

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060322\
 Data File : VL039158.D
 Acq On : 3 Jun 2022 18:06
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2022
 Supervised By :Mahesh Dadoda 06/06/2022

Quant Time: Jun 04 00:17:56 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 04 00:17:56 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.681	49	1294601	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.189	114	3639624	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.098	117	3118185	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.426	95	2310630	8.963	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.600%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	3.272	62	6558m	0.083	ppbv	
9) Propene	3.025	41	16964m	0.236	ppbv	
32) 1,1,1-Trichloroethane	6.533	97	13946m	0.063	ppbv	
35) Carbon Tetrachloride	7.038	117	14299m	0.054	ppbv	
38) Trichloroethene	7.848	130	11726m	0.086	ppbv	
52) Tetrachloroethene	11.233	164	8259m	0.072	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.693	83	12897m	0.065	ppbv	

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

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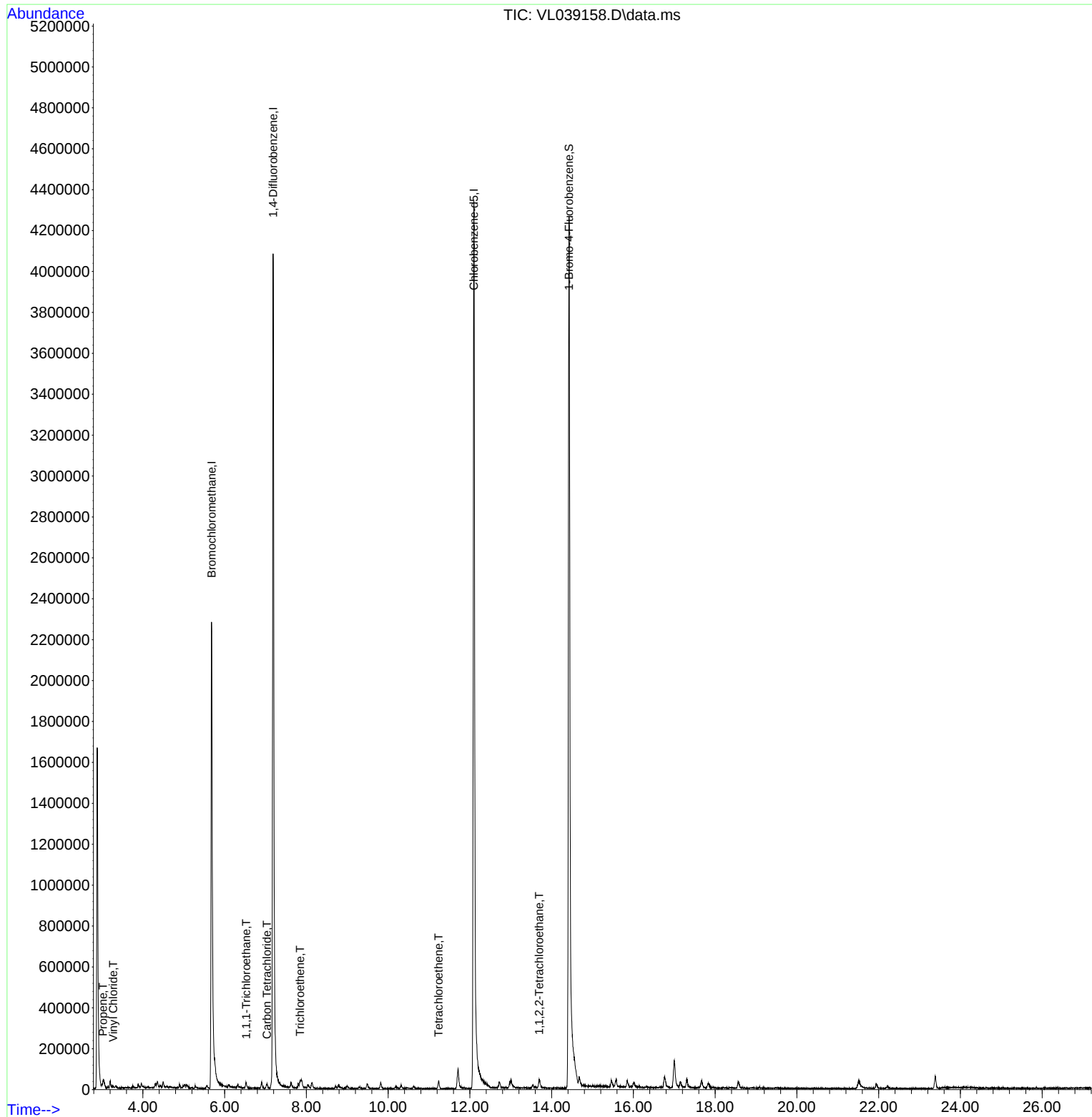
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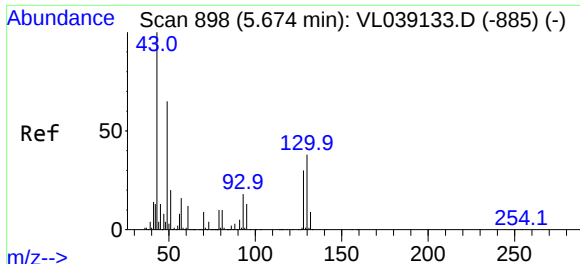
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun

