

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110222\
 Data File : VL039814.D
 Acq On : 2 Nov 2022 13:17
 Operator : SY/AP
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

Quant Time: Nov 02 13:55:24 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Nov 02 11:28:32 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1103549	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2983316	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2703169	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	2044111	10.630	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.300%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.928	62	6296m	0.091	ppbv	
32) 1,1,1-Trichloroethane	5.996	97	14952m	0.098	ppbv	
35) Carbon Tetrachloride	6.484	117	14368m	0.084	ppbv	
38) Trichloroethene	7.279	130	11471m	0.088	ppbv	
52) Tetrachloroethene	10.600	164	8100m	0.094	ppbv	
54) 1,2-Dibromoethane	9.992	107	8908m	0.093	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.037	83	9390m	0.086	ppbv	
79) Naphthalene	21.378	128	17713m	0.095	ppbv	

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

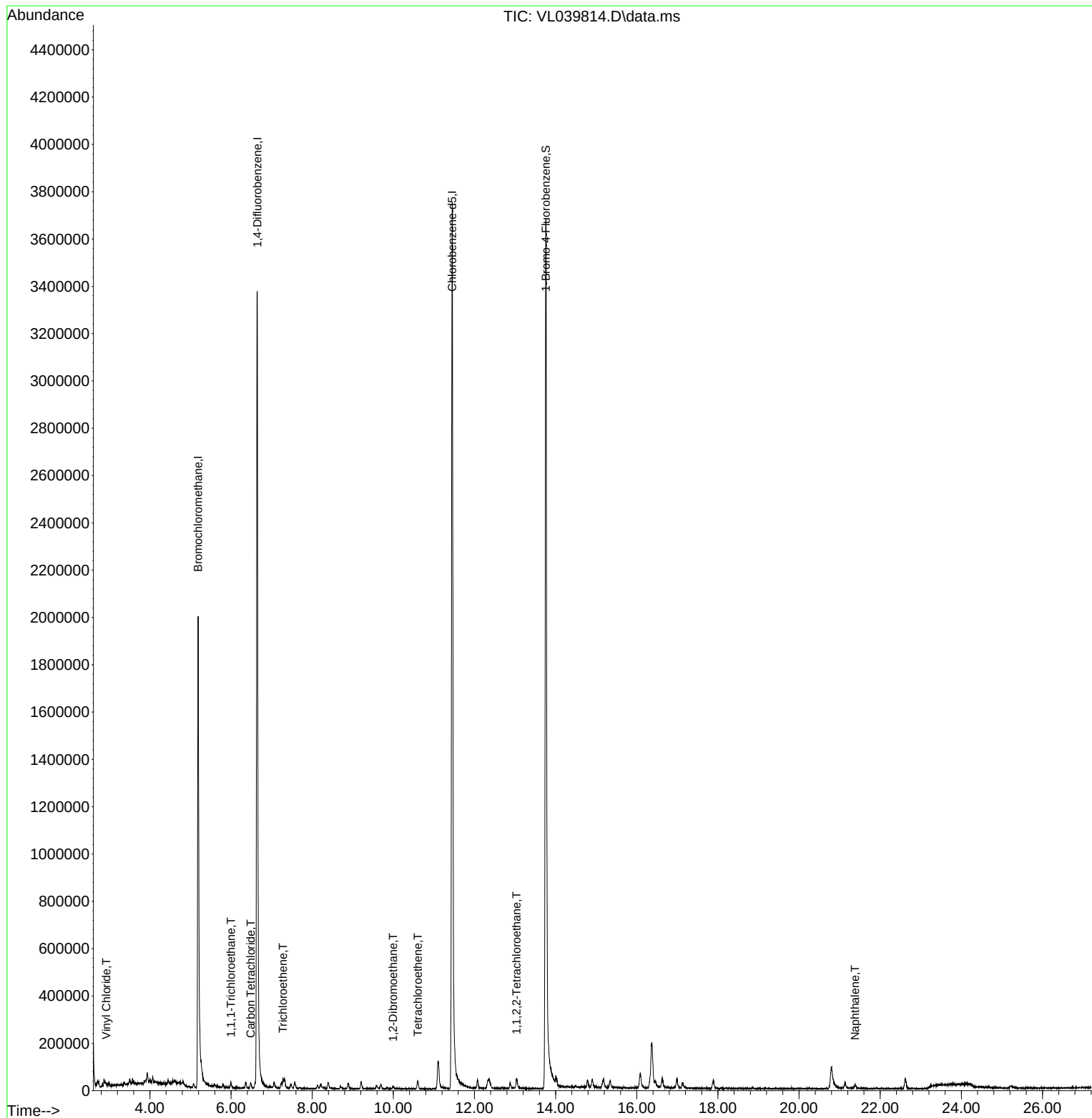
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110222\
Data File : VL039814.D
Acq On : 2 Nov 2022 13:17
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

