

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041723.D
 Acq On : 11 Dec 2024 16:17
 Operator : SY/MD
 Sample : VSTDICC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/13/2024
 Supervised By :Semsettin Yesilyurt 12/13/2024

Quant Time: Dec 12 13:17:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 12 13:14:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	276165	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	1374483	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	1217003	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	800482	10.005	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.100%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.583	62	1539	0.098	ppbv	97
32) 1,1,1-Trichloroethane	3.379	97	6130	0.095	ppbv	97
35) Carbon Tetrachloride	3.781	117	5606m	0.088	ppbv	
38) Trichloroethene	4.564	130	5196	0.093	ppbv	94
52) Tetrachloroethene	8.247	164	5884	0.103	ppbv	92
54) 1,2-Dibromoethane	7.677	107	5743	0.092	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.979	83	7566	0.095	ppbv	96
79) Naphthalene	13.529	128	9818	0.082	ppbv #	95

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

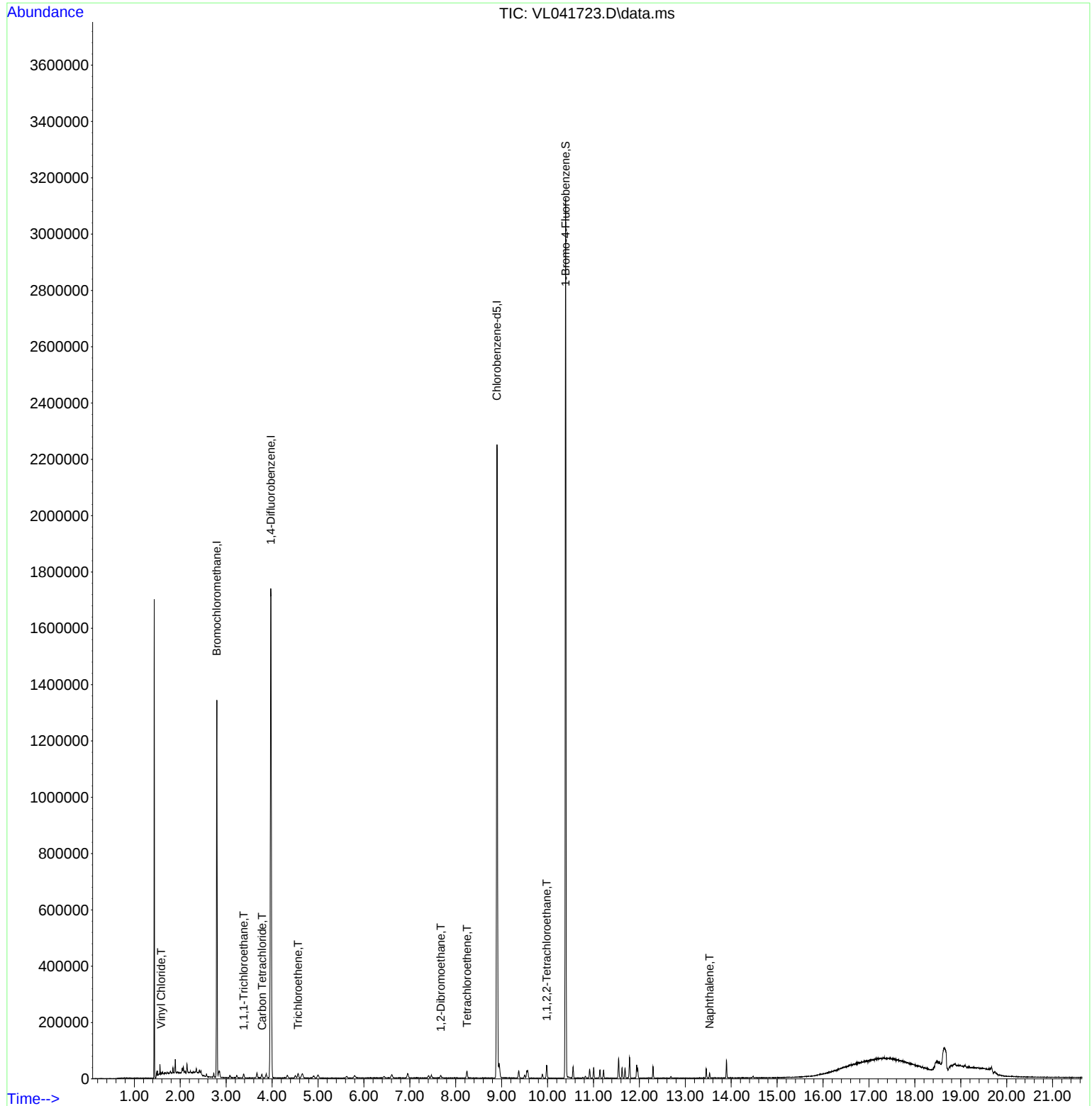
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
Data File : VL041723.D
Acq On : 11 Dec 2024 16:17
Operator : SY/MD
Sample : VSTDICC0.1
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

