

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041779.D
 Acq On : 17 Dec 2024 15:15
 Operator : SY/MD
 Sample : MDL 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL 0.03

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 21 03:04:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	55250	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	140230	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	120390	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	96719	9.641	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.580	62	194	0.050	ppbv	90
32) 1,1,1-Trichloroethane	3.370	97	380m	0.032	ppbv	
35) Carbon Tetrachloride	3.774	117	374m	0.038	ppbv	
38) Trichloroethene	4.554	130	35m	0.006	ppbv	
52) Tetrachloroethene	8.231	164	108m	0.020	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.976	83	465	0.043	ppbv #	90

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

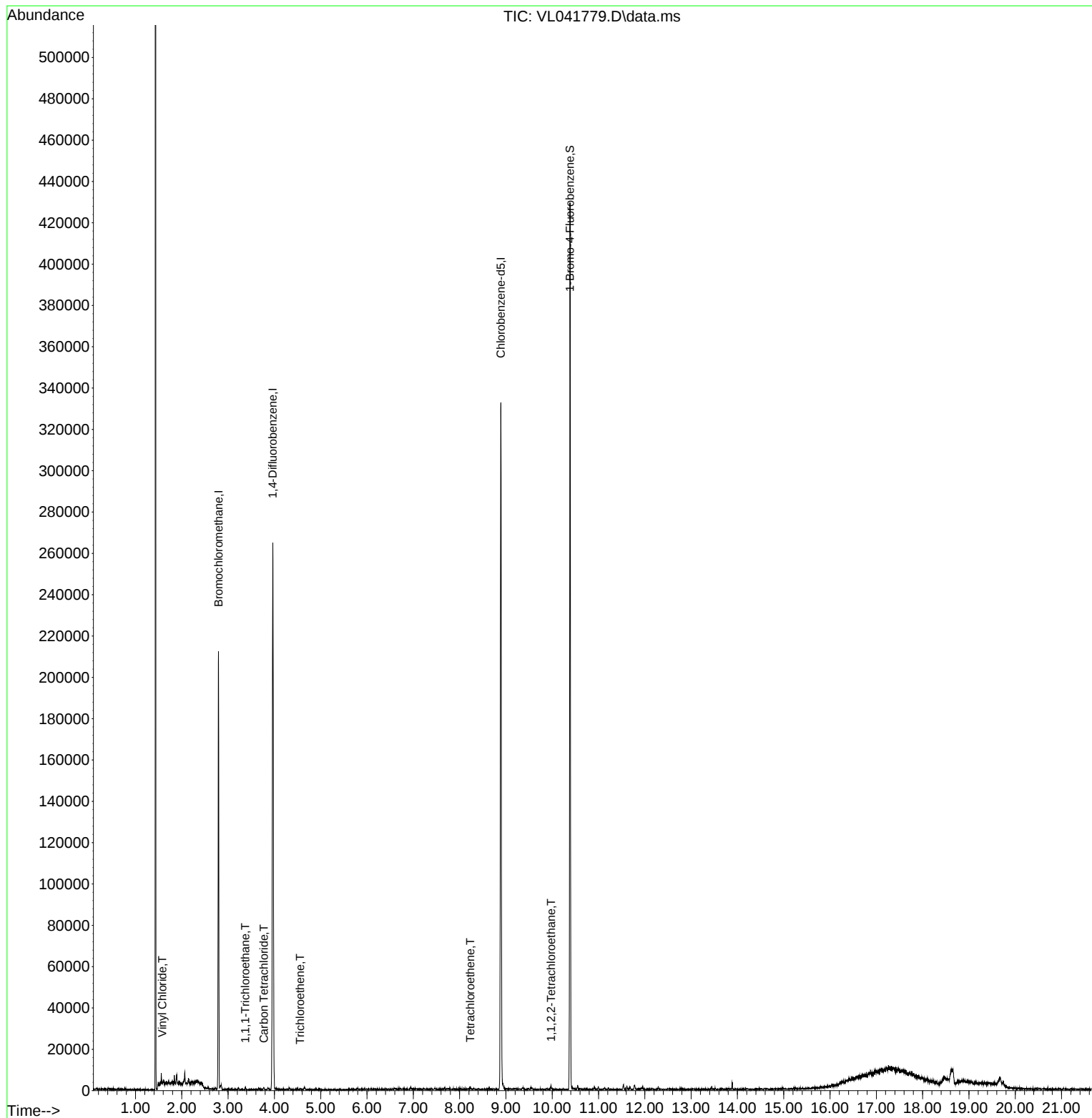
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
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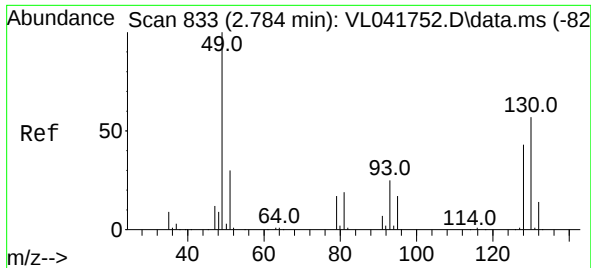
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

