

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
 Data File : VL038379.D
 Acq On : 22 Feb 2022 6:40
 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 02/23/2022
 Supervised By :Amit Patel 02/23/2022

Quant Time: Feb 22 07:58:43 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 07:58:43 2022
 QLast Update : Tue Feb 22 07:53:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.645	49	949879	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.150	114	2296540	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.053	117	2002257	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.384	95	1691890	11.049	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.500%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	3.253	62	5741m	0.090	ppbv	
32) 1,1,1-Trichloroethane	6.488	97	15112	0.087	ppbv	96
35) Carbon Tetrachloride	6.989	117	14393	0.089	ppbv	# 84
38) Trichloroethene	7.816	130	6967m	0.092	ppbv	
52) Tetrachloroethene	11.198	164	6468m	0.092	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.645	83	17436m	0.100	ppbv	

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

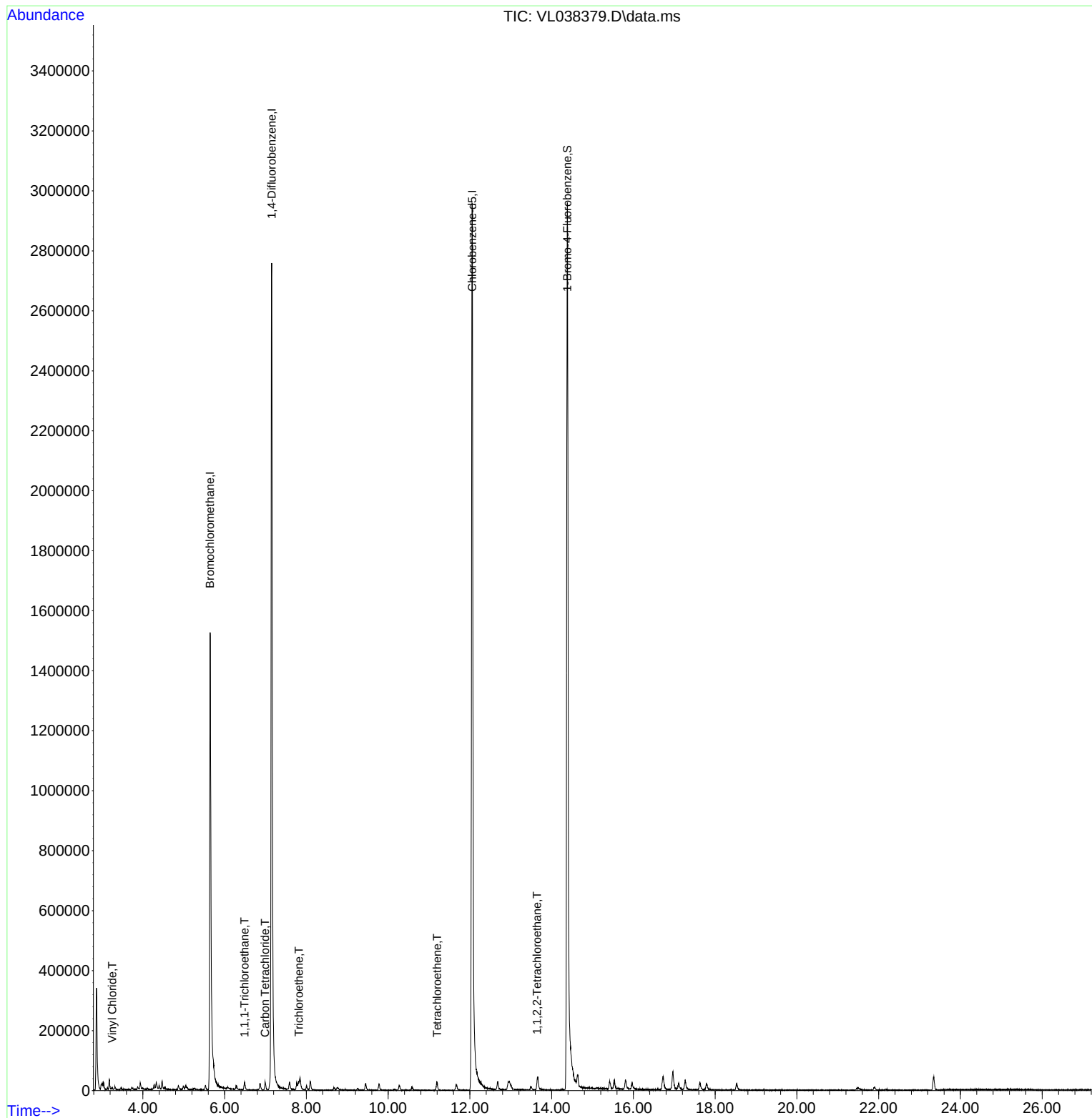
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
Data File : VL038379.D
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Operator : SY/AP
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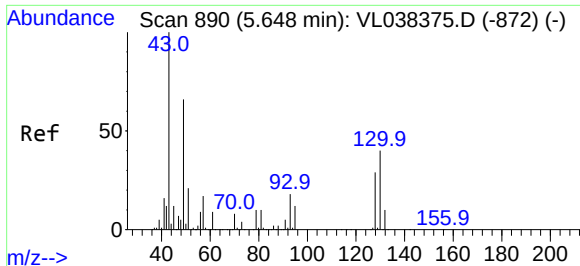
Instrument :
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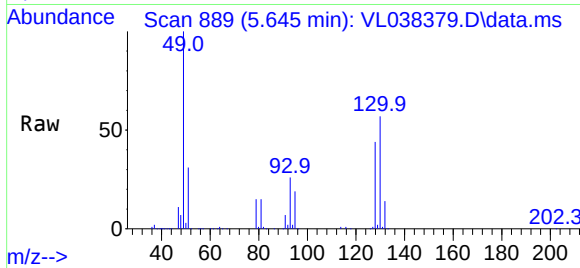
Quant Time: Feb 22 07:58:43 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb
QLast Update : Tue Feb 22 07:53:26 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.645 min Scan# 890
Delta R.T. -0.003 min
Lab File: VL038379.D
Acq: 22 Feb 2022 6:40