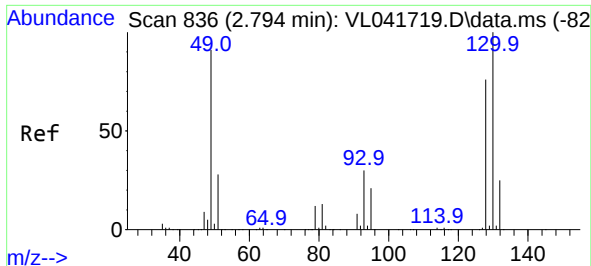
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

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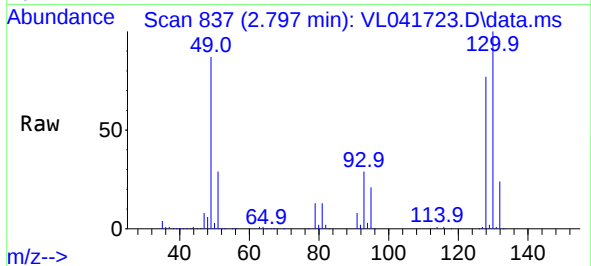
Quant Time: Dec 12 13:17:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Dec 12 13:14:06 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 836
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

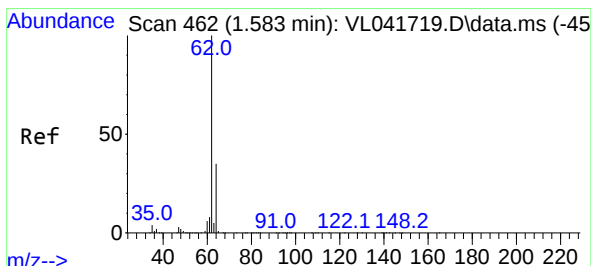
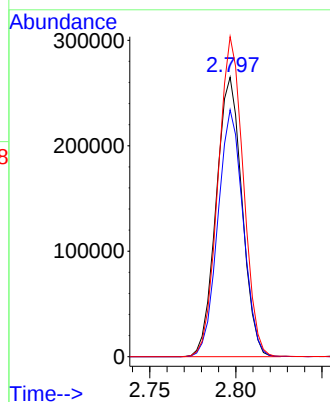
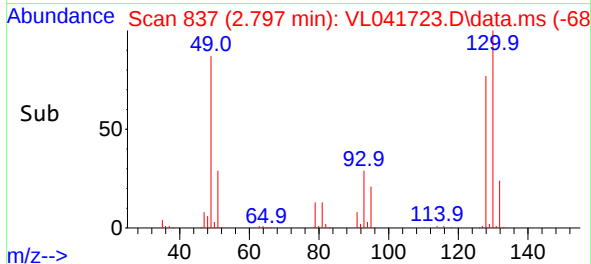
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



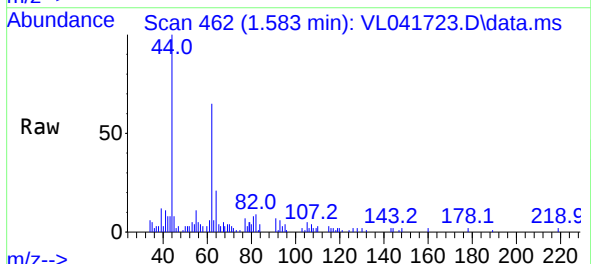
Tgt Ion: 49 Resp: 27616
Ion Ratio Lower Upper
49 100
128 86.6 42.8 128.3
130 112.3 55.8 167.4