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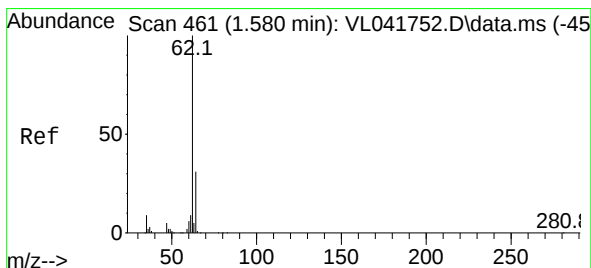
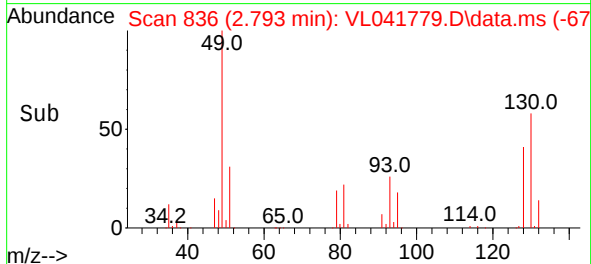
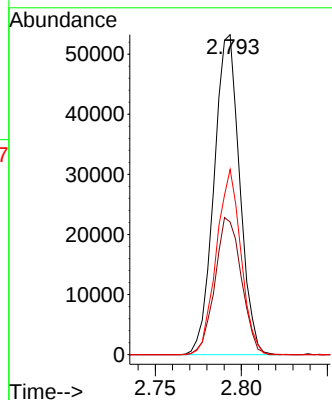
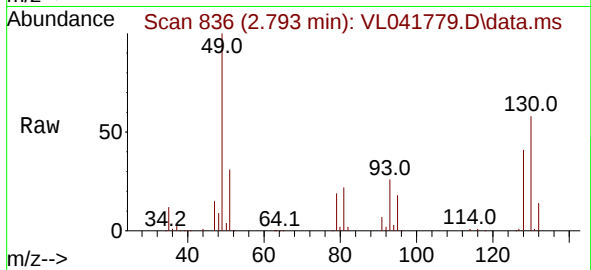
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 833
Delta R.T. 0.009 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03

Tgt Ion: 49 Resp: 55250
Ion Ratio Lower Upper
49 100
128 44.2 21.6 64.6
130 55.5 28.3 85.0

