

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
 Data File : VL040840.D
 Acq On : 13 Nov 2023 13:55
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/15/2023
 Supervised By :Semsettin Yesilyurt 11/15/2023

Quant Time: Nov 13 15:33:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Mon Nov 13 15:18:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1134164	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.645	114	2904674	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.449	117	2574303	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	2054936	10.724	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.200%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.931	62	2021m	0.030	ppbv	
32) 1,1,1-Trichloroethane	5.995	97	4618m	0.025	ppbv	
35) Carbon Tetrachloride	6.484	117	4782m	0.029	ppbv	
38) Trichloroethene	7.278	130	3318m	0.034	ppbv	
52) Tetrachloroethene	10.593	164	2432m	0.027	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.034	83	6096m	0.032	ppbv	

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

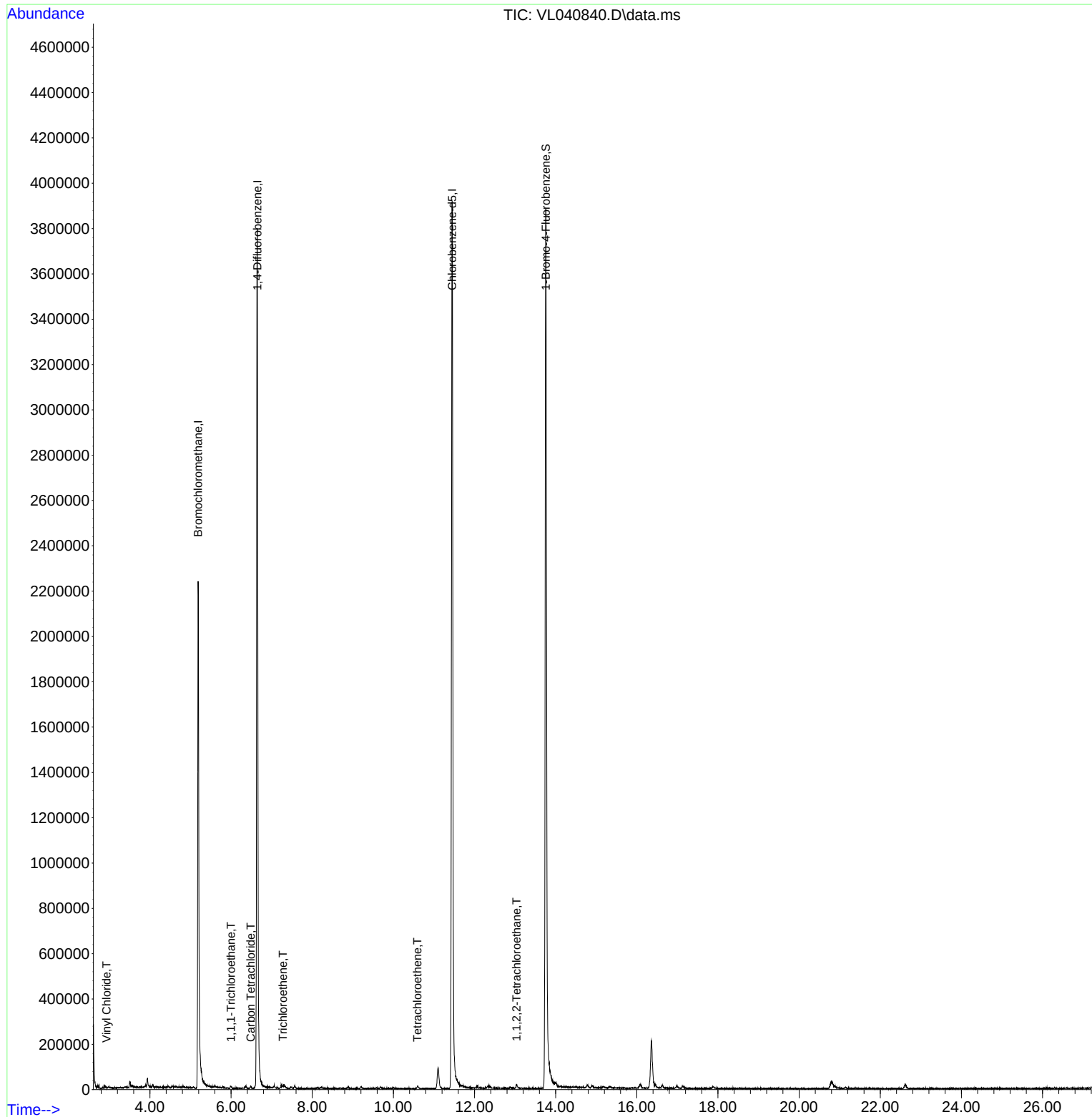
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111323\
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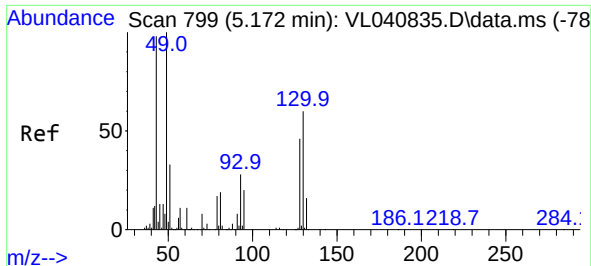
Instrument :
MSVOA_L
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VSTDICC0.03