Manual Integrations
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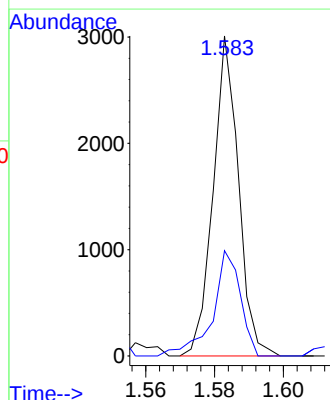
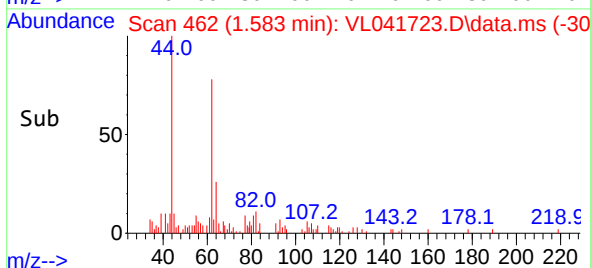
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

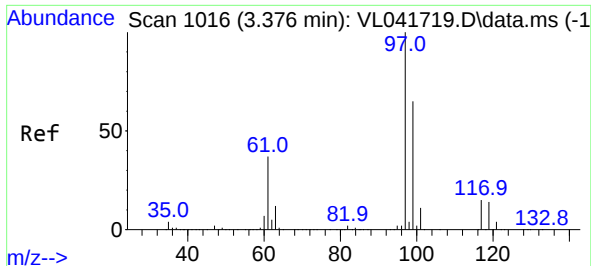


#5
Vinyl Chloride
Concen: 0.098 ppbv
RT: 1.583 min Scan# 462
Delta R.T. -0.000 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17



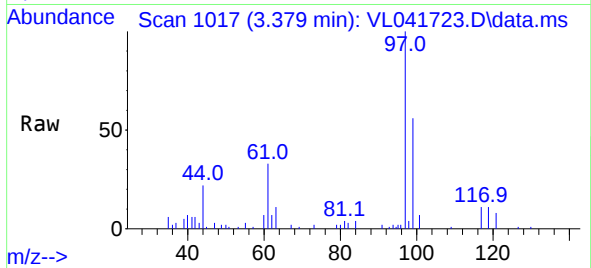
Tgt Ion: 62 Resp: 1539
Ion Ratio Lower Upper
62 100
64 32.9 27.6 41.4





#32
1,1,1-Trichloroethane
Concen: 0.095 ppbv
RT: 3.379 min Scan# 1016
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

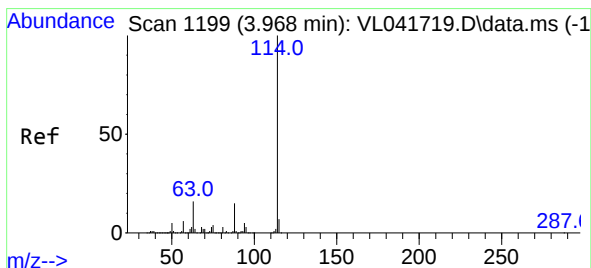
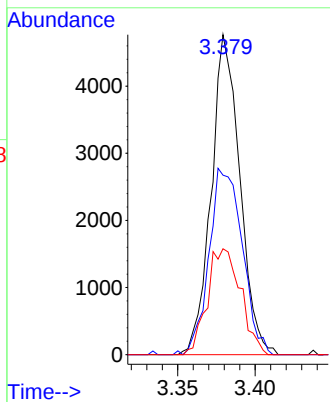
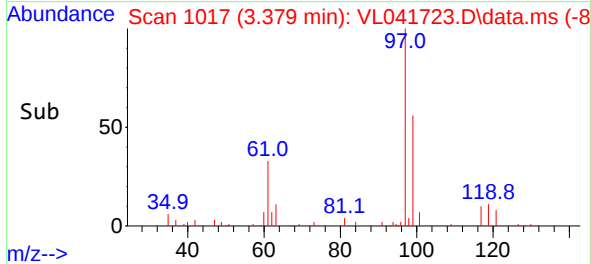
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