QLast Update : Wed Jun 01 01:22:18 2022

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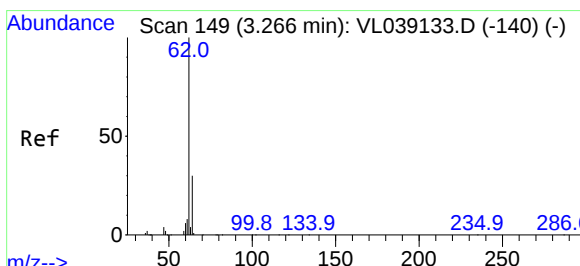
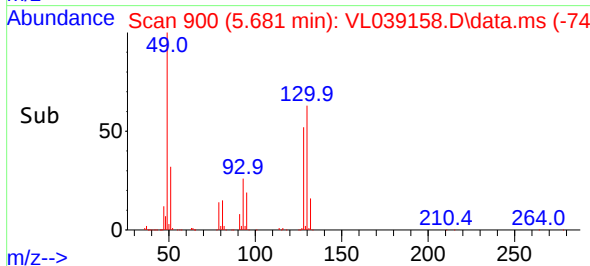
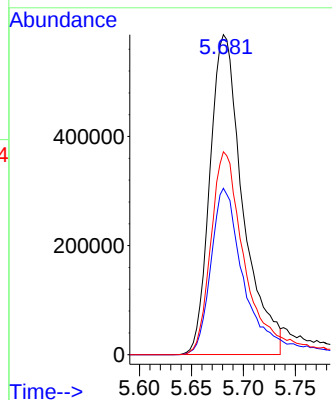
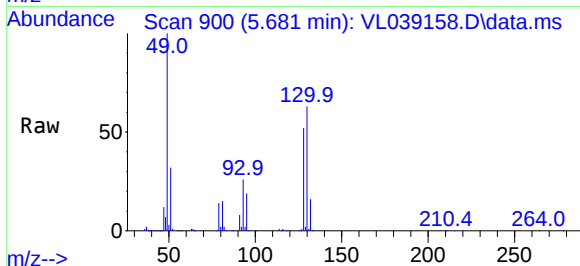
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.681 min Scan# 90
Delta R.T. 0.007 min
Lab File: VL039158.D
Acq: 3 Jun 2022 18:06

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ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 129460
Ion Ratio Lower Upper
49 100
128 55.3 24.7 74.1
130 70.6 31.4 94.0