Quant Time: Nov 13 15:33:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
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QLast Update : Mon Nov 13 15:18:50 2023
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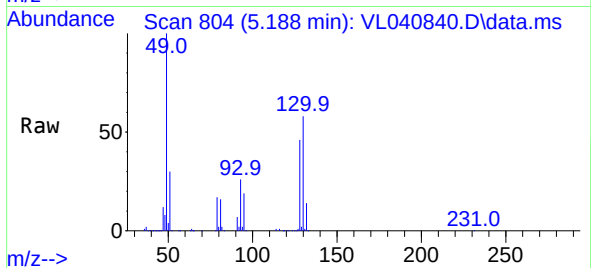
Reviewed By : Mahesh Dadoda 11/15/2023
Supervised By : Semsettin Yesilyurt 11/15/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 80
Delta R.T. 0.016 min
Lab File: VL040840.D
Acq: 13 Nov 2023 13:55

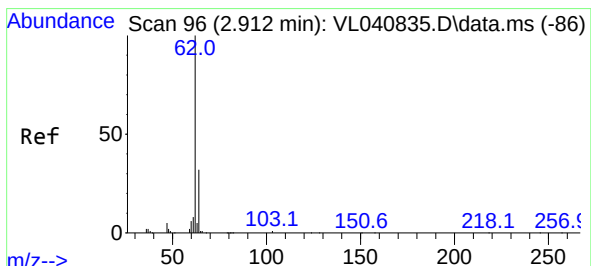
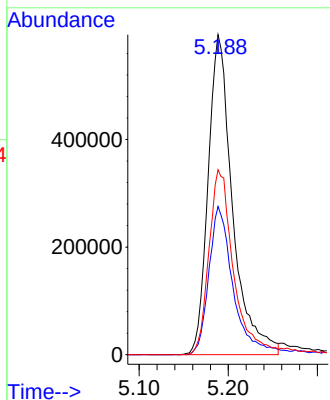
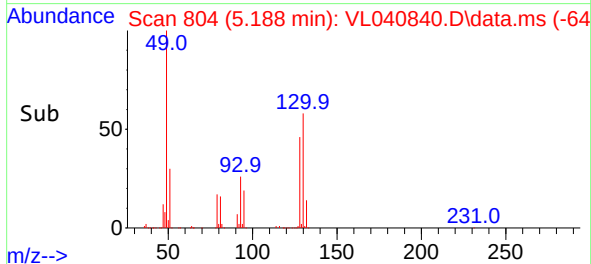
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



