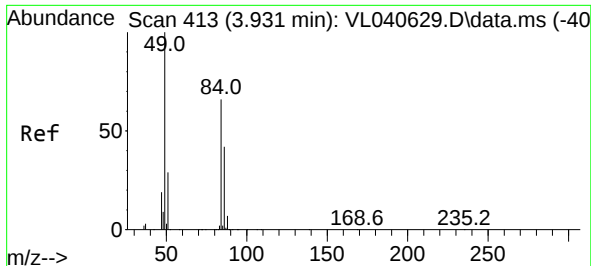
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023



#15
Acetone
Concen: 0.214 ppbv
RT: 3.484 min Scan# 274
Delta R.T. 0.019 min
Lab File: VL040679.D
Acq: 8 Sep 2023 9:12

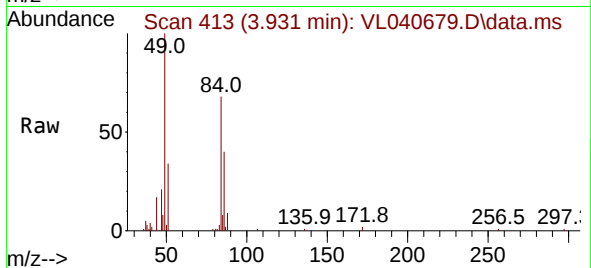
Tgt Ion: 43 Resp: 20975
Ion Ratio Lower Upper
43 100
58 35.8 22.4 33.6#





#20
Methylene Chloride
Concen: 0.500 ppbv m
RT: 3.931 min Scan# 413
Delta R.T. -0.000 min
Lab File: VL040679.D
Acq: 8 Sep 2023 9:12

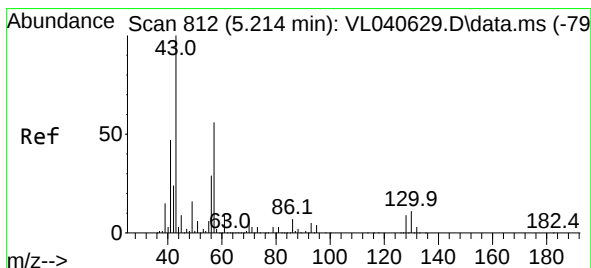
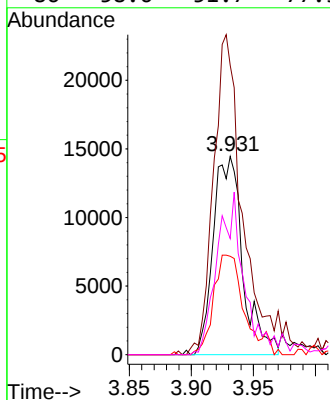
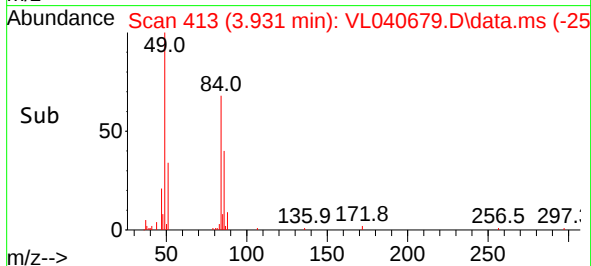
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



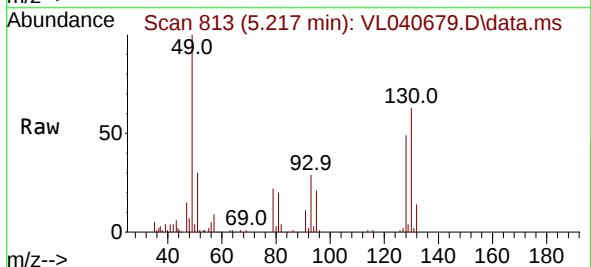
Tgt Ion: 84 Resp: 2395
Ion Ratio Lower Upper
84 100
49 146.0 122.1 183.1
51 49.6 35.4 53.2
86 58.6 51.7 77.5