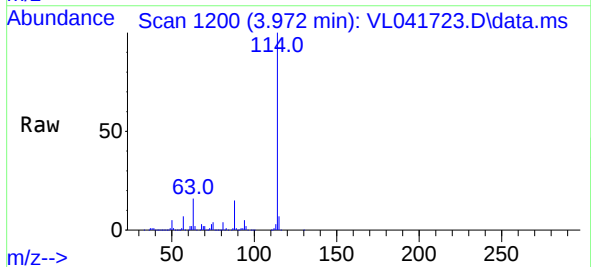
Tgt Ion: 97 Resp: 6130
Ion Ratio Lower Upper
97 100
99 67.7 52.2 78.2
61 38.6 29.8 44.8

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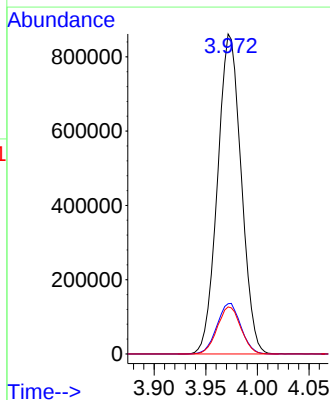
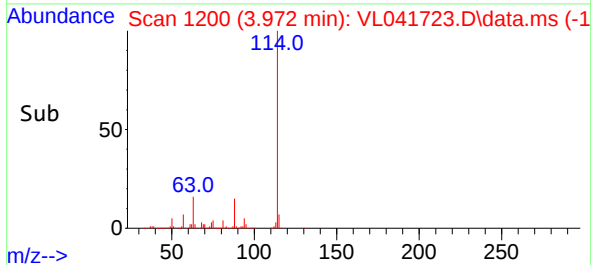
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024

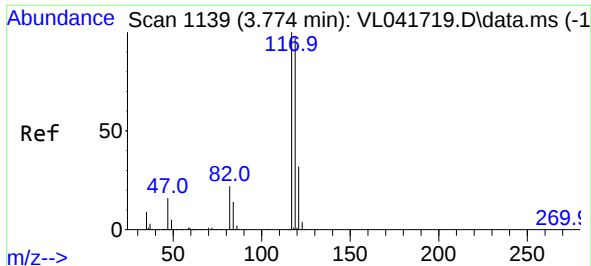


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1200
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17



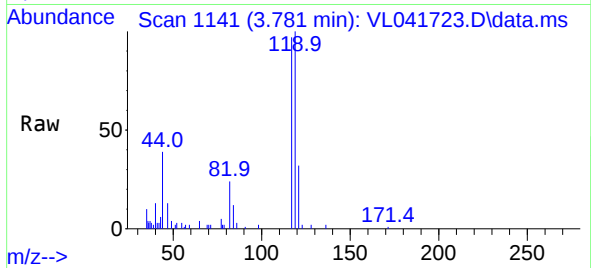
Tgt Ion:114 Resp: 1374483
Ion Ratio Lower Upper
114 100
63 15.9 12.9 19.3
88 14.7 11.8 17.6





#35
Carbon Tetrachloride
Concen: 0.088 ppbv m
RT: 3.781 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