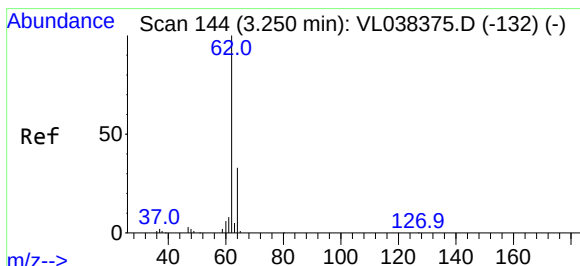
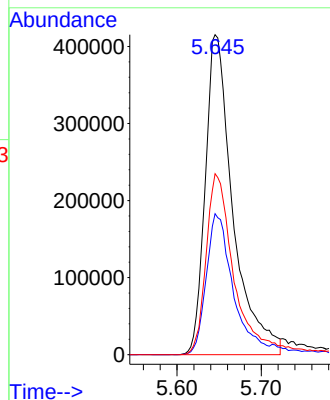
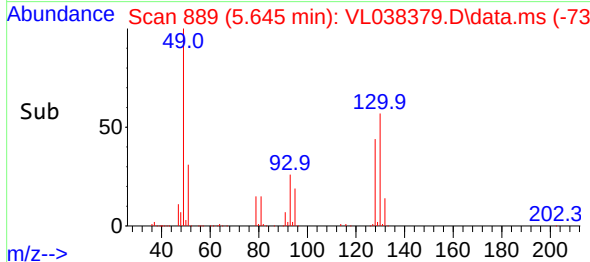
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion: 49 Resp: 949879
Ion Ratio Lower Upper
49 100
128 46.5 24.3 72.9
130 59.9 30.1 90.5