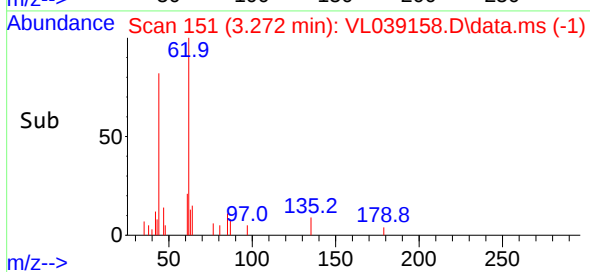
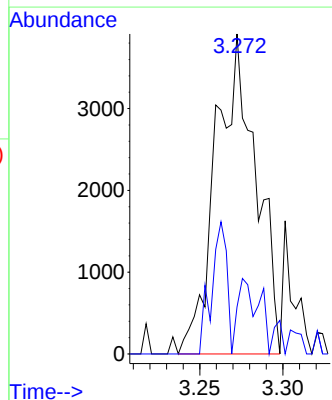
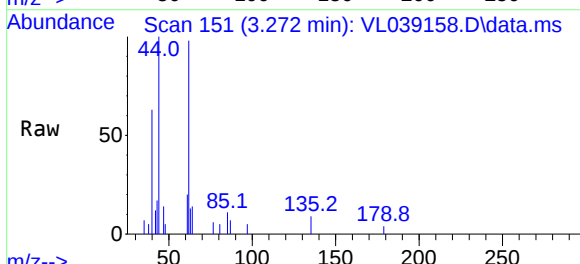
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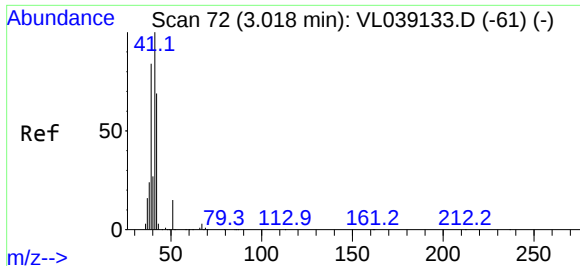
Reviewed By :Semsettin Yesilyurt 06/05/2022
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#5
Vinyl Chloride
Concen: 0.083 ppbv m
RT: 3.272 min Scan# 151
Delta R.T. 0.007 min
Lab File: VL039158.D
Acq: 3 Jun 2022 18:06

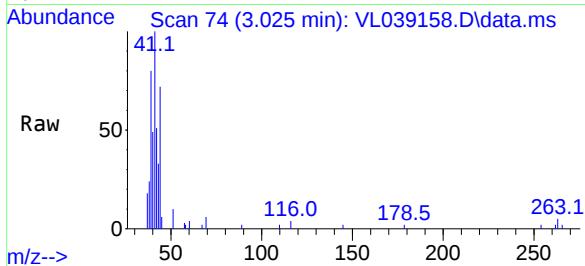
Tgt Ion: 62 Resp: 6558
Ion Ratio Lower Upper
62 100
64 14.7 24.2 36.2#





#9
 Propene
 Concen: 0.236 ppbv m
 RT: 3.025 min Scan# 74
 Delta R.T. 0.007 min
 Lab File: VL039158.D
 Acq: 3 Jun 2022 18:06

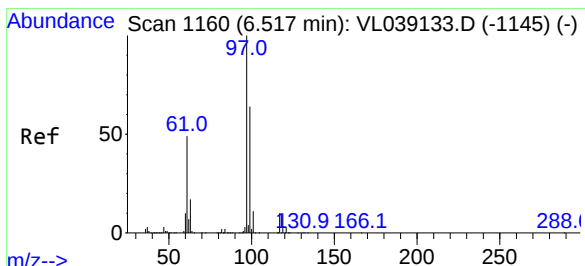
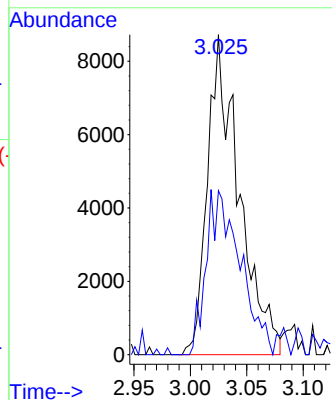
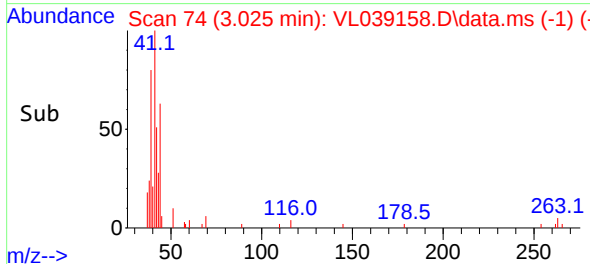
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK



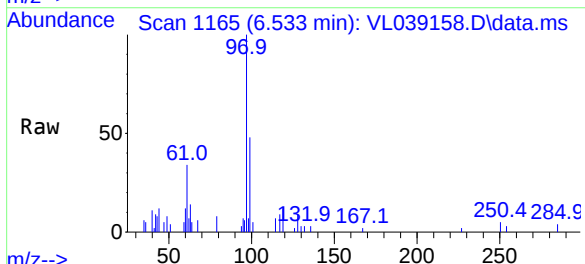
Tgt Ion: 41 Resp: 1696
 Ion Ratio Lower Upper
 41 100
 42 57.7 55.4 83.2