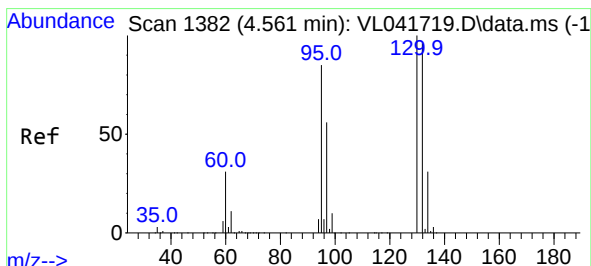
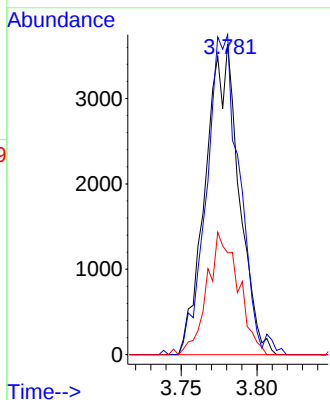
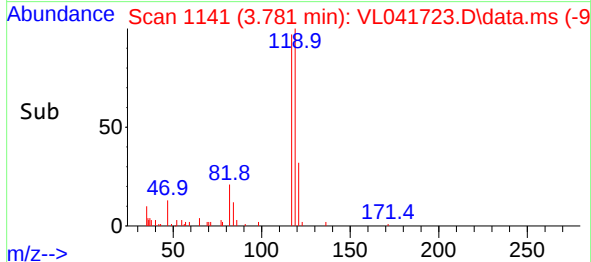
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion:117 Resp: 5600
Ion Ratio Lower Upper
117 100
119 103.1 77.7 116.5
121 32.8 25.5 38.3

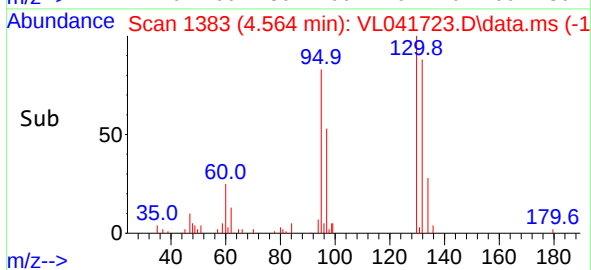
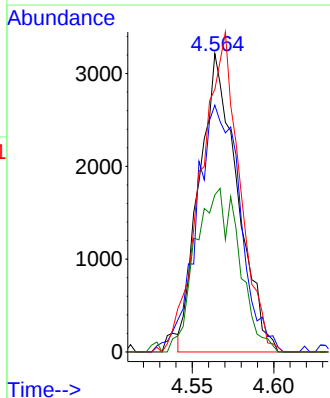
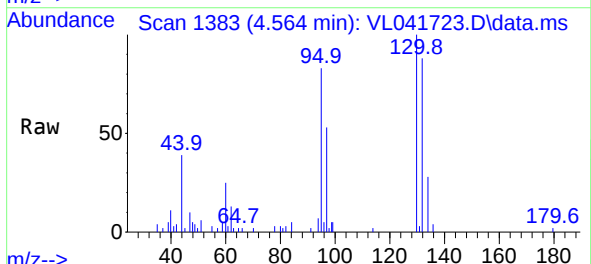
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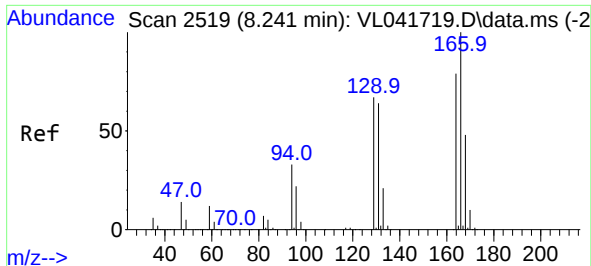
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#38
Trichloroethene
Concen: 0.093 ppbv
RT: 4.564 min Scan# 1383
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

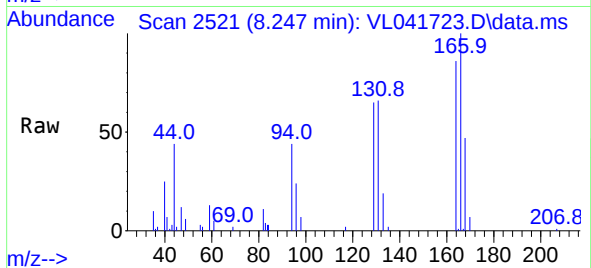
Tgt Ion:130 Resp: 5196
Ion Ratio Lower Upper
130 100
95 81.1 68.0 102.0
132 86.4 76.5 114.7
97 52.7 44.4 66.6





#52
Tetrachloroethene
Concen: 0.103 ppbv
RT: 8.247 min Scan# 2519
Delta R.T. 0.006 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