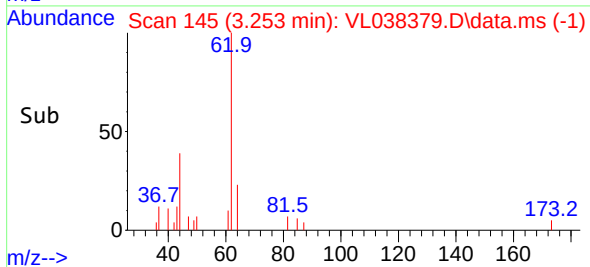
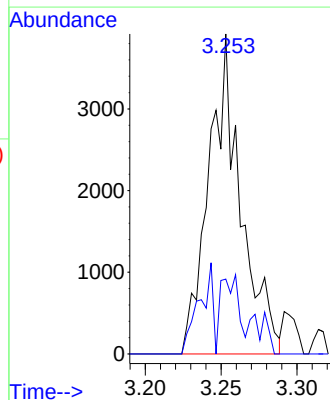
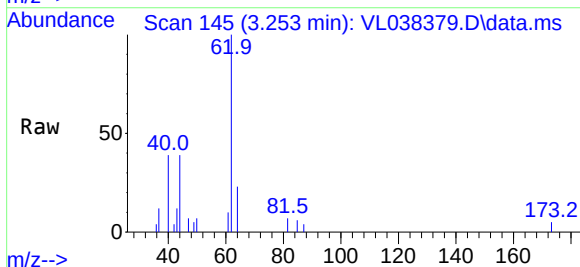
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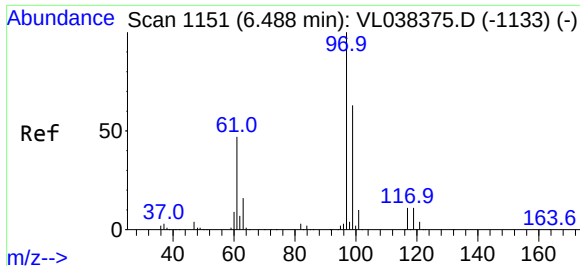
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#5
Vinyl Chloride
Concen: 0.090 ppbv m
RT: 3.253 min Scan# 145
Delta R.T. 0.003 min
Lab File: VL038379.D
Acq: 22 Feb 2022 6:40

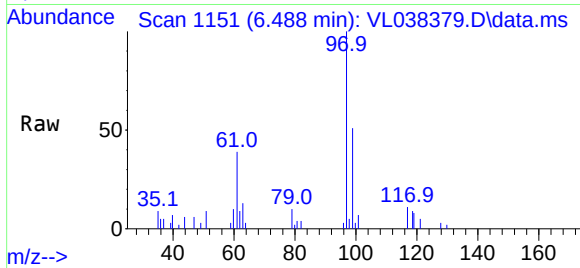
Tgt Ion: 62 Resp: 5741
Ion Ratio Lower Upper
62 100
64 23.4 26.2 39.2#





#32
1,1,1-Trichloroethane
Concen: 0.087 ppbv
RT: 6.488 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VL038379.D
Acq: 22 Feb 2022 6:40

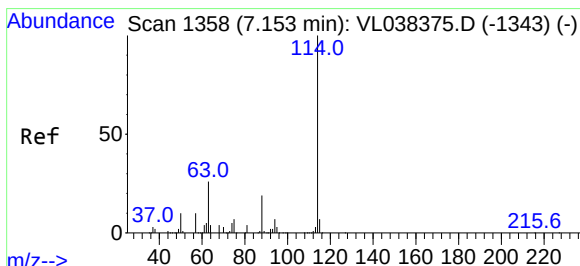
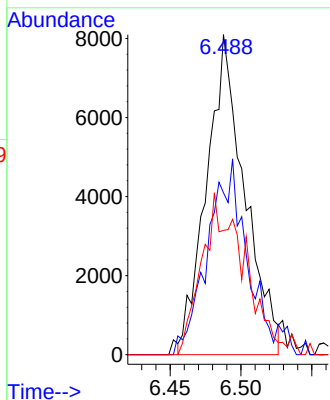
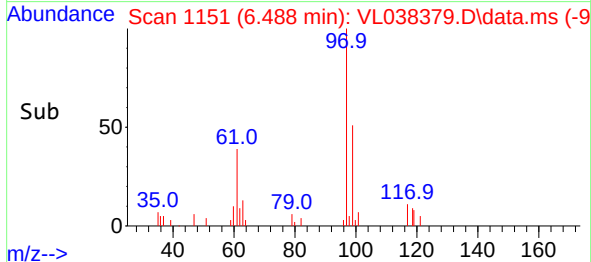
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1