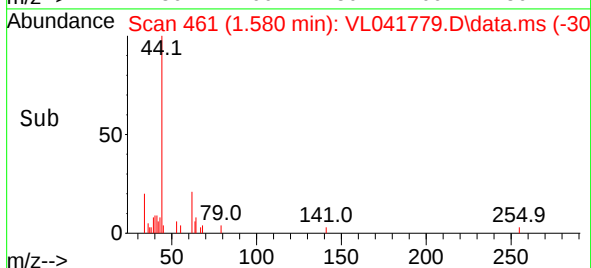
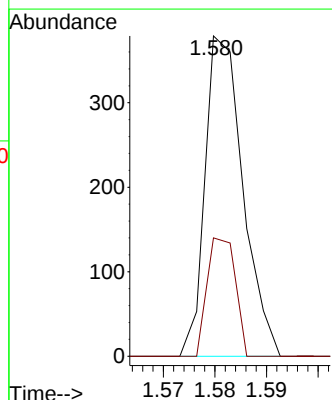
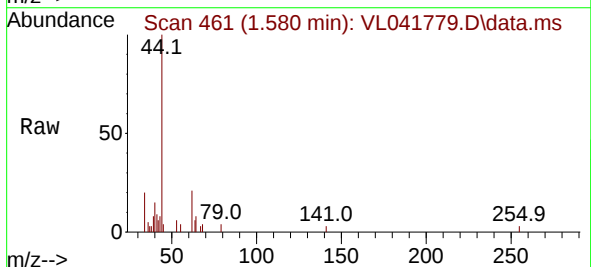
Manual Integrations
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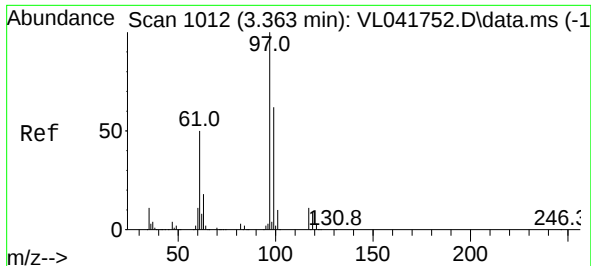
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#5
Vinyl Chloride
Concen: 0.050 ppbv
RT: 1.580 min Scan# 461
Delta R.T. -0.000 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

Tgt Ion: 62 Resp: 194
Ion Ratio Lower Upper
62 100
64 36.9 25.1 37.7





#32

1,1,1-Trichloroethane

Concen: 0.032 ppbv m

RT: 3.370 min Scan# 1012

Delta R.T. 0.006 min

Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Instrument :

MSVOA_L

ClientSampleId :

MDL 0.03

Tgt Ion: 97 Resp: 380

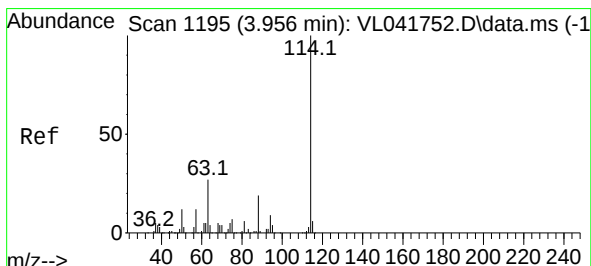
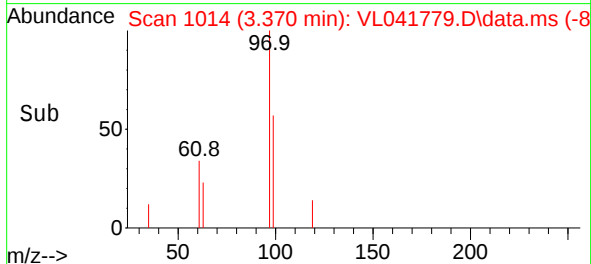
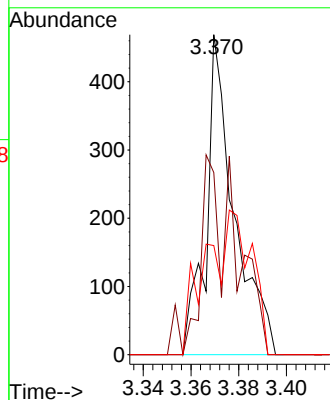
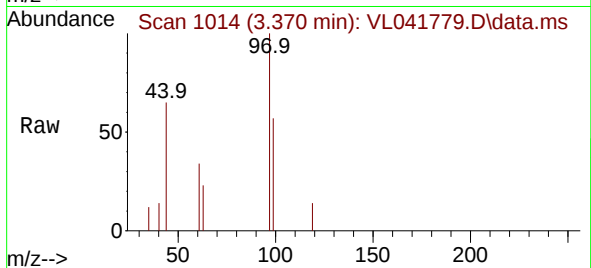
Ion	Ratio	Lower	Upper
97	100		
99	80.0	51.0	76.4
61	73.7	42.2	63.2