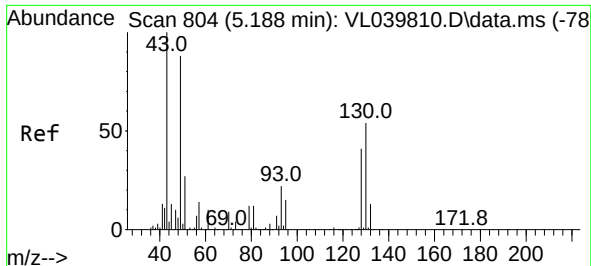
Instrument :
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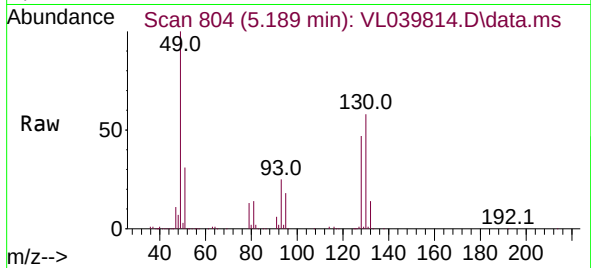
Quant Time: Nov 02 13:55:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Nov 02 11:28:32 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.001 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

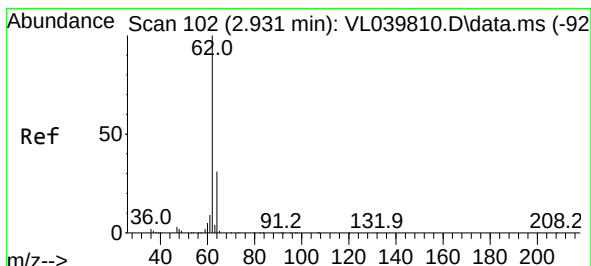
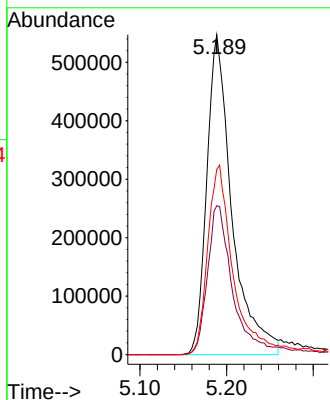
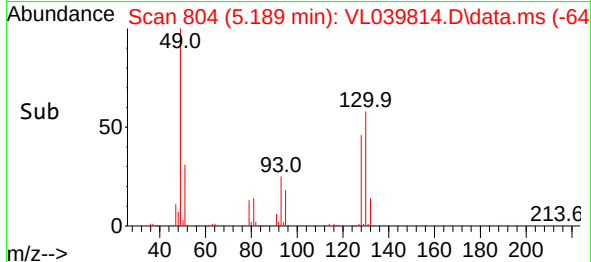
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



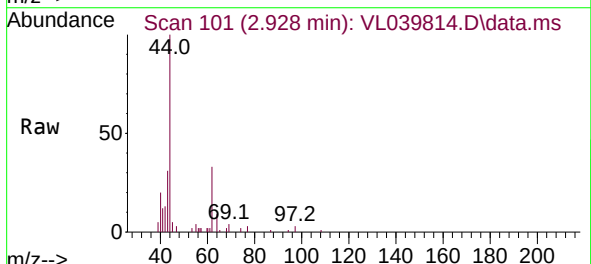
Tgt Ion: 49 Resp: 1103549
Ion Ratio Lower Upper
49 100
128 50.2 24.6 73.6
130 63.3 31.1 93.2