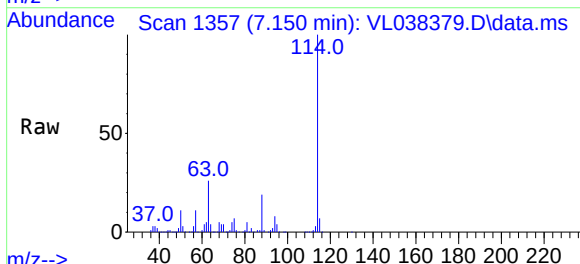
Tgt Ion: 97 Resp: 1511
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 57.3 40.5 60.7

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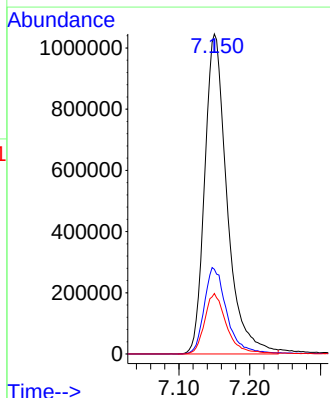
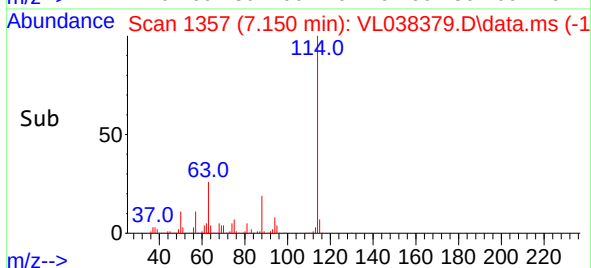
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Supervised By :Amit Patel 02/23/2022

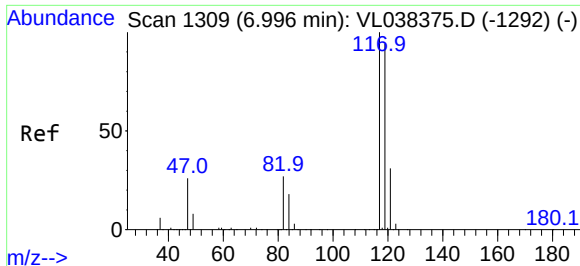


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.150 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VL038379.D
Acq: 22 Feb 2022 6:40



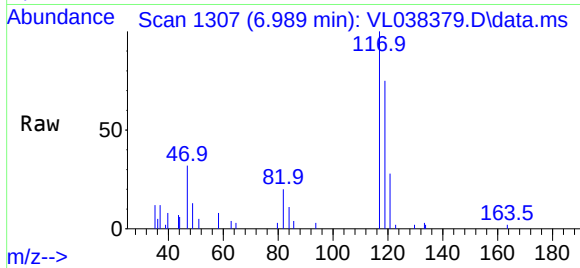
Tgt Ion:114 Resp: 2296540
Ion Ratio Lower Upper
114 100
63 27.7 22.2 33.2
88 18.8 15.2 22.8





#35
Carbon Tetrachloride
Concen: 0.089 ppbv
RT: 6.989 min Scan# 117
Delta R.T. -0.006 min
Lab File: VL038379.D
Acq: 22 Feb 2022 6:40

