

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
 Data File : VL039261.D
 Acq On : 13 Jun 2022 21:16
 Operator : SY/AP
 Sample : N3330-02DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-SG-2DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/14/2022
 Supervised By : Mahesh Dadoda 06/16/2022

Quant Time: Jun 14 01:34:35 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 15 01:34:35 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	5.671	49	1349003	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	3150876	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.085	117	2560791	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	2218101	10.477	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.800%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.996	51	280036	1.632	ppbv	97
13) Ethanol	3.607	45	142792m	34.984	ppbv	
15) Acetone	3.864	43	80914	0.576	ppbv	98
20) Methylene Chloride	4.349	84	36469	0.616	ppbv #	91
25) Ethyl Acetate	5.687	43	51335m	0.162	ppbv	
36) Benzene	6.889	78	28506m	0.111	ppbv	
52) Tetrachloroethene	11.227	164	2093119	20.957	ppbv	92

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

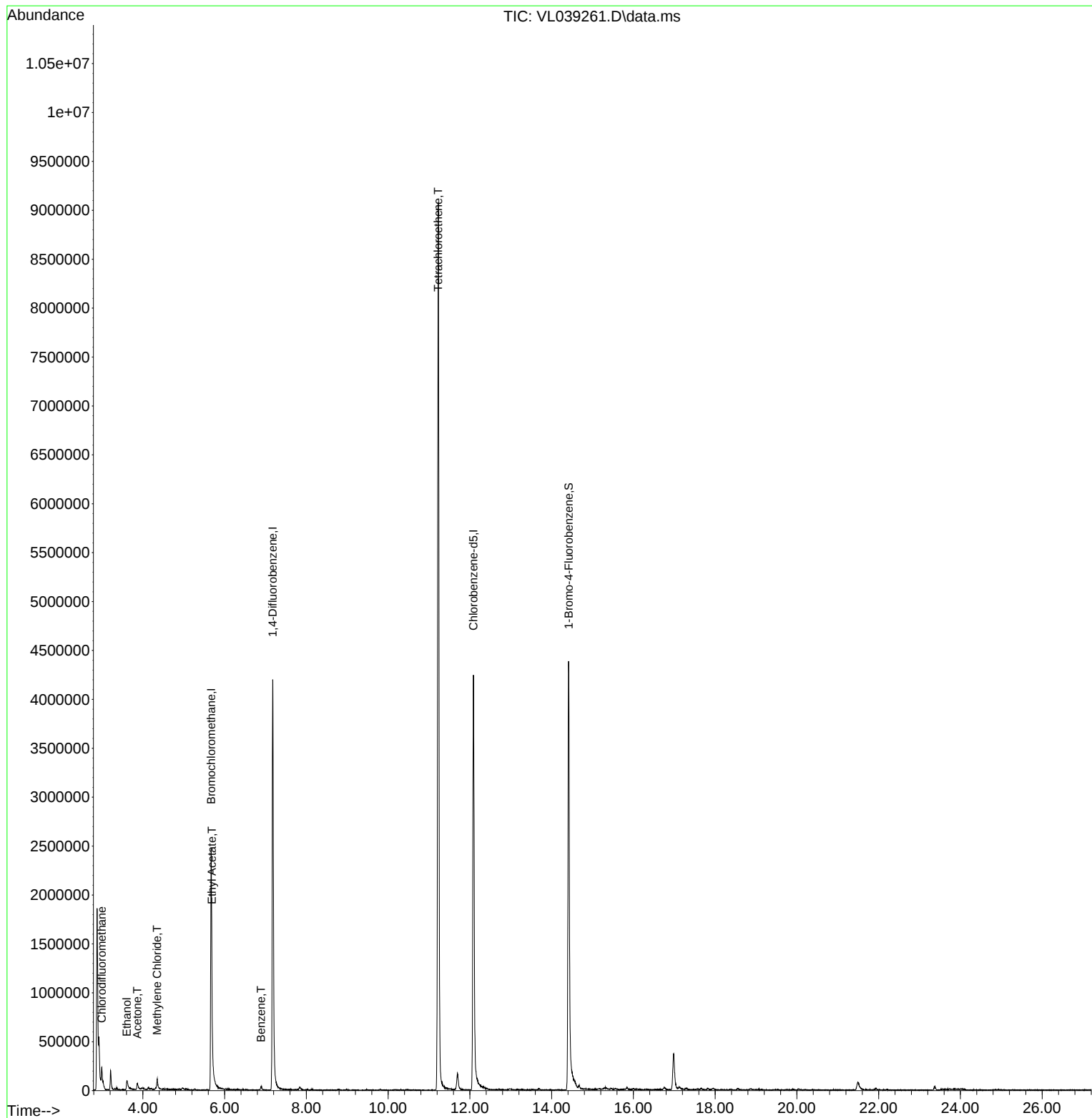
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
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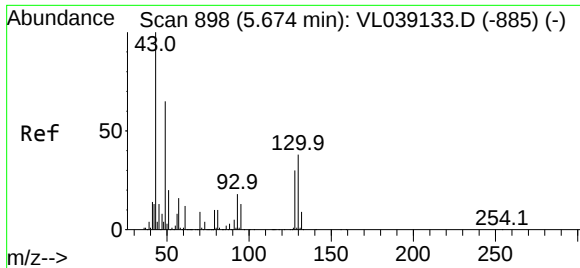
Instrument :
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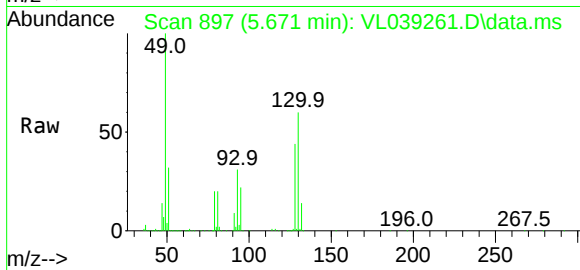
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. -0.003 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16