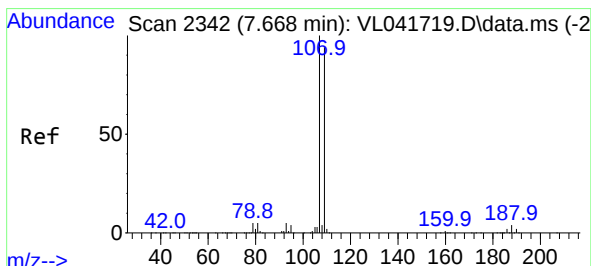
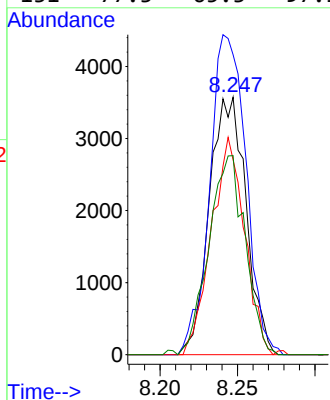
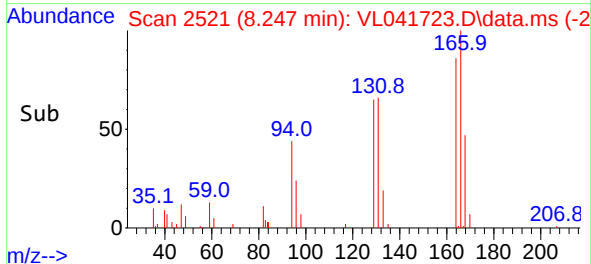
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



Tgt Ion:164 Resp: 5884
Ion Ratio Lower Upper
164 100
166 116.5 101.4 152.0
129 75.7 67.6 101.4
131 77.3 65.3 97.9

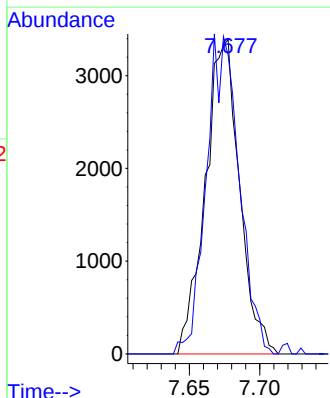
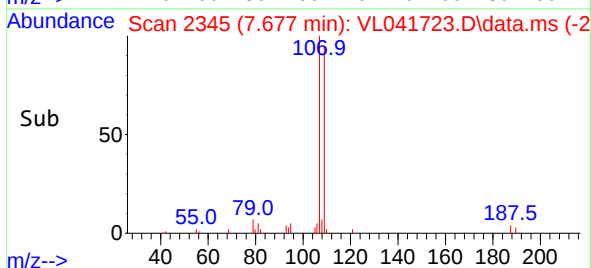
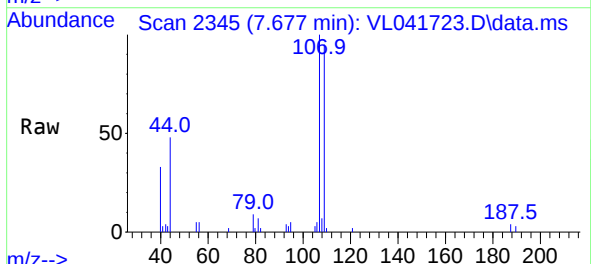
Manual Integrations
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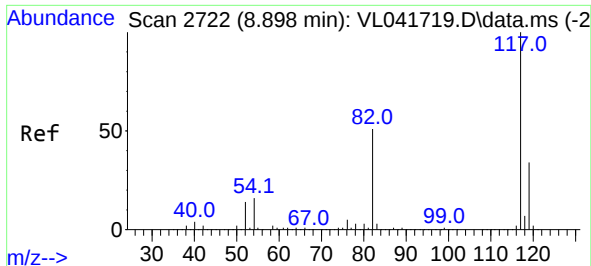
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#54
1,2-Dibromoethane
Concen: 0.092 ppbv
RT: 7.677 min Scan# 2345
Delta R.T. 0.010 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