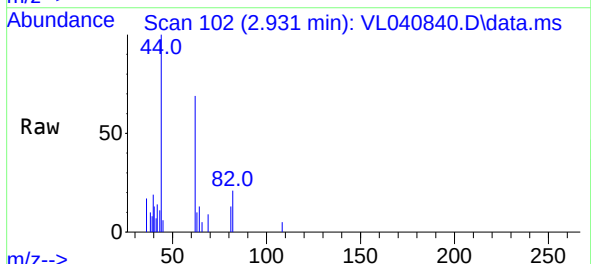
Tgt Ion: 49 Resp: 1134164
Ion Ratio Lower Upper
49 100
128 48.2 23.8 71.2
130 61.3 30.9 92.8

Manual Integrations
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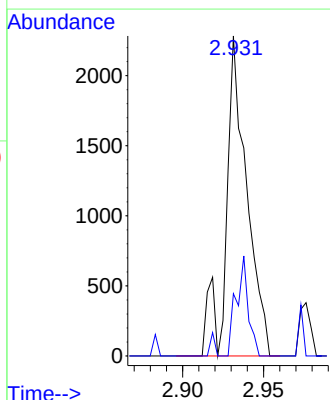
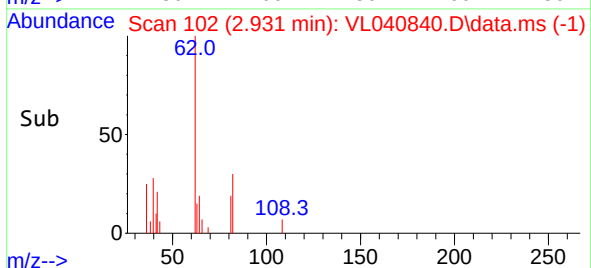
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Supervised By :Semsettin Yesilyurt 11/15/2023

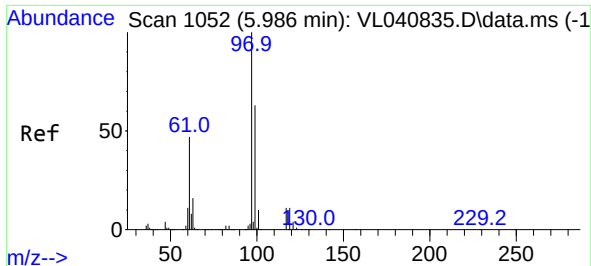


#5
Vinyl Chloride
Concen: 0.030 ppbv m
RT: 2.931 min Scan# 102
Delta R.T. 0.019 min
Lab File: VL040840.D
Acq: 13 Nov 2023 13:55



Tgt Ion: 62 Resp: 2021
Ion Ratio Lower Upper
62 100
64 19.4 25.4 38.2#





#32

1,1,1-Trichloroethane

Concen: 0.025 ppbv m

RT: 5.995 min Scan# 1052

Delta R.T. 0.010 min

Lab File: VL040840.D

Acq: 13 Nov 2023 13:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

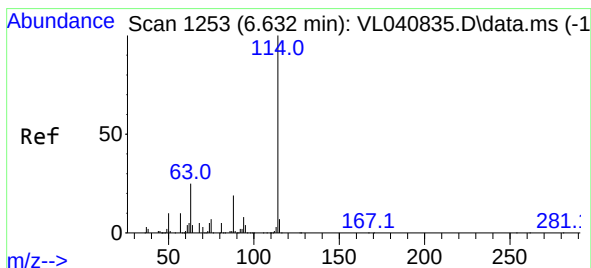
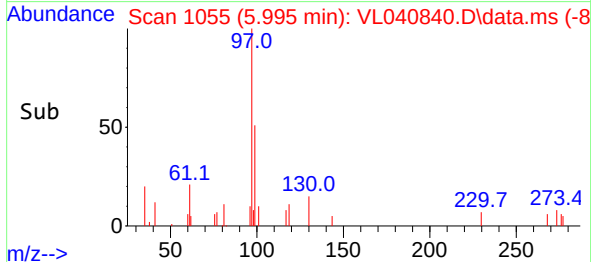
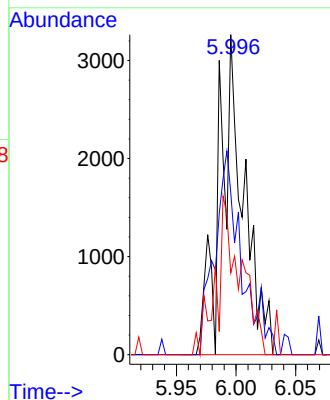
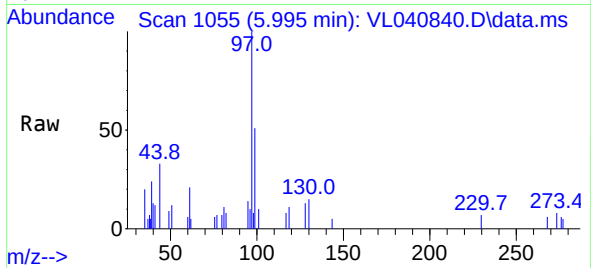
Tgt Ion: 97 Resp: 4618