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

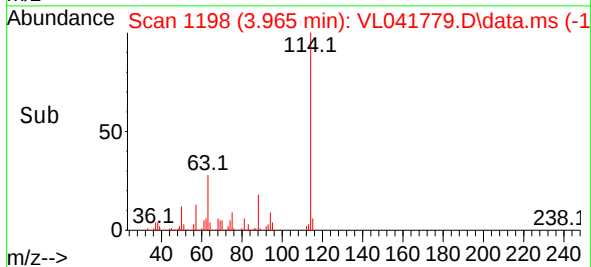
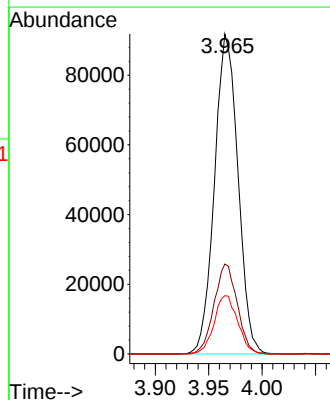
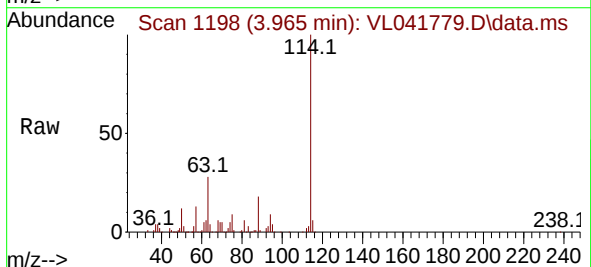
Delta R.T. 0.009 min

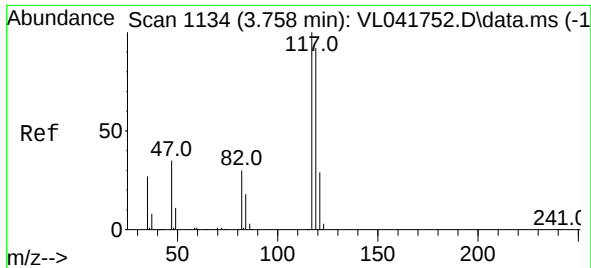
Lab File: VL041779.D

Acq: 17 Dec 2024 15:15

Tgt Ion:114 Resp: 140230

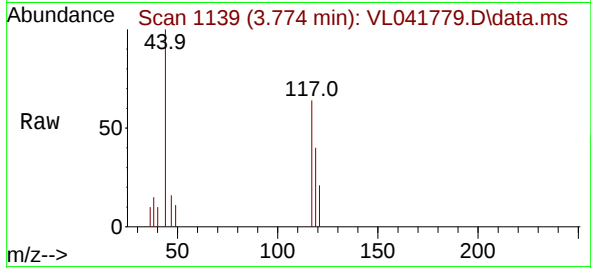
Ion	Ratio	Lower	Upper
114	100		
63	27.8	21.8	32.8
88	18.3	14.8	22.2





#35
Carbon Tetrachloride
Concen: 0.038 ppbv m
RT: 3.774 min Scan# 1134
Delta R.T. 0.016 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