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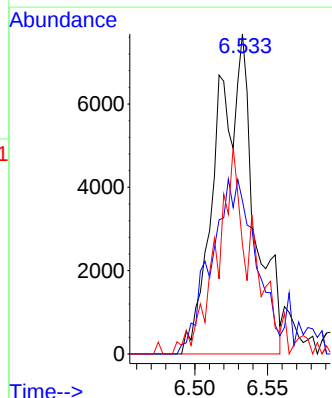
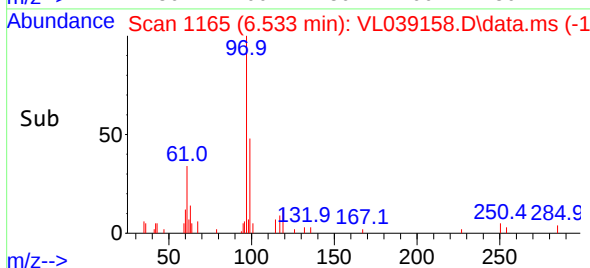
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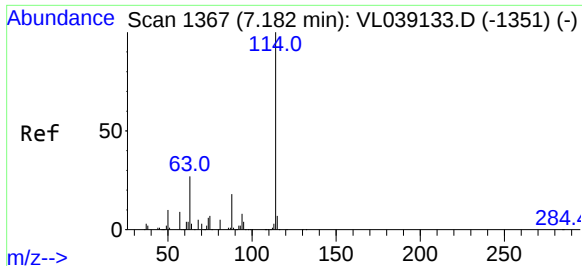


#32
 1,1,1-Trichloroethane
 Concen: 0.063 ppbv m
 RT: 6.533 min Scan# 1165
 Delta R.T. 0.016 min
 Lab File: VL039158.D
 Acq: 3 Jun 2022 18:06



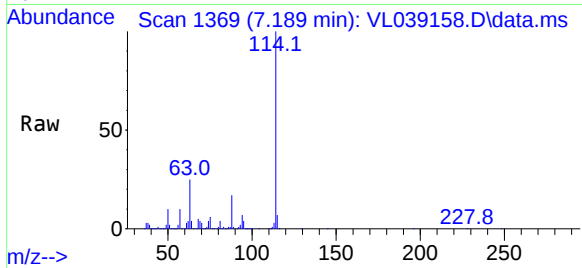
Tgt Ion: 97 Resp: 13946
 Ion Ratio Lower Upper
 97 100
 99 72.4 52.1 78.1
 61 60.3 40.0 60.0#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.189 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL039158.D
Acq: 3 Jun 2022 18:06

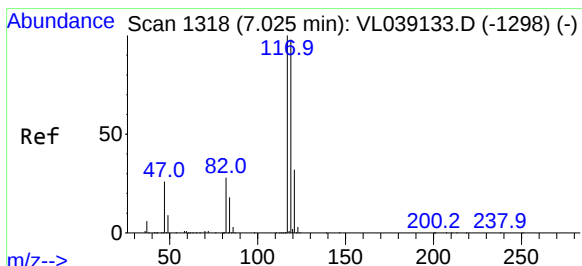
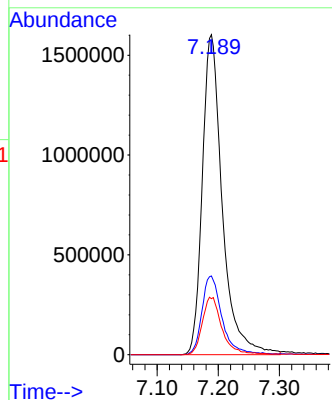
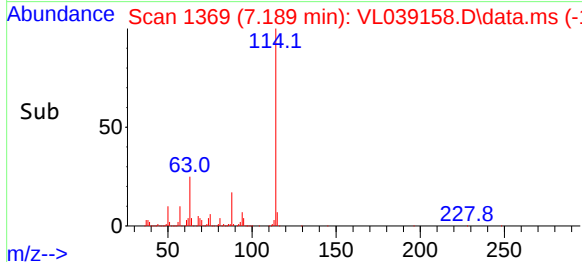
Instrument :
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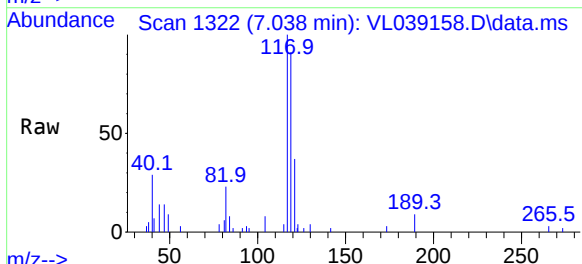
Tgt Ion:114 Resp: 3639624
Ion Ratio Lower Upper
114 100
63 25.2 21.7 32.5
88 17.9 14.8 22.2