Manual Integrations
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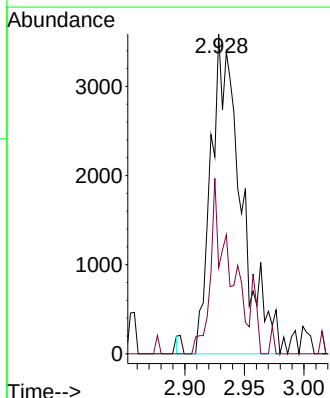
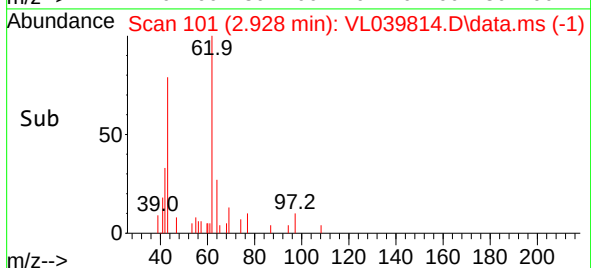
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

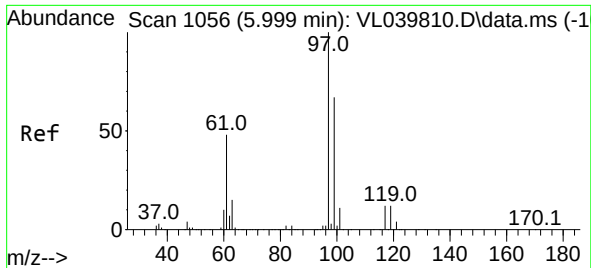


#5
Vinyl Chloride
Concen: 0.091 ppbv m
RT: 2.928 min Scan# 101
Delta R.T. -0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17



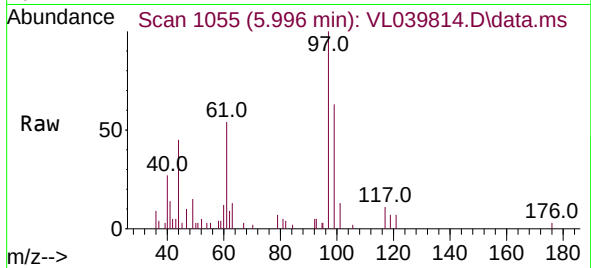
Tgt Ion: 62 Resp: 6296
Ion Ratio Lower Upper
62 100
64 26.9 25.0 37.4





#32
1,1,1-Trichloroethane
Concen: 0.098 ppbv
RT: 5.996 min Scan# 1055
Delta R.T. -0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

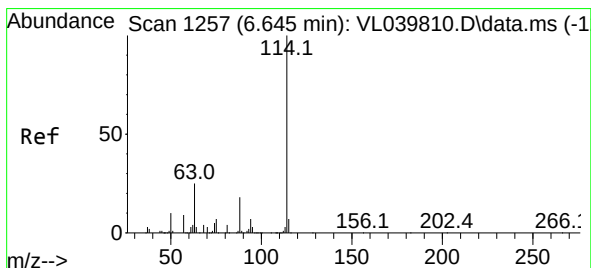
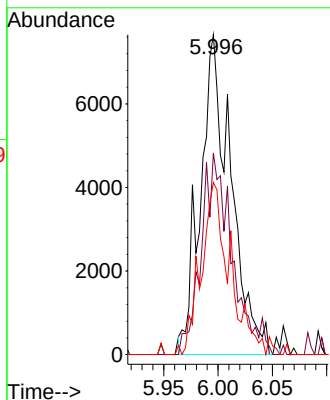
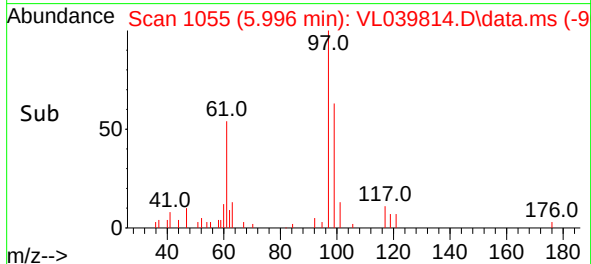
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 97 Resp: 14952
Ion Ratio Lower Upper
97 100
99 63.8 52.7 79.1
61 52.0 38.9 58.3