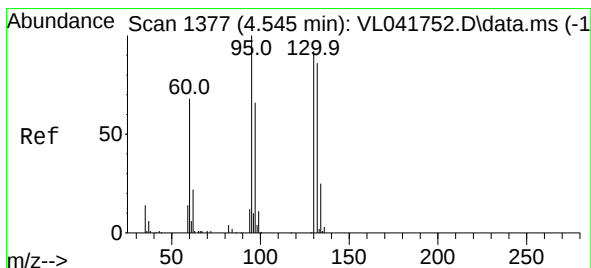
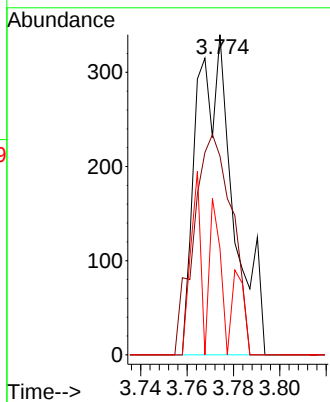
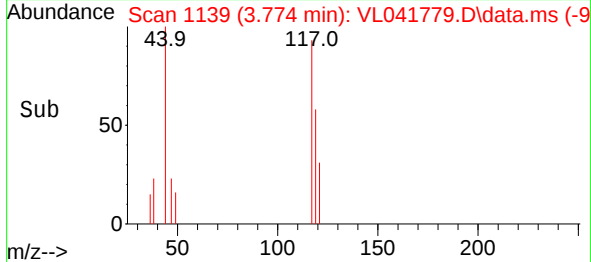
Instrument : MSVOA_L
ClientSampleId : MDL 0.03



Tgt Ion:117 Resp: 374
Ion Ratio Lower Upper
117 100
119 62.1 73.7 110.5#
121 33.2 23.0 34.4

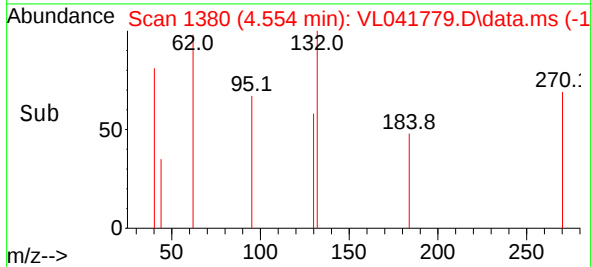
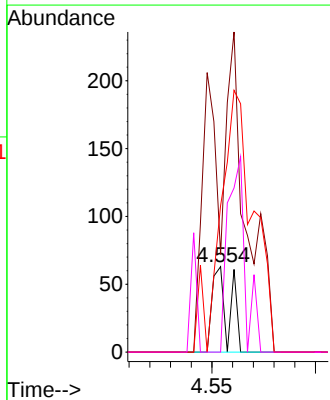
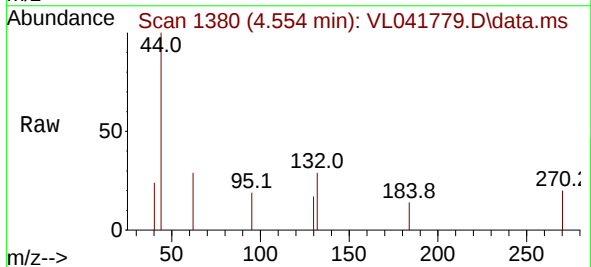
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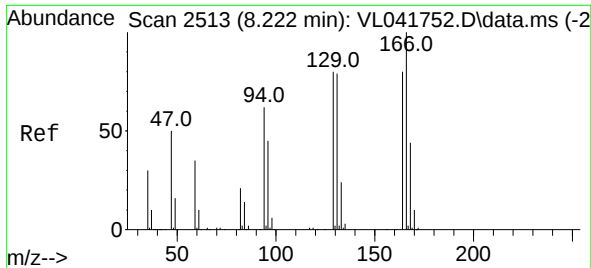
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#38
Trichloroethene
Concen: 0.006 ppbv m
RT: 4.554 min Scan# 1380
Delta R.T. 0.009 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