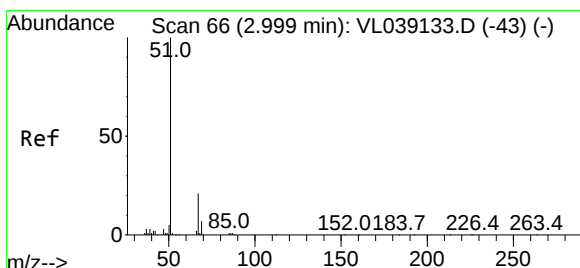
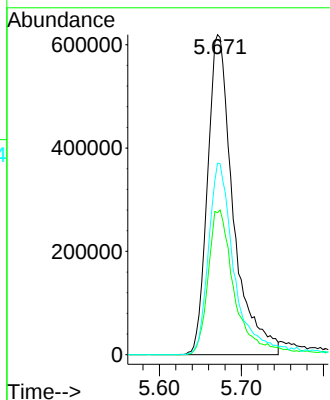
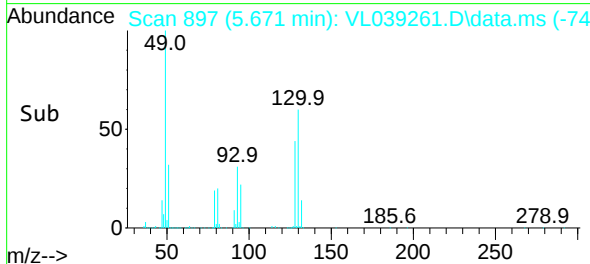
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL



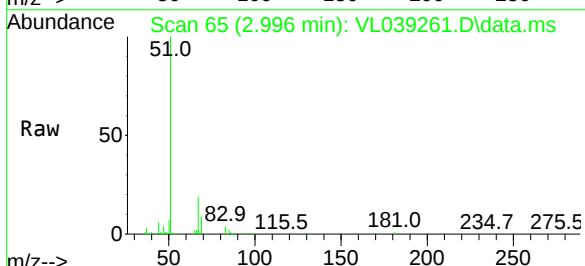
Tgt Ion: 49 Resp: 134900
Ion Ratio Lower Upper
49 100
128 47.9 24.7 74.1
130 61.0 31.4 94.0