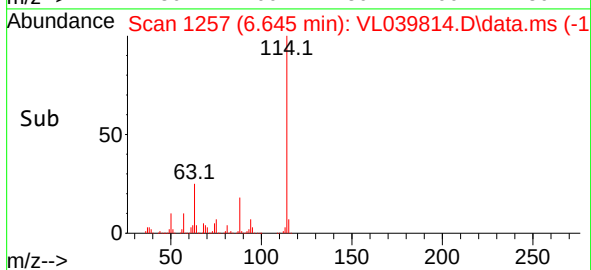
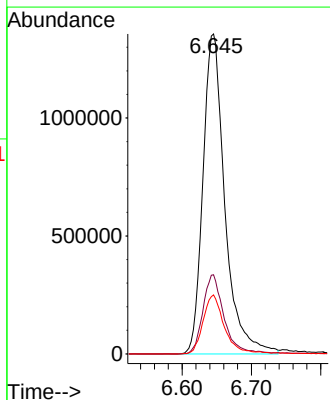
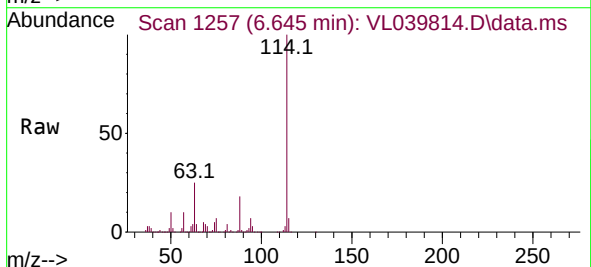
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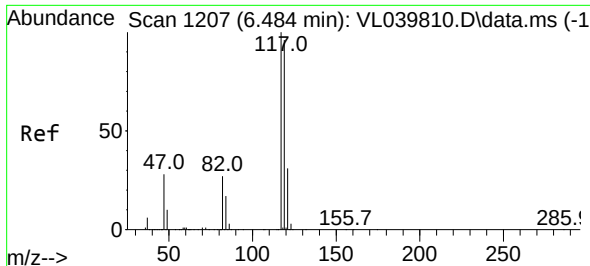
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

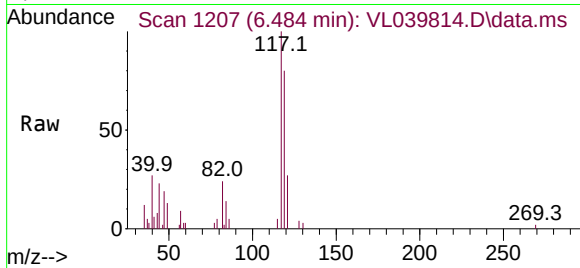
Tgt Ion:114 Resp: 2983316
Ion Ratio Lower Upper
114 100
63 24.2 19.8 29.6
88 18.3 14.4 21.6





#35
Carbon Tetrachloride
Concen: 0.084 ppbv m
RT: 6.484 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