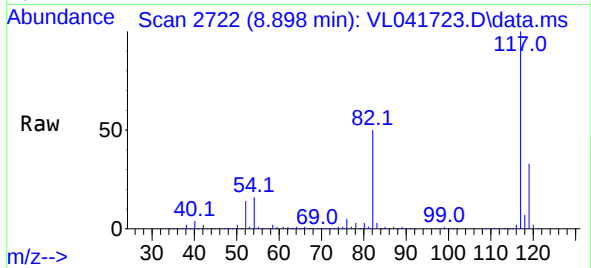
Tgt Ion:107 Resp: 5743
Ion Ratio Lower Upper
107 100
109 95.0 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

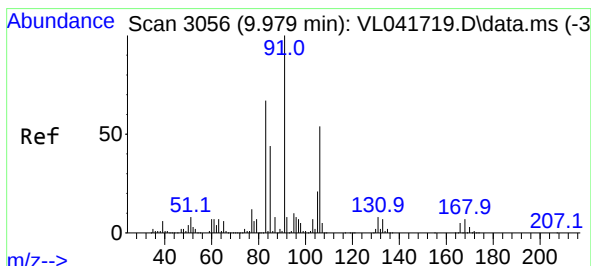
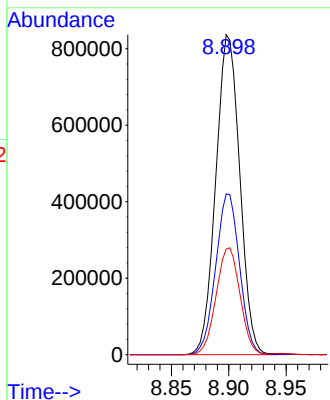
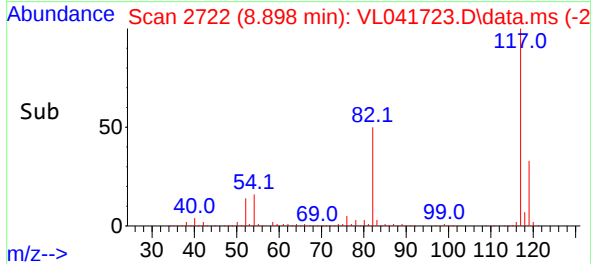
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion:117 Resp: 121700
Ion Ratio Lower Upper
117 100
82 50.0 41.3 61.9
119 33.5 25.8 38.8

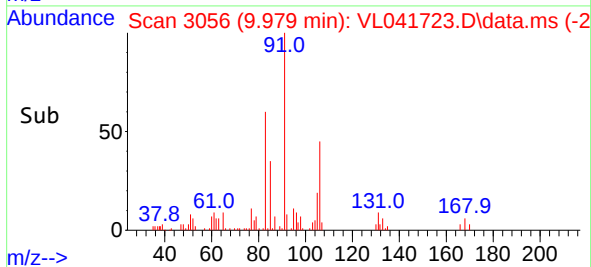
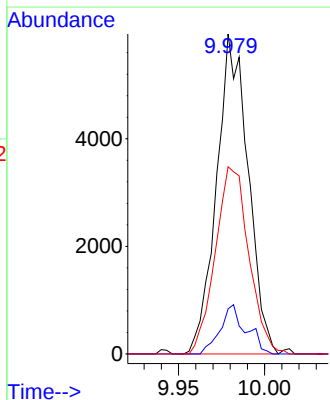
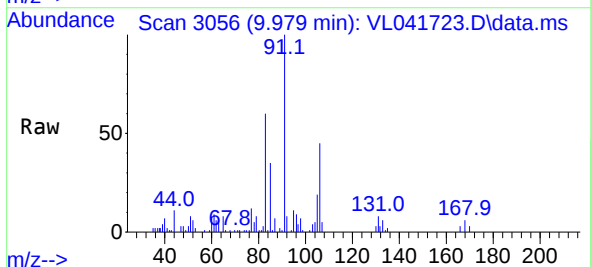
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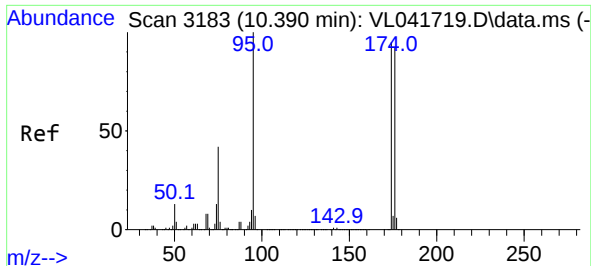
Reviewed By :Mahesh Dadoda 12/13/2024
Supervised By :Semsettin Yesilyurt 12/13/2024