Manual Integrations
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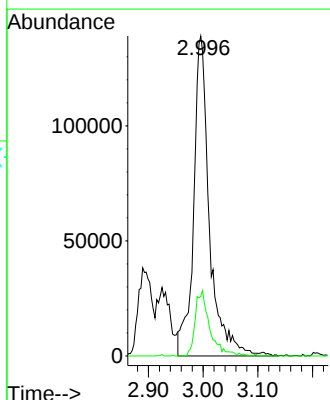
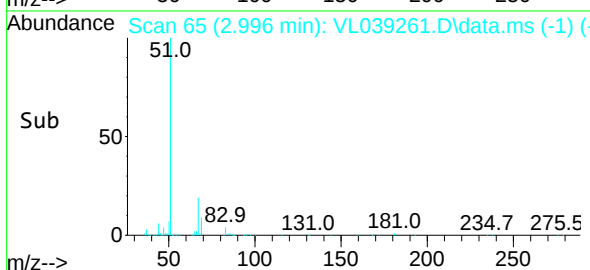
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

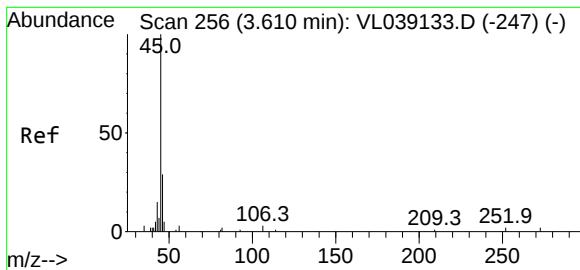


#3
Chlorodifluoromethane
Concen: 1.632 ppbv
RT: 2.996 min Scan# 65
Delta R.T. -0.003 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16



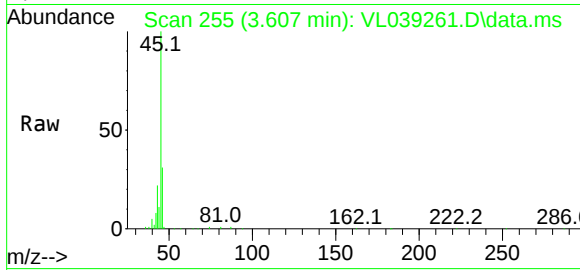
Tgt Ion: 51 Resp: 280036
Ion Ratio Lower Upper
51 100
67 18.8 16.2 24.4





#13
Ethanol
Concen: 34.984 ppbv m
RT: 3.607 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16

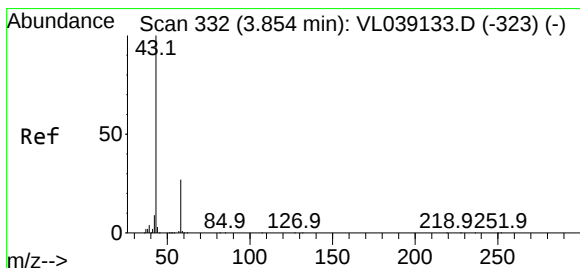
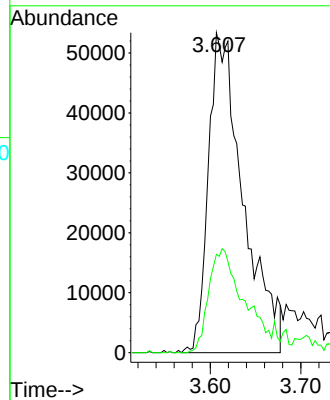
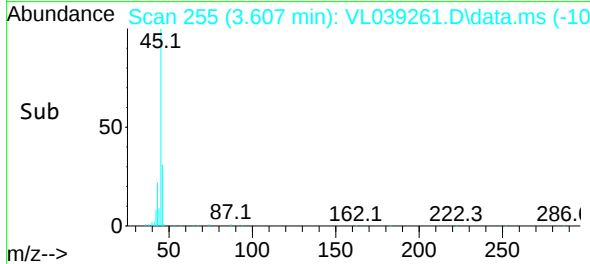
Instrument :
MSVOA_L
ClientSampleId :
OTC-SG-2DL