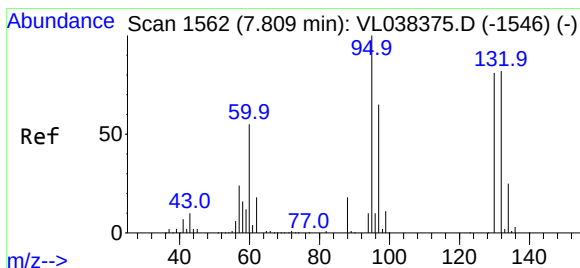
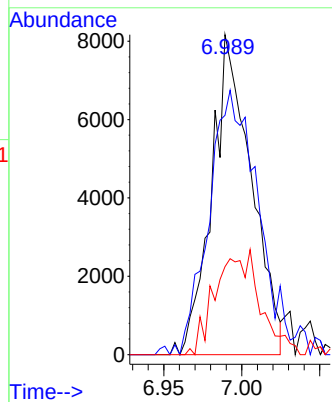
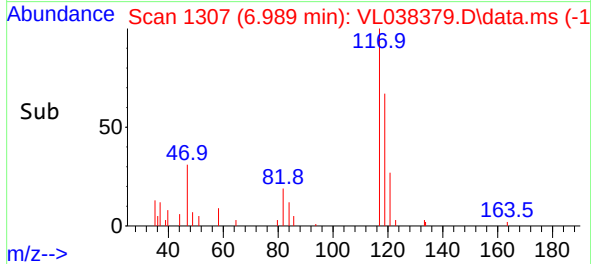
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



Tgt Ion:117 Resp: 1439
Ion Ratio Lower Upper
117 100
119 74.8 74.9 112.3#
121 27.5 24.8 37.2

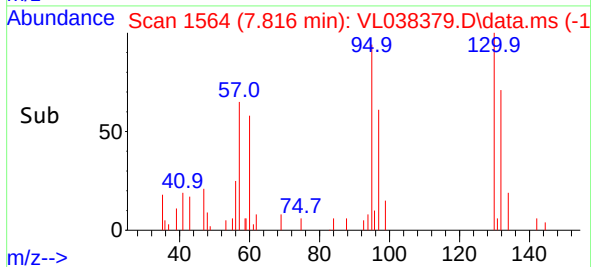
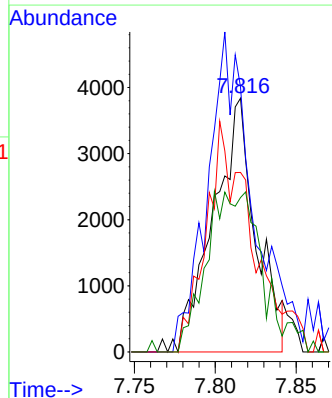
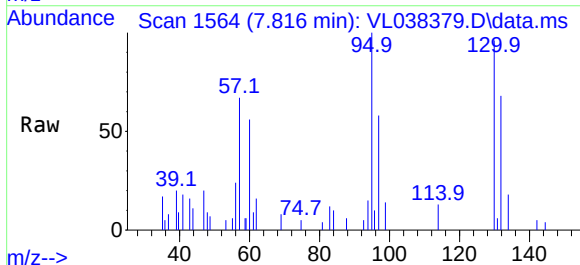
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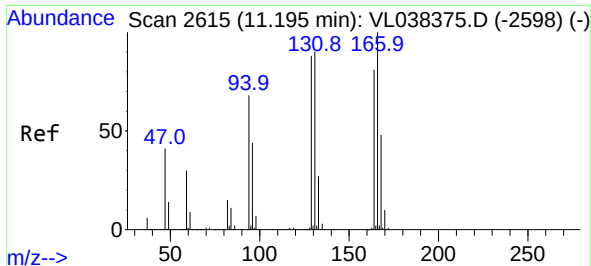
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#38
Trichloroethene
Concen: 0.092 ppbv m
RT: 7.816 min Scan# 1564
Delta R.T. 0.007 min
Lab File: VL038379.D
Acq: 22 Feb 2022 6:40

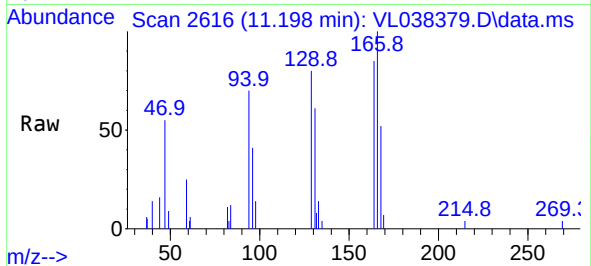
Tgt Ion:130 Resp: 6967
Ion Ratio Lower Upper
130 100
95 104.4 98.1 147.1
132 70.8 80.3 120.5#
97 60.9 63.5 95.3#