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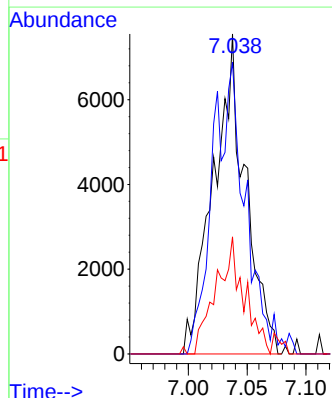
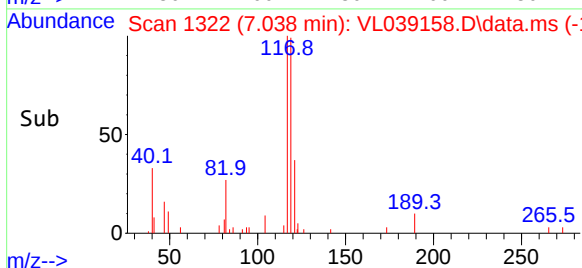
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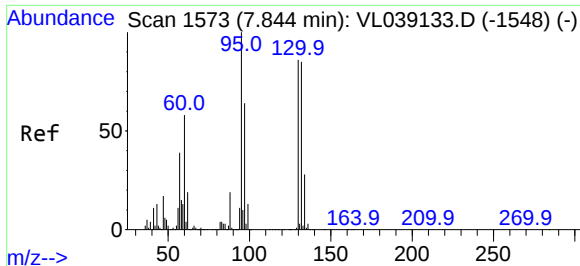


#35
Carbon Tetrachloride
Concen: 0.054 ppbv m
RT: 7.038 min Scan# 1322
Delta R.T. 0.013 min
Lab File: VL039158.D
Acq: 3 Jun 2022 18:06



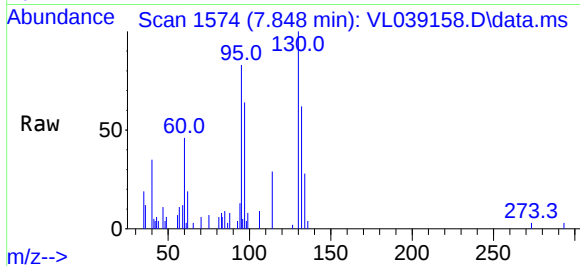
Tgt Ion:117 Resp: 14299
Ion Ratio Lower Upper
117 100
119 91.1 78.6 118.0
121 36.6 25.4 38.0





#38
Trichloroethene
Concen: 0.086 ppbv m
RT: 7.848 min Scan# 11720
Delta R.T. 0.003 min
Lab File: VL039158.D
Acq: 3 Jun 2022 18:06

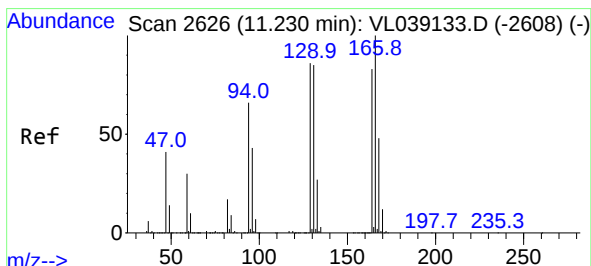
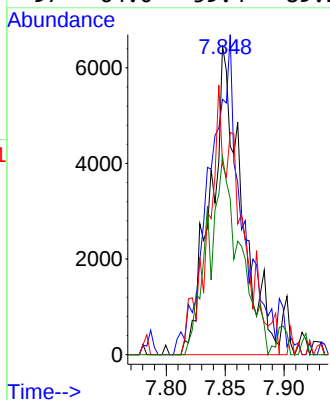
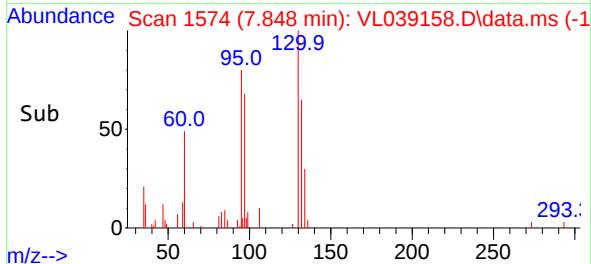
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