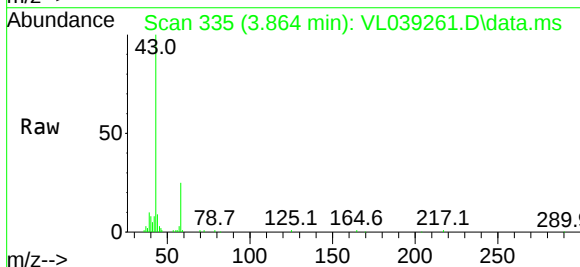
Tgt Ion: 45 Resp: 142792
Ion Ratio Lower Upper
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46 0.0 0.0 0.0

Manual Integrations
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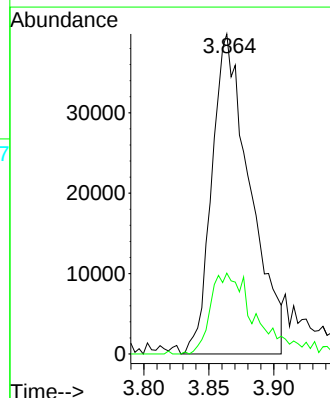
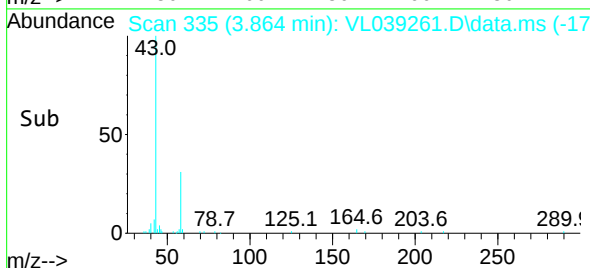
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

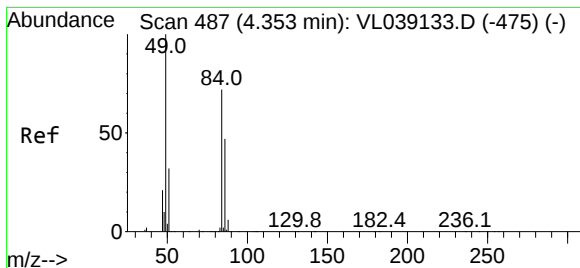


#15
Acetone
Concen: 0.576 ppbv
RT: 3.864 min Scan# 335
Delta R.T. 0.010 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16



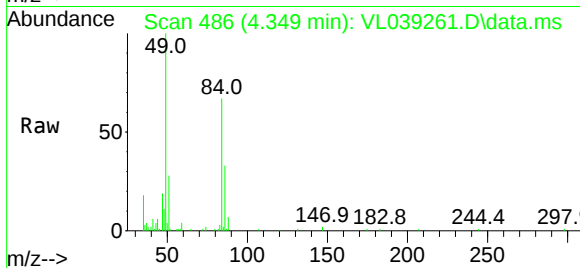
Tgt Ion: 43 Resp: 80914
Ion Ratio Lower Upper
43 100
58 29.1 22.5 33.7





#20
Methylene Chloride
Concen: 0.616 ppbv
RT: 4.349 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16

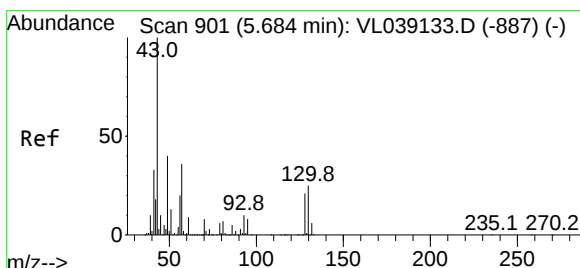
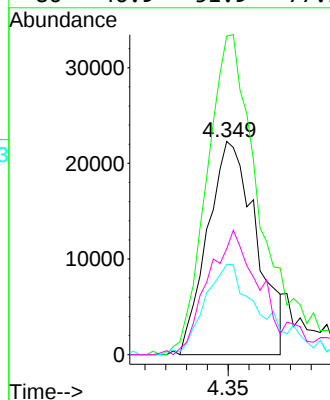
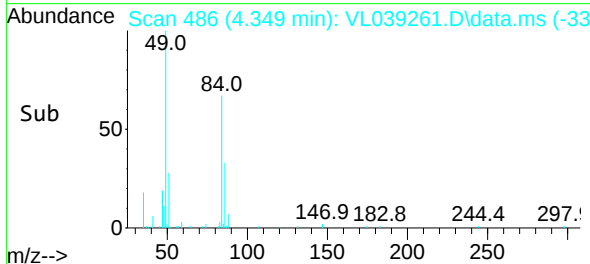
Instrument :
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ClientSampleId :
OTC-SG-2DL