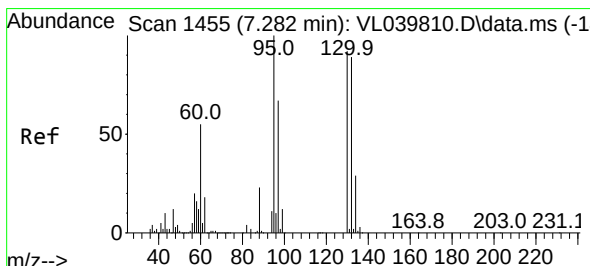
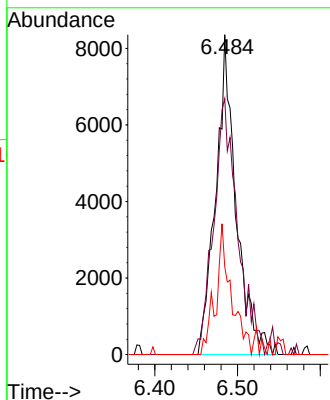
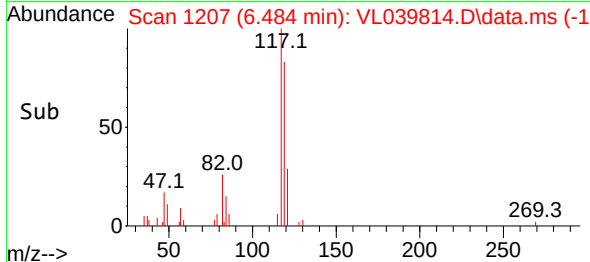
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion:117 Resp: 14368
Ion Ratio Lower Upper
117 100
119 80.0 76.5 114.7
121 27.4 25.2 37.8

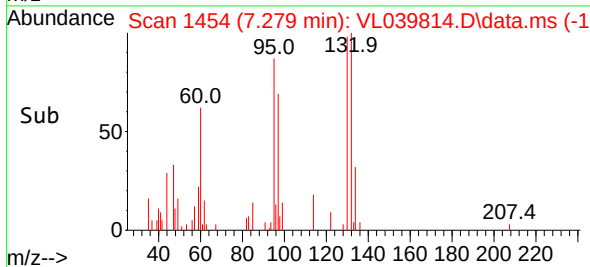
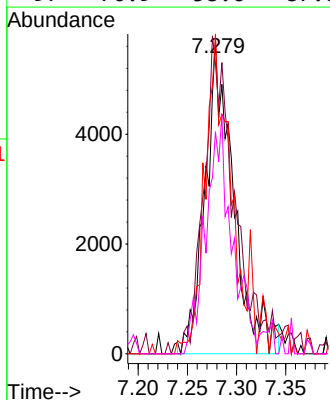
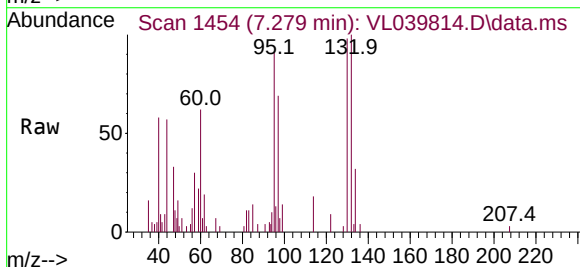
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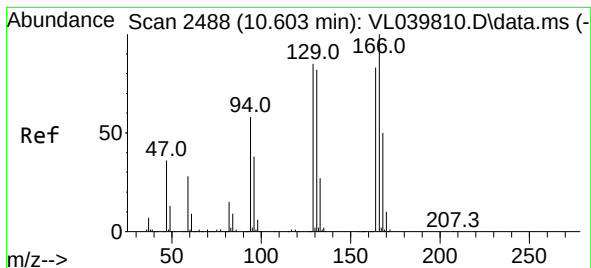
Reviewed By :Semsettin Yesilyurt 11/03/2022
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#38
Trichloroethene
Concen: 0.088 ppbv m
RT: 7.279 min Scan# 1454
Delta R.T. -0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

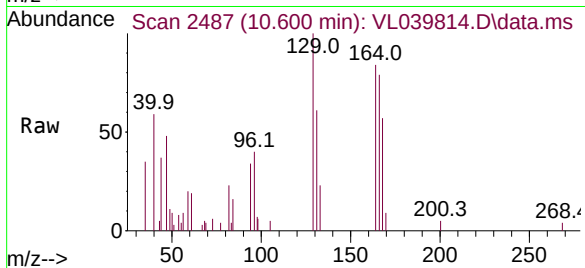
Tgt Ion:130 Resp: 11471
Ion Ratio Lower Upper
130 100
95 92.6 87.4 131.2
132 102.1 77.7 116.5
97 70.9 58.6 87.8





#52
Tetrachloroethene
Concen: 0.094 ppbv m
RT: 10.600 min Scan# 2488
Delta R.T. -0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