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.2	78.4
61	0.0	41.0	61.4

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 1257

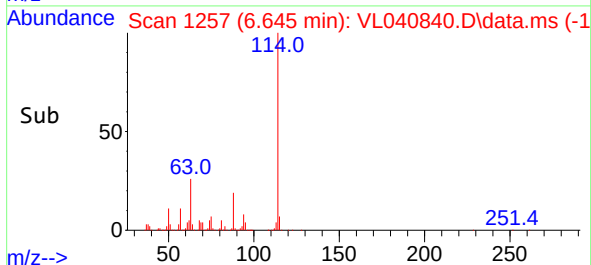
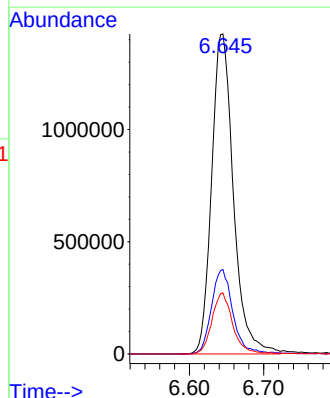
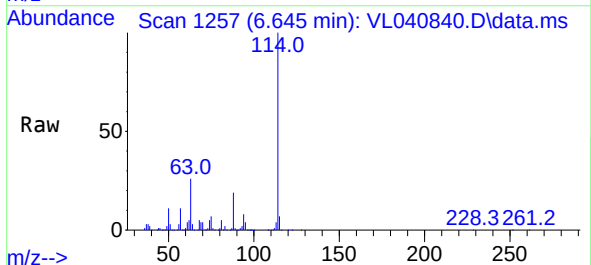
Delta R.T. 0.013 min

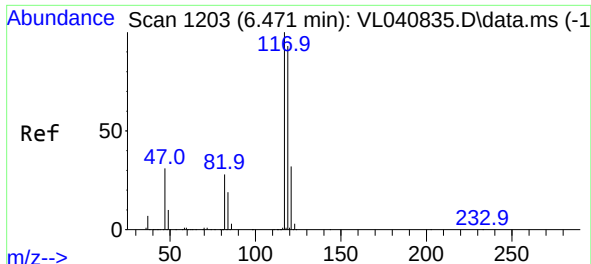
Lab File: VL040840.D

Acq: 13 Nov 2023 13:55

Tgt Ion:114 Resp: 2904674

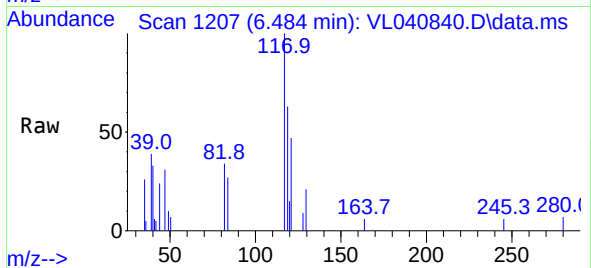
Ion	Ratio	Lower	Upper
114	100		
63	26.2	20.7	31.1
88	18.4	14.3	21.5





#35
Carbon Tetrachloride
Concen: 0.029 ppbv m
RT: 6.484 min Scan# 117
Delta R.T. 0.013 min
Lab File: VL040840.D
Acq: 13 Nov 2023 13:55