Manual Integrations
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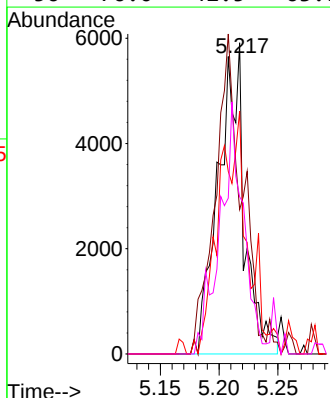
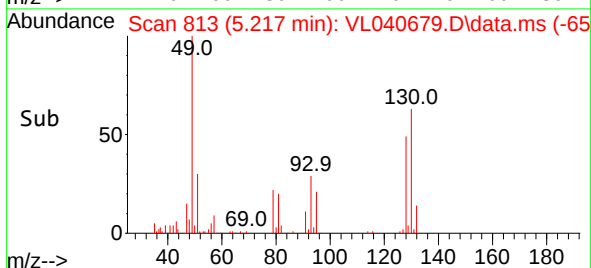
Reviewed By :Semsettin Yesilyurt 09/11/2023
Supervised By :Mahesh Dadoda 09/11/2023

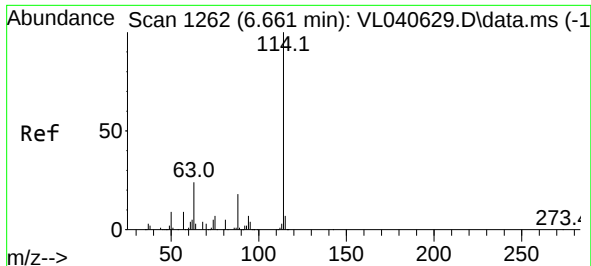


#26
Hexane
Concen: 0.102 ppbv m
RT: 5.217 min Scan# 813
Delta R.T. 0.003 min
Lab File: VL040679.D
Acq: 8 Sep 2023 9:12



Tgt Ion: 57 Resp: 9106
Ion Ratio Lower Upper
57 100
41 107.2 69.3 103.9#
43 0.0 177.9 266.9#
56 76.0 42.5 63.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 1455

Delta R.T. -0.013 min

Lab File: VL040679.D

Acq: 8 Sep 2023 9:12

Instrument :

MSVOA_L

ClientSampleId :

SV1DL2

Tgt Ion:114 Resp: 214139

Ion Ratio Lower Upper

114 100

63 26.1 20.2 30.2

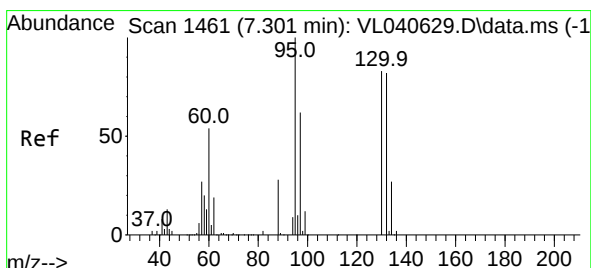
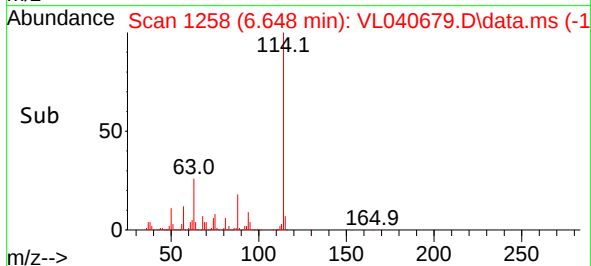
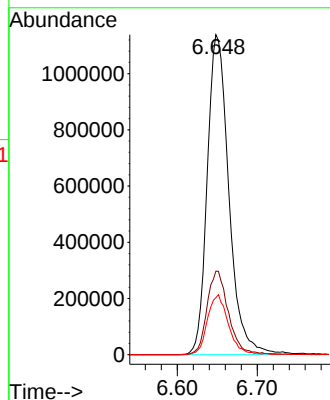
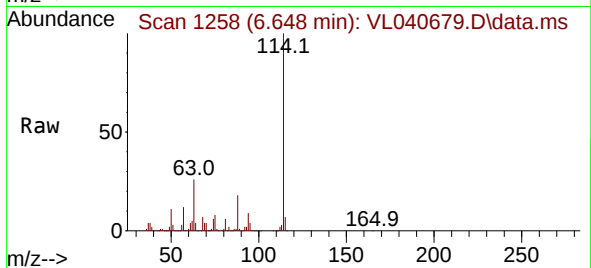
88 18.4 14.1 21.1