Tgt Ion: 84 Resp: 36469
Ion Ratio Lower Upper
84 100
49 143.5 111.1 166.7
51 42.5 35.3 52.9
86 46.9 51.9 77.9#

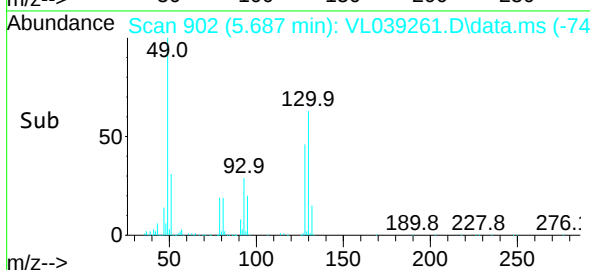
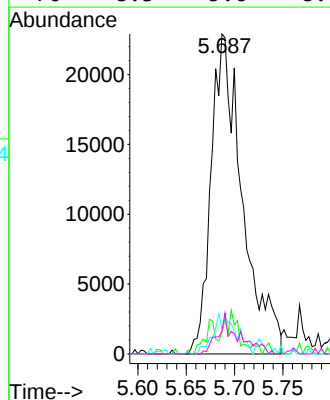
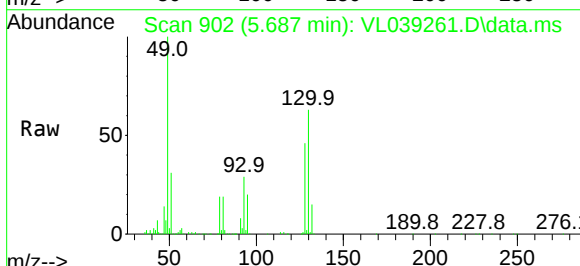
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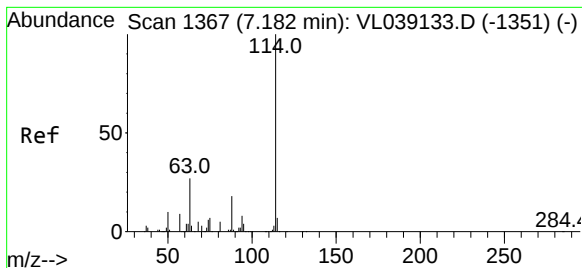
Reviewed By :Semsettin Yesilyurt 06/14/2022
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#25
Ethyl Acetate
Concen: 0.162 ppbv m
RT: 5.687 min Scan# 902
Delta R.T. 0.003 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16

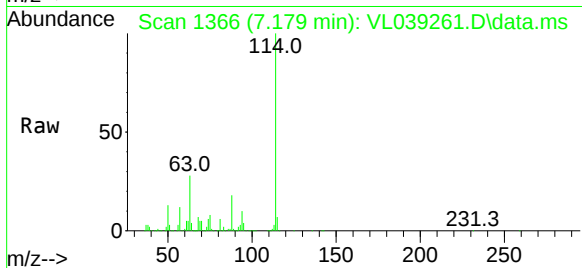
Tgt Ion: 43 Resp: 51335
Ion Ratio Lower Upper
43 100
45 3.9 8.2 12.2#
61 10.9 8.4 12.6
70 8.3 5.6 8.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16

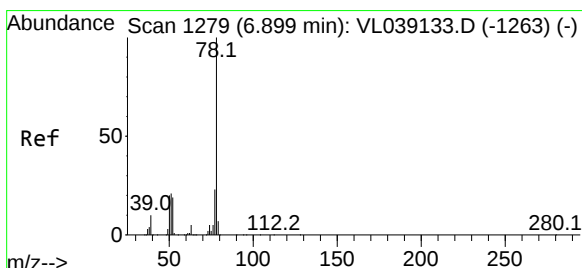