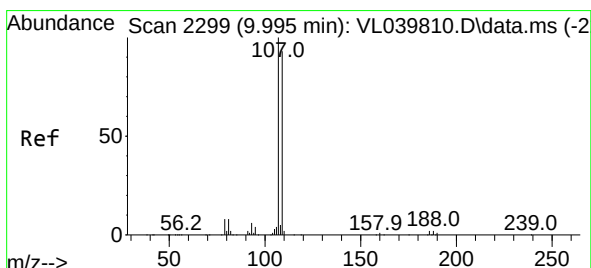
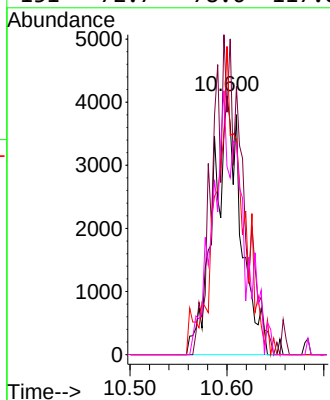
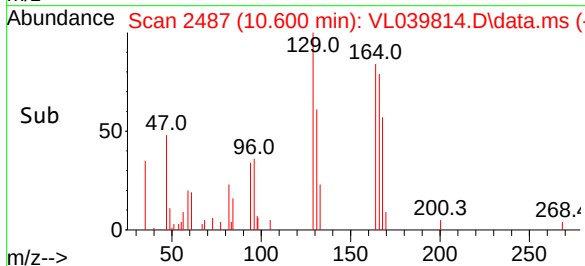
Instrument : MSVOA_L
ClientSampleId : VSTDIC0.1



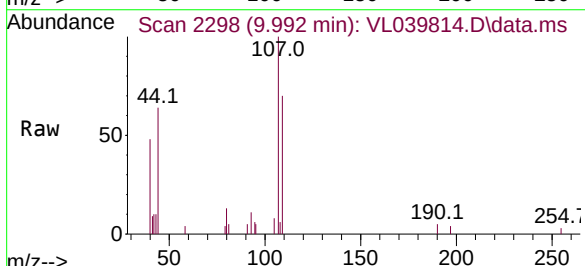
Tgt Ion:164 Resp: 8100
Ion Ratio Lower Upper
164 100
166 93.7 96.0 144.0
129 119.2 81.4 122.2
131 72.7 78.6 117.8#

Manual Integrations
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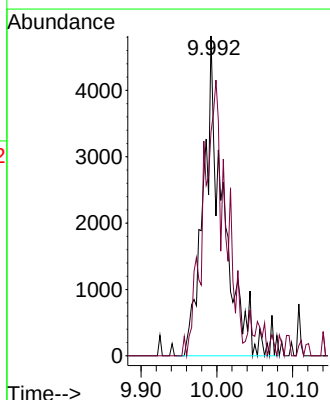
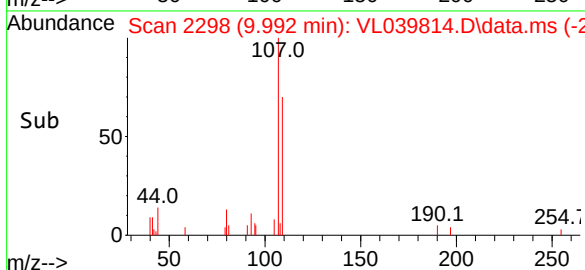
Reviewed By :Semsettin Yesilyurt 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

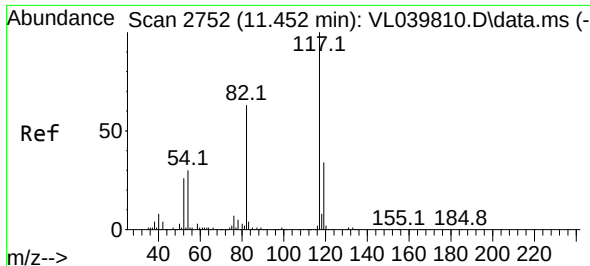


#54
1,2-Dibromoethane
Concen: 0.093 ppbv m
RT: 9.992 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17