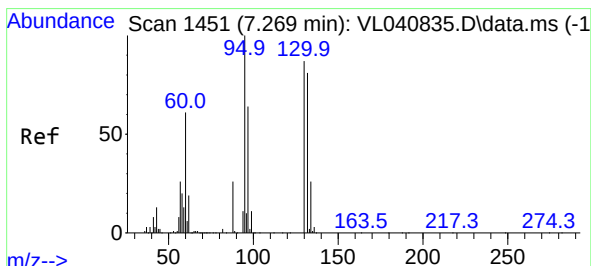
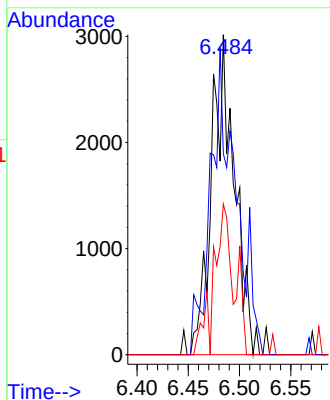
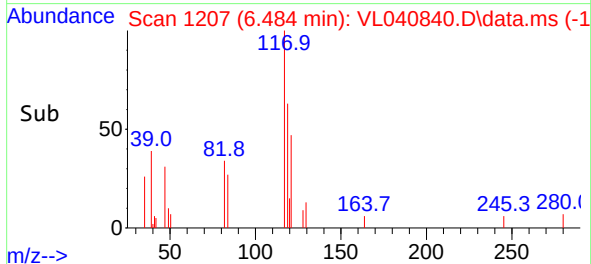
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



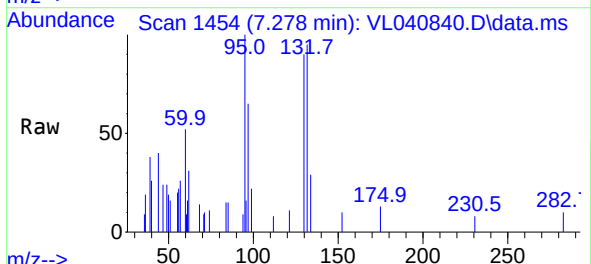
Tgt Ion:117 Resp: 4782
Ion Ratio Lower Upper
117 100
119 62.9 74.7 112.1
121 47.1 25.5 38.3

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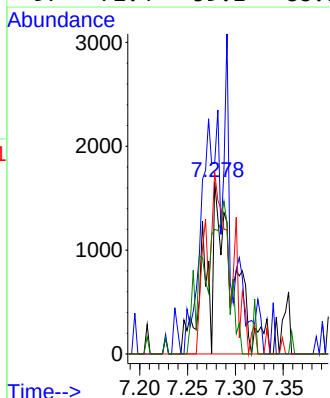
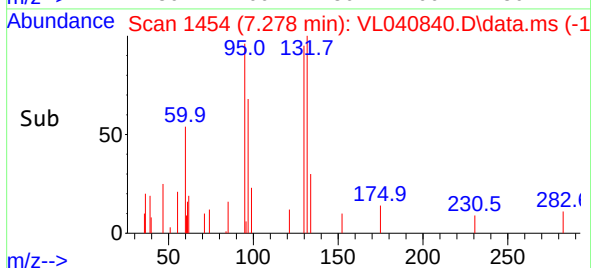
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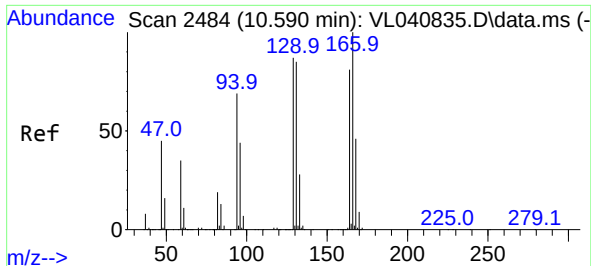