#52
Tetrachloroethene
Concen: 0.092 ppbv m
RT: 11.198 min Scan# 2616
Delta R.T. 0.003 min
Lab File: VL038379.D
Acq: 22 Feb 2022 6:40

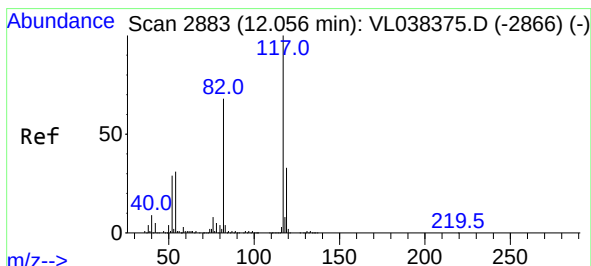
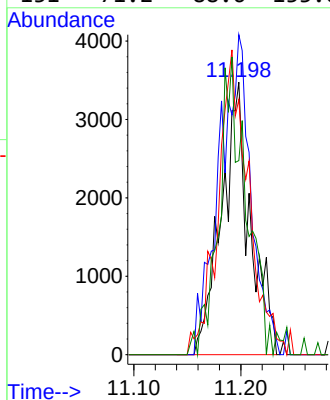
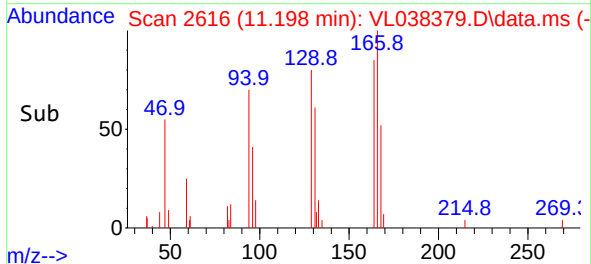
Instrument :
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ClientSampleId :
VSTDICC0.1



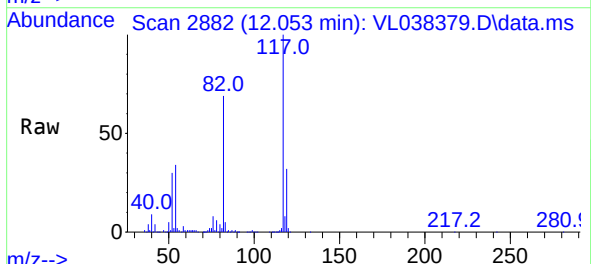
Tgt Ion:164 Resp: 6468
Ion Ratio Lower Upper
164 100
166 117.5 98.6 148.0
129 93.7 86.9 130.3
131 71.2 88.6 133.0#

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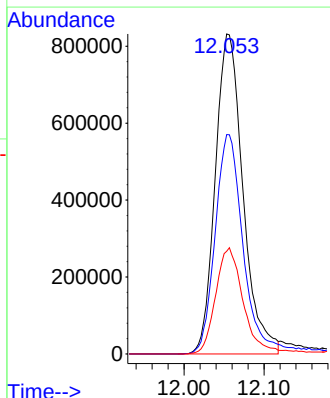
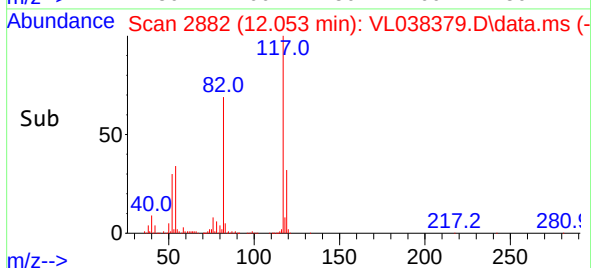
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