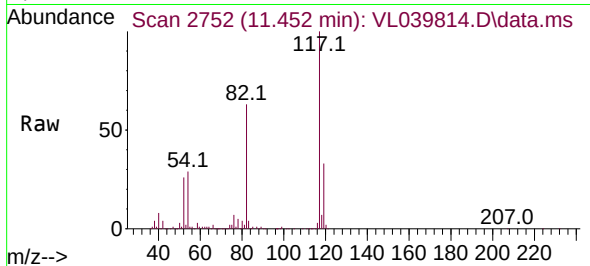
Tgt Ion:107 Resp: 8908
Ion Ratio Lower Upper
107 100
109 70.0 74.5 111.7#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

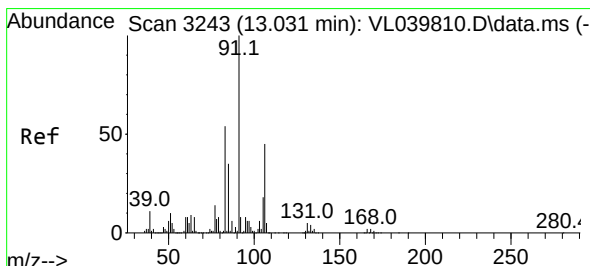
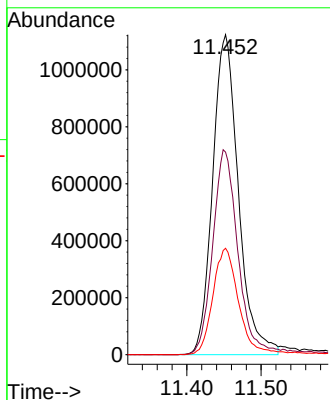
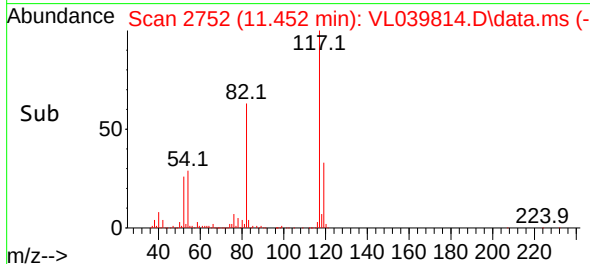
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



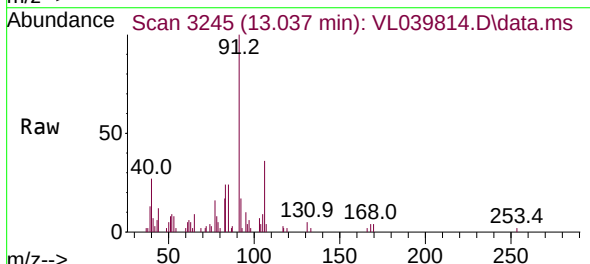
Tgt Ion: 117 Resp: 2703169
Ion Ratio Lower Upper
117 100
82 64.7 51.0 76.6
119 34.3 24.7 37.1

Manual Integrations
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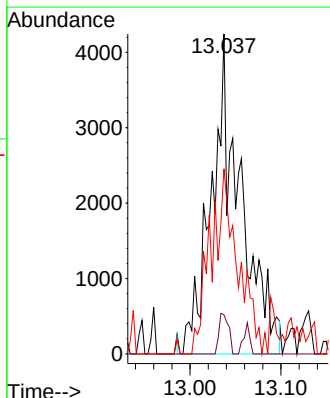
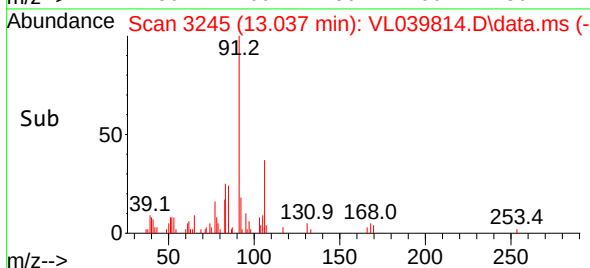
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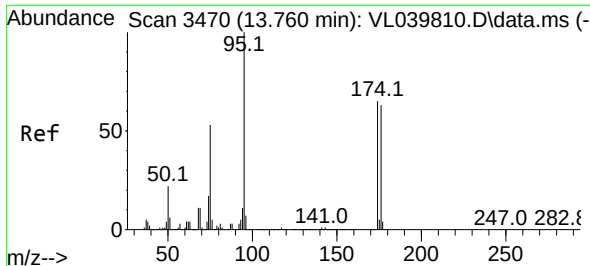