#38
Trichloroethene
Concen: 0.034 ppbv m
RT: 7.278 min Scan# 1454
Delta R.T. 0.010 min
Lab File: VL040840.D
Acq: 13 Nov 2023 13:55



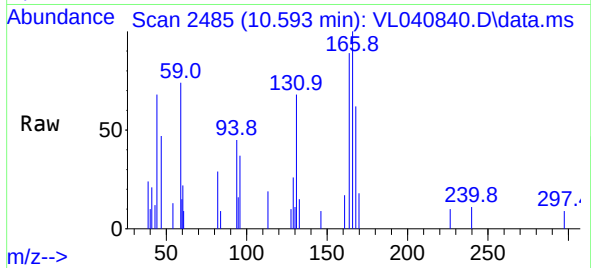
Tgt Ion:130 Resp: 3318
Ion Ratio Lower Upper
130 100
95 110.8 92.4 138.6
132 105.8 75.1 112.7
97 72.4 59.1 88.7





#52
Tetrachloroethene
Concen: 0.027 ppbv m
RT: 10.593 min Scan# 2484
Delta R.T. 0.003 min
Lab File: VL040840.D
Acq: 13 Nov 2023 13:55

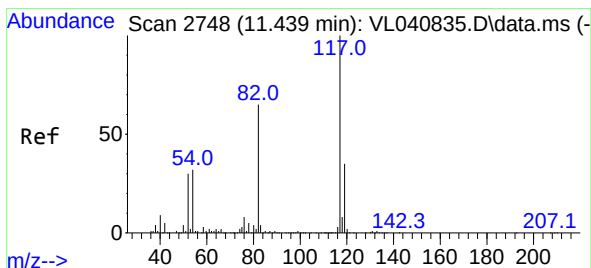
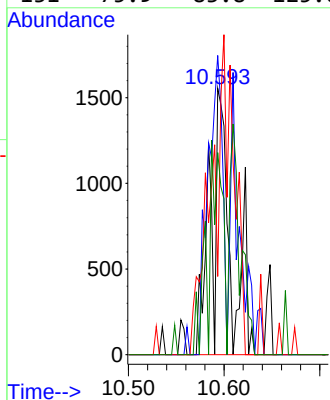
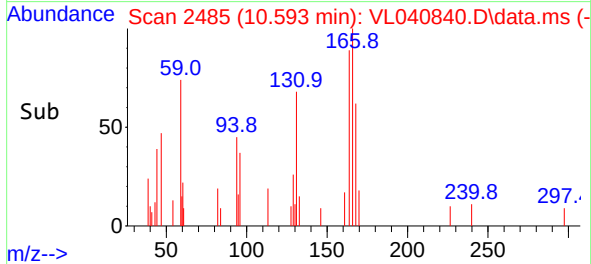
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03



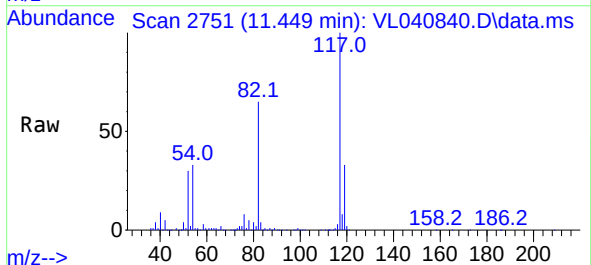
Tgt Ion:164 Resp: 2432
Ion Ratio Lower Upper
164 100
166 112.4 98.3 147.5
129 29.4 85.1 127.7
131 75.9 83.8 125.6