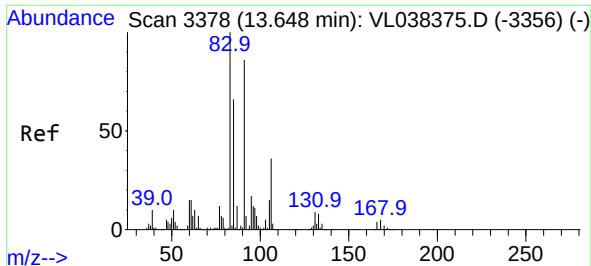


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.053 min Scan# 2882
Delta R.T. -0.003 min
Lab File: VL038379.D
Acq: 22 Feb 2022 6:40



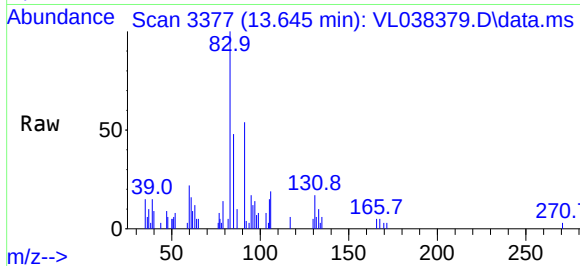
Tgt Ion:117 Resp: 2002257
Ion Ratio Lower Upper
117 100
82 72.7 54.9 82.3
119 33.6 46.1 69.1#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.100 ppbv m
RT: 13.645 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL038379.D
Acq: 22 Feb 2022 6:40

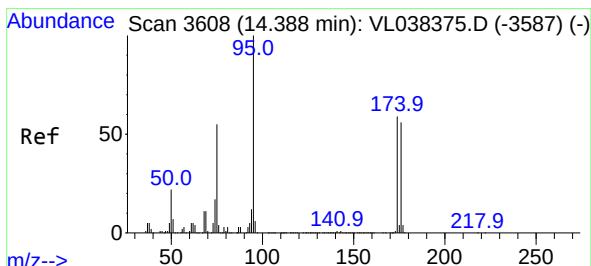
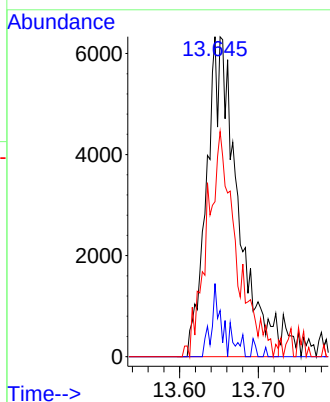
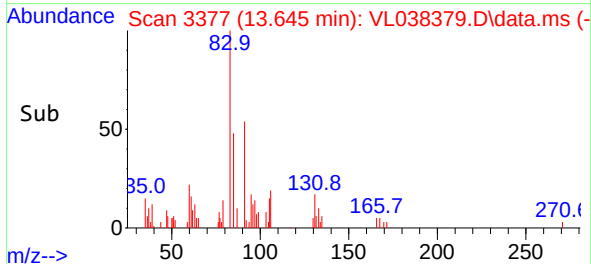
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.1



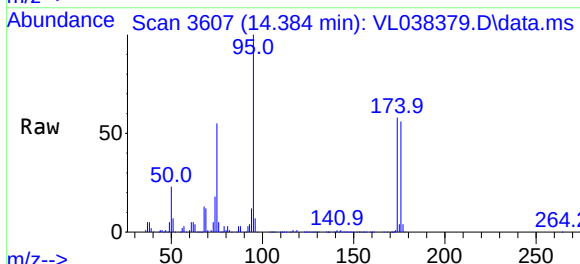
Tgt Ion: 83 Resp: 17430
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.7
85 0.0 33.0 99.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 11.049 ppbv
RT: 14.384 min Scan# 3607
Delta R.T. -0.003 min
Lab File: VL038379.D
Acq: 22 Feb 2022 6:40



Tgt Ion: 95 Resp: 1691890
Ion Ratio Lower Upper
95 100
174 60.2 49.0 73.4
175 4.2 3.6 5.4