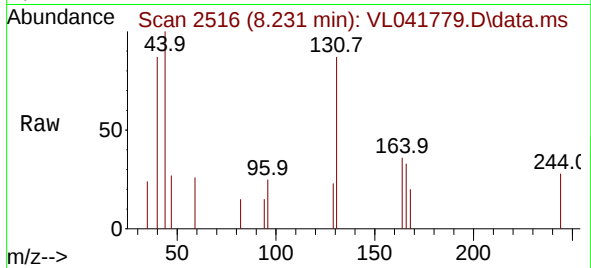
Tgt Ion:130 Resp: 35
Ion Ratio Lower Upper
130 100
95 114.3 87.0 130.6
132 171.4 75.0 112.6#
97 0.0 57.2 85.8#





#52
Tetrachloroethene
Concen: 0.020 ppbv m
RT: 8.231 min Scan# 2513
Delta R.T. 0.009 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

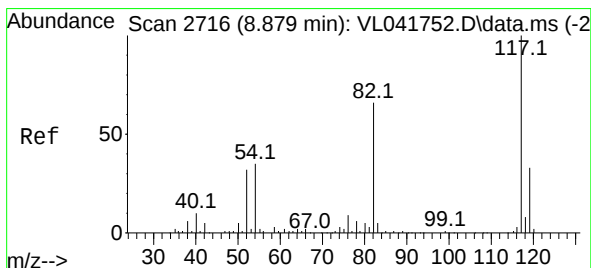
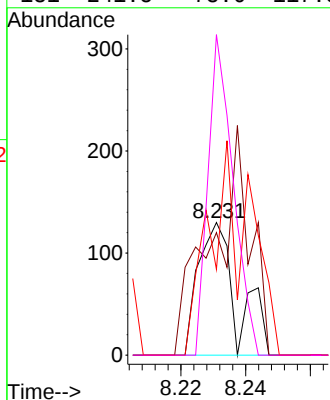
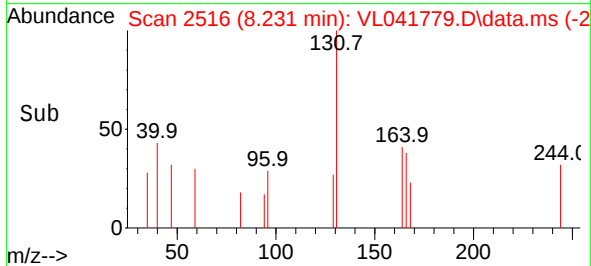
Instrument :
MSVOA_L
ClientSampleId :
MDL 0.03



Tgt Ion:164 Resp: 100
Ion Ratio Lower Upper
164 100
166 92.3 99.8 149.6
129 64.6 79.6 119.4
131 241.5 78.6 117.8

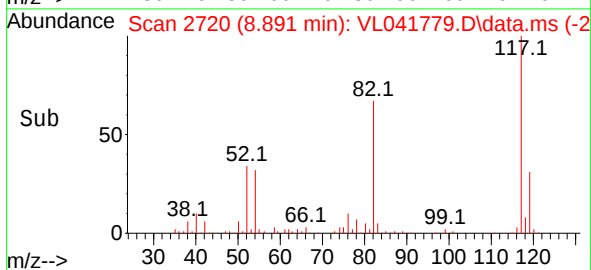
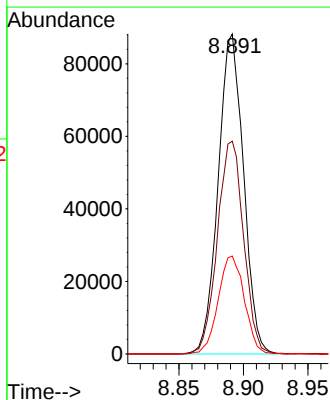
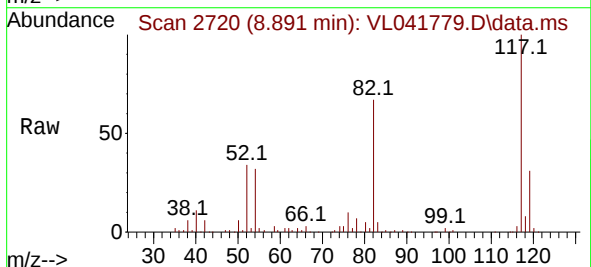
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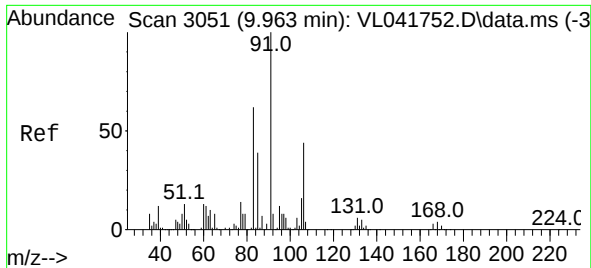
Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2720
Delta R.T. 0.013 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