#63
1,1,2,2-Tetrachloroethane
Concen: 0.095 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.000 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

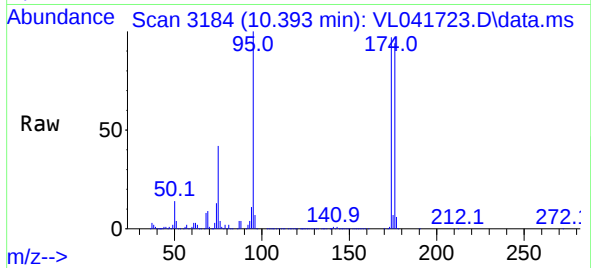
Tgt Ion: 83 Resp: 7566
Ion Ratio Lower Upper
83 100
131 12.6 5.9 17.6
85 62.3 32.8 98.4





#68
1-Bromo-4-Fluorobenzene
Concen: 10.005 ppbv
RT: 10.393 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17

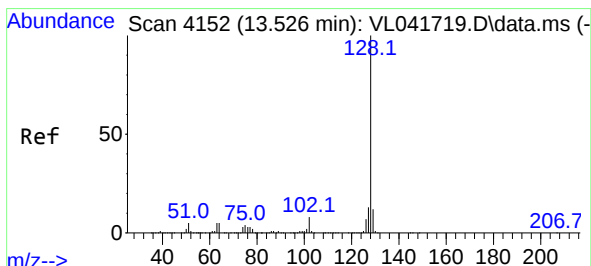
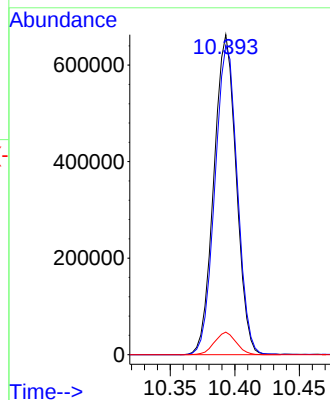
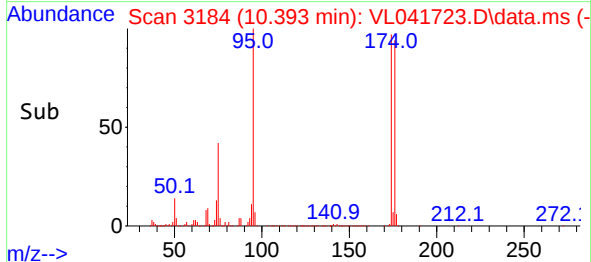
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



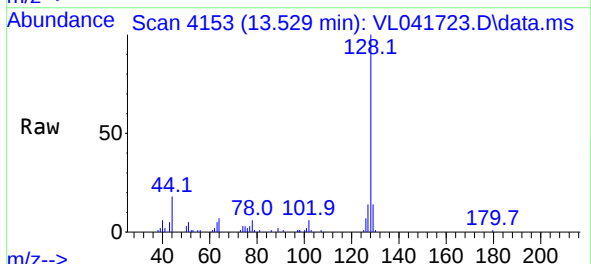
Tgt Ion: 95 Resp: 80048
Ion Ratio Lower Upper
95 100
174 96.8 76.7 115.1
175 6.8 5.4 8.2

Manual Integrations
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#79
Naphthalene
Concen: 0.082 ppbv
RT: 13.529 min Scan# 4153
Delta R.T. 0.003 min
Lab File: VL041723.D
Acq: 11 Dec 2024 16:17



Tgt Ion:128 Resp: 9818
Ion Ratio Lower Upper
128 100
127 14.5 10.2 15.2
129 14.2 9.4 14.0#