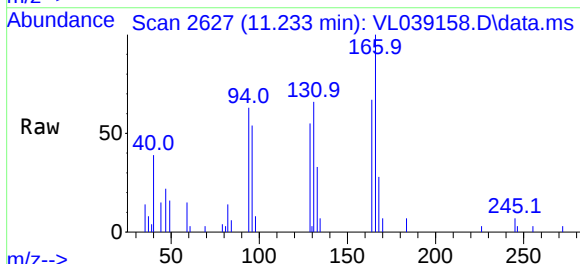
Tgt Ion:130 Resp: 11720
Ion Ratio Lower Upper
130 100
95 82.6 93.3 139.9#
132 61.5 79.0 118.4#
97 64.0 59.4 89.2

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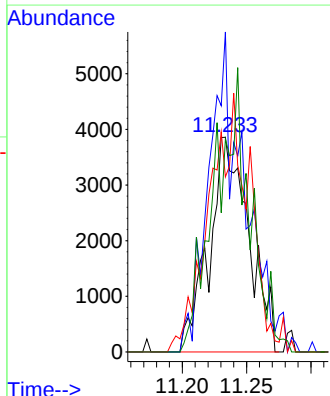
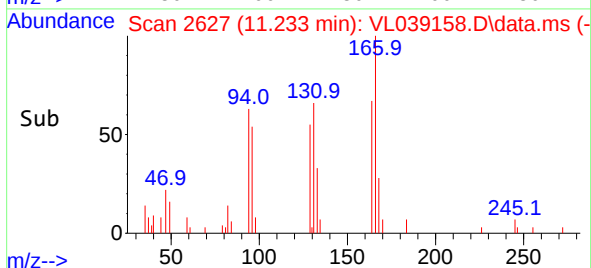
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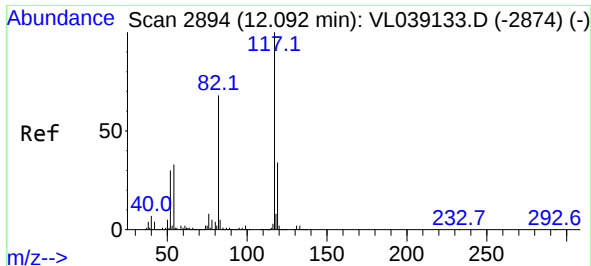


#52
Tetrachloroethene
Concen: 0.072 ppbv m
RT: 11.233 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VL039158.D
Acq: 3 Jun 2022 18:06



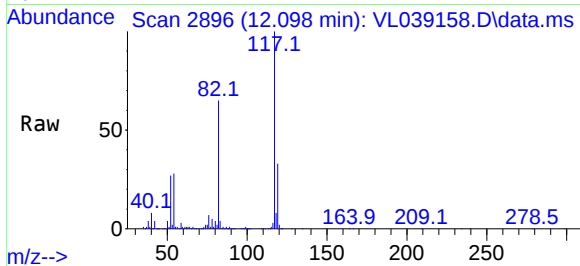
Tgt Ion:164 Resp: 8259
Ion Ratio Lower Upper
164 100
166 149.0 96.3 144.5#
129 81.5 82.5 123.7#
131 99.1 82.1 123.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 2118
Delta R.T. 0.007 min
Lab File: VL039158.D
Acq: 3 Jun 2022 18:06