#63
1,1,2,2-Tetrachloroethane
Concen: 0.086 ppbv m
RT: 13.037 min Scan# 3245
Delta R.T. 0.007 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17



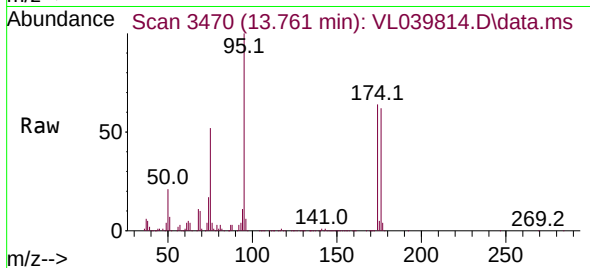
Tgt Ion: 83 Resp: 9390
Ion Ratio Lower Upper
83 100
131 6.2 4.6 13.8
85 53.6 33.3 99.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.630 ppbv
RT: 13.761 min Scan# 3470
Delta R.T. 0.000 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17

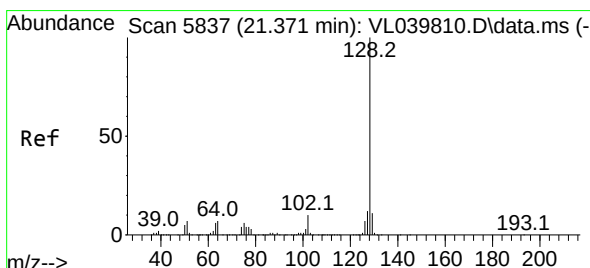
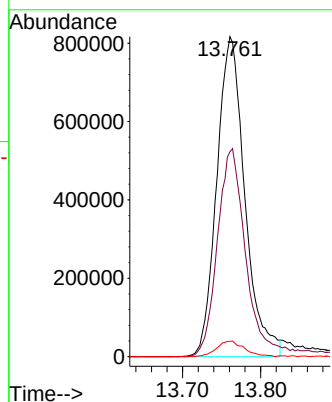
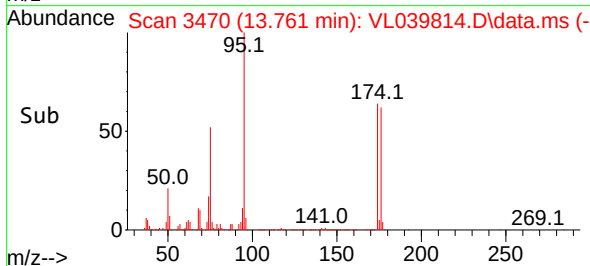
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



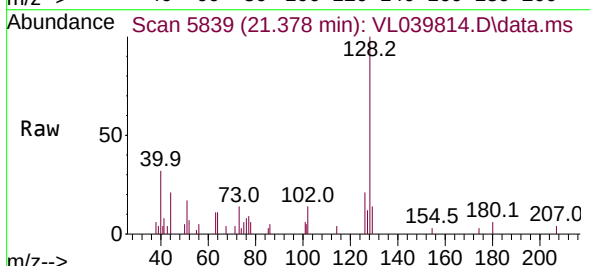
Tgt Ion: 95 Resp: 204411
Ion Ratio Lower Upper
95 100
174 69.4 53.4 80.0
175 5.0 4.1 6.1

Manual Integrations
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#79
Naphthalene
Concen: 0.095 ppbv m
RT: 21.378 min Scan# 5839
Delta R.T. 0.007 min
Lab File: VL039814.D
Acq: 2 Nov 2022 13:17



Tgt Ion:128 Resp: 17713
Ion Ratio Lower Upper
128 100
127 12.3 9.8 14.6
129 13.8 8.6 13.0#