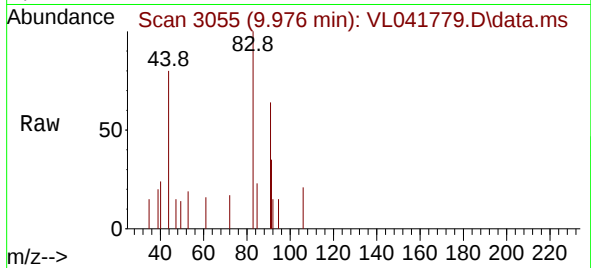
Tgt Ion:117 Resp: 120390
Ion Ratio Lower Upper
117 100
82 68.7 53.8 80.8
119 31.7 26.7 40.1





#63
1,1,2,2-Tetrachloroethane
Concen: 0.043 ppbv
RT: 9.976 min Scan# 3051
Delta R.T. 0.013 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15

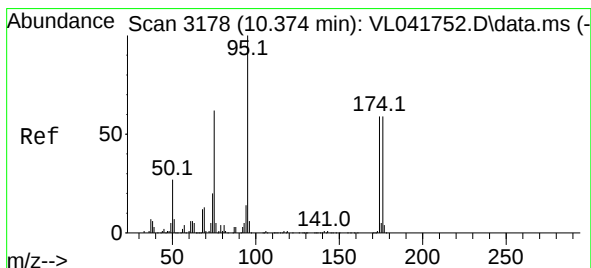
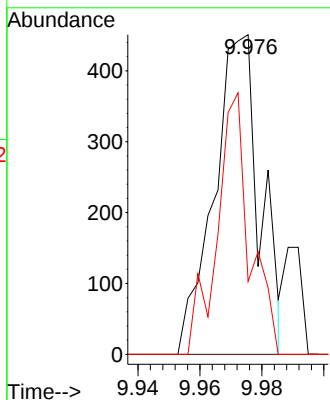
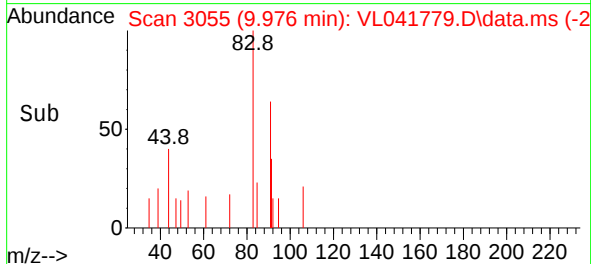
Instrument : MSVOA_L
ClientSampleId :
MDL 0.03



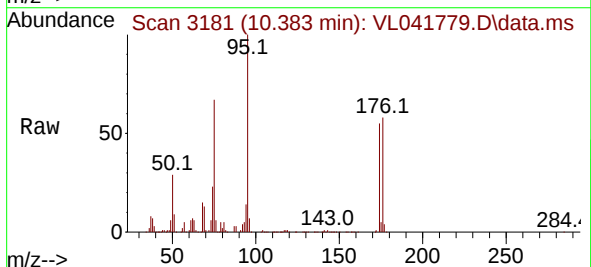
Tgt Ion: 83 Resp: 465
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7
85 58.1 32.0 96.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.641 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.009 min
Lab File: VL041779.D
Acq: 17 Dec 2024 15:15



Tgt Ion: 95 Resp: 96719
Ion Ratio Lower Upper
95 100
174 58.9 47.6 71.4
175 4.7 3.7 5.5