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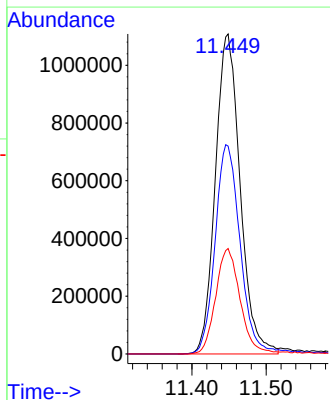
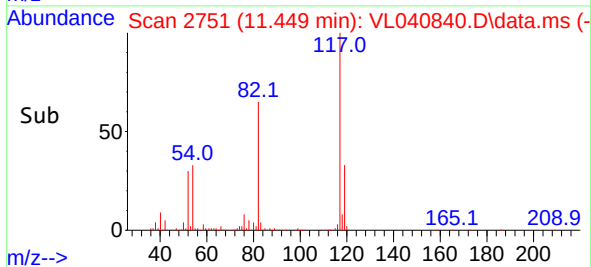
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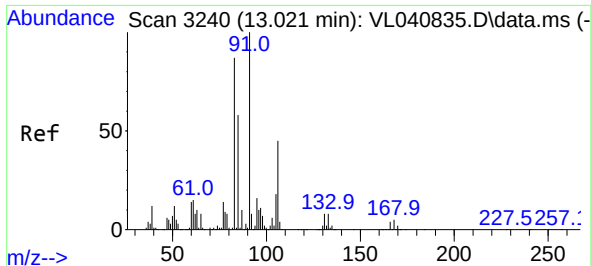


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 2751
Delta R.T. 0.010 min
Lab File: VL040840.D
Acq: 13 Nov 2023 13:55



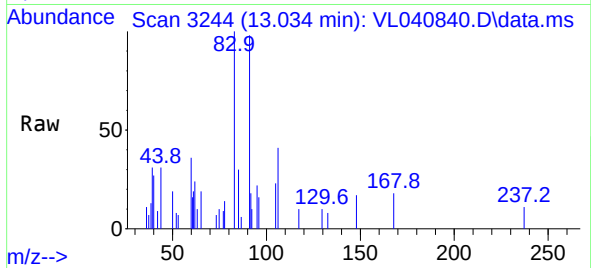
Tgt Ion:117 Resp: 2574303
Ion Ratio Lower Upper
117 100
82 66.9 50.6 75.8
119 33.2 23.3 34.9





#63
1,1,2,2-Tetrachloroethane
Concen: 0.032 ppbv m
RT: 13.034 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL040840.D
Acq: 13 Nov 2023 13:55

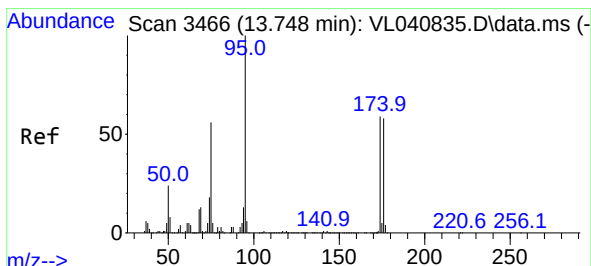
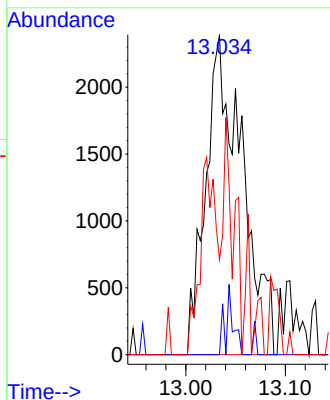
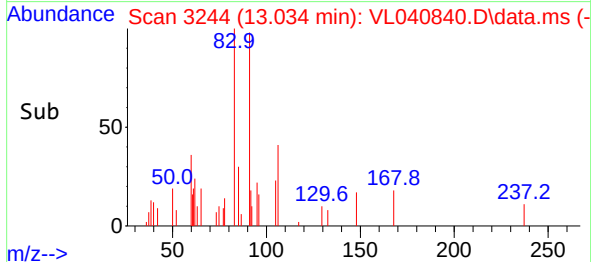
Instrument :
MSVOA_L
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Tgt Ion: 83 Resp: 6090
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8
85 0.0 32.6 98.0

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.724 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. 0.010 min
Lab File: VL040840.D
Acq: 13 Nov 2023 13:55

Tgt Ion: 95 Resp: 2054936
Ion Ratio Lower Upper
95 100
174 60.5 47.9 71.9
175 4.6 3.6 5.4