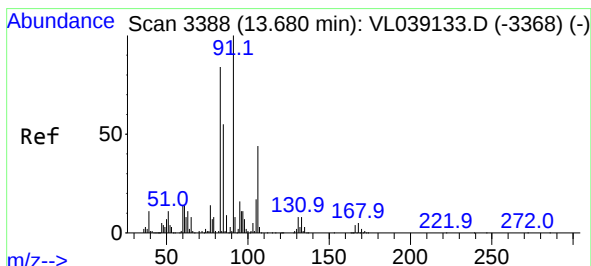
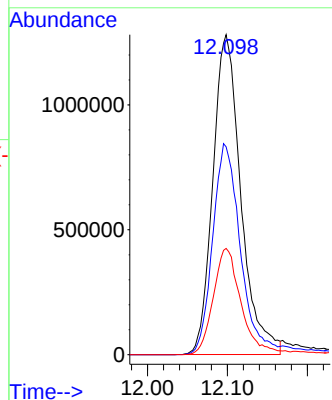
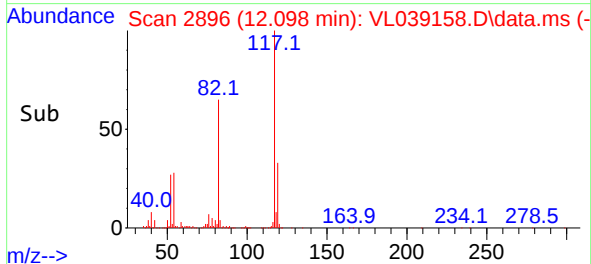
Instrument :
MSVOA_L
ClientSampleId :
VIBLK



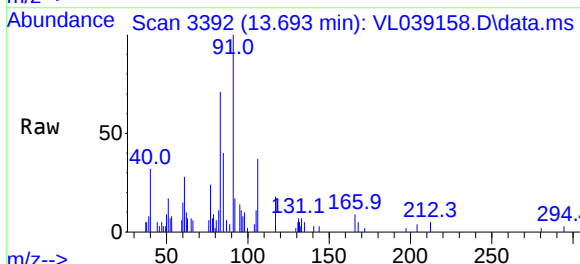
Tgt Ion: 117 Resp: 311818
Ion Ratio Lower Upper
117 100
82 69.3 55.1 82.7
119 34.4 24.7 37.1

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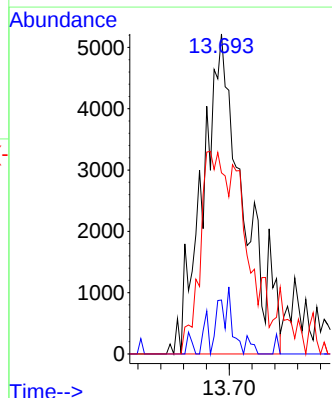
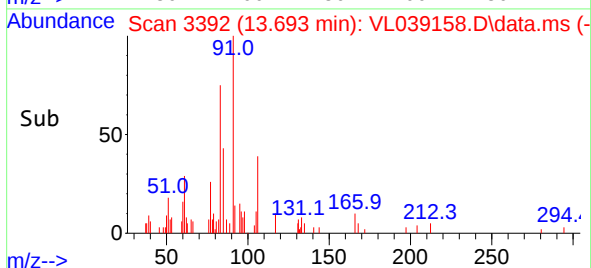
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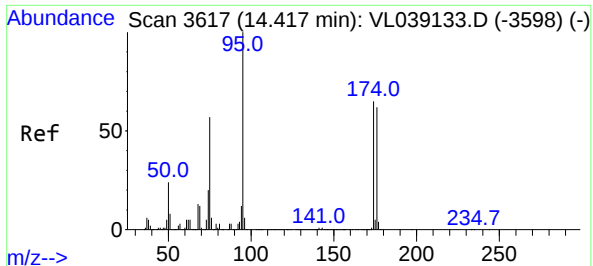


#63
1,1,2,2-Tetrachloroethane
Concen: 0.065 ppbv m
RT: 13.693 min Scan# 3392
Delta R.T. 0.013 min
Lab File: VL039158.D
Acq: 3 Jun 2022 18:06



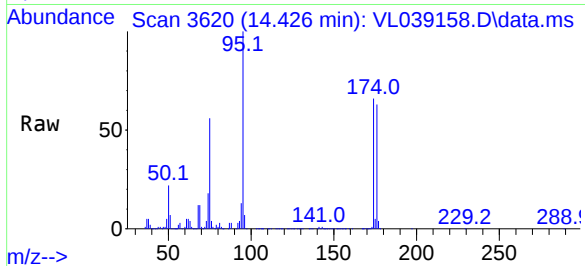
Tgt Ion: 83 Resp: 12897
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 77.3 33.0 99.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.963 ppbv
 RT: 14.426 min Scan# 30
 Delta R.T. 0.010 min
 Lab File: VL039158.D
 Acq: 3 Jun 2022 18:06

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion: 95 Resp: 2310630
 Ion Ratio Lower Upper
 95 100
 174 74.7 53.8 80.8
 175 5.5 4.1 6.1

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