Manual Integrations

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#38

Trichloroethene

Concen: 0.131 ppbv m

RT: 7.282 min Scan# 1455

Delta R.T. -0.019 min

Lab File: VL040679.D

Acq: 8 Sep 2023 9:12

Tgt Ion:130 Resp: 8610

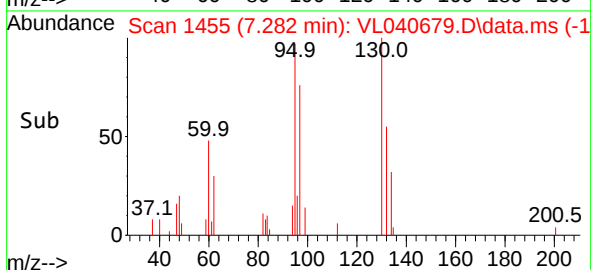
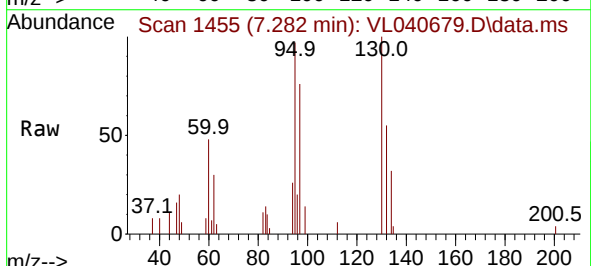
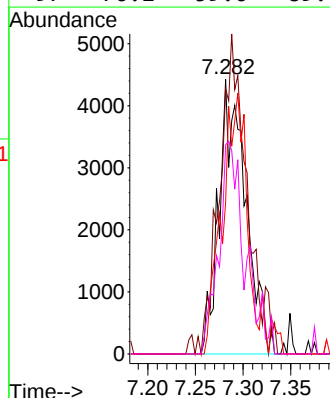
Ion Ratio Lower Upper

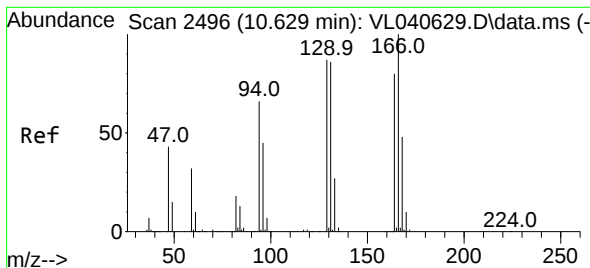
130 100

95 96.6 95.9 143.9

132 55.3 79.0 118.4#

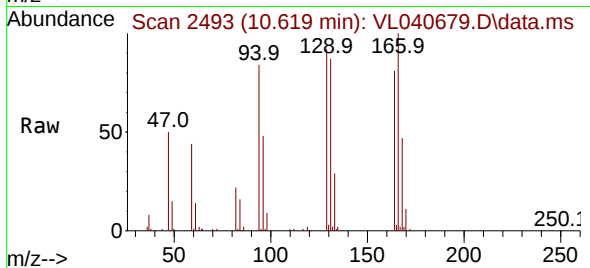
97 76.2 59.6 89.4





#52
Tetrachloroethene
Concen: 2.394 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.010 min
Lab File: VL040679.D
Acq: 8 Sep 2023 9:12

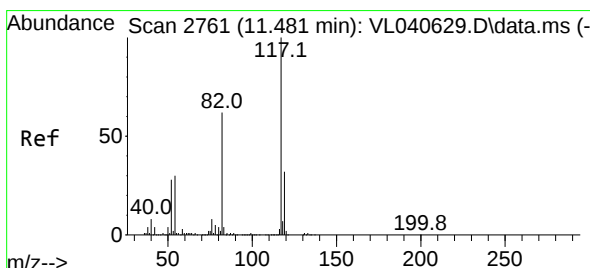
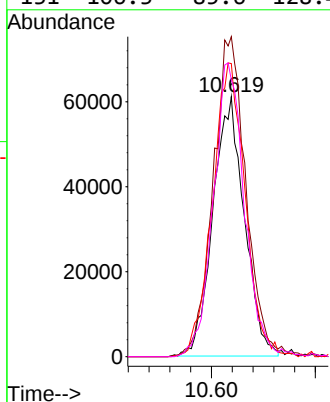
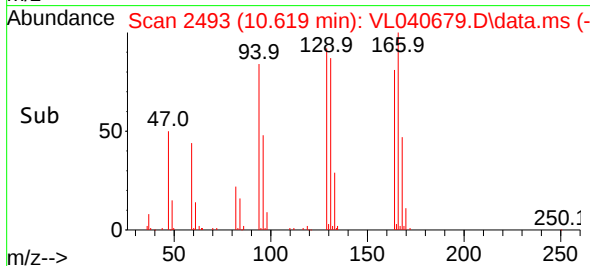
Instrument :
MSVOA_L
ClientSampleId :
SV1DL2



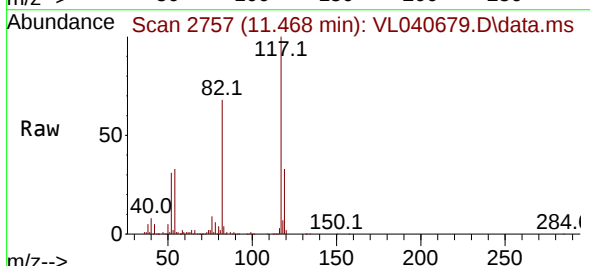
Tgt Ion:164 Resp: 12771
Ion Ratio Lower Upper
164 100
166 122.6 99.5 149.3
129 112.6 86.9 130.3
131 106.3 85.6 128.4

Manual Integrations
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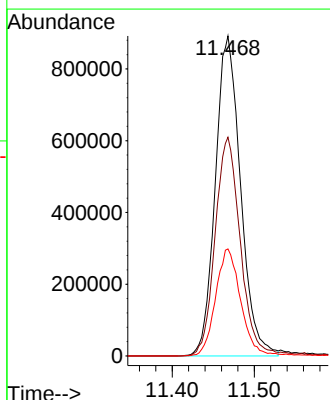
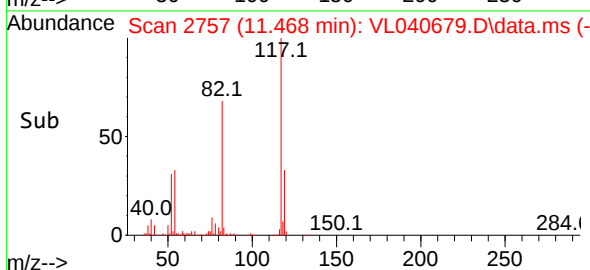
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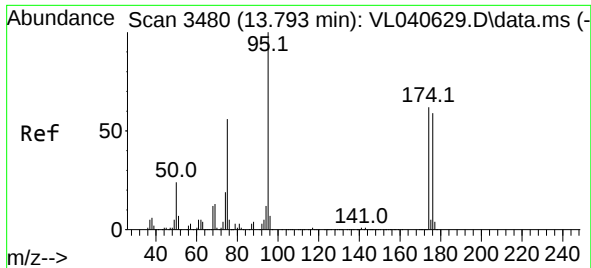


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. -0.013 min
Lab File: VL040679.D
Acq: 8 Sep 2023 9:12



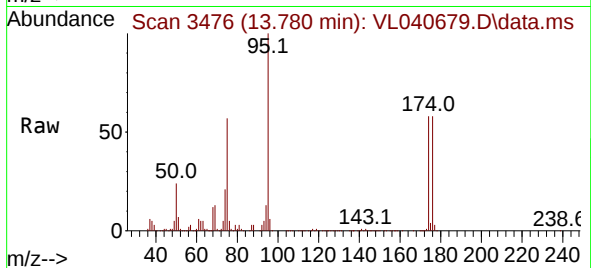
Tgt Ion:117 Resp: 1909680
Ion Ratio Lower Upper
117 100
82 69.2 49.5 74.3
119 33.7 24.5 36.7





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.175 ppbv
 RT: 13.780 min Scan# 34
 Delta R.T. -0.013 min
 Lab File: VL040679.D
 Acq: 8 Sep 2023 9:12

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL2



Tgt Ion: 95 Resp: 154535
 Ion Ratio Lower Upper
 95 100
 174 62.5 49.1 73.7
 175 4.4 3.7 5.5

Manual Integrations
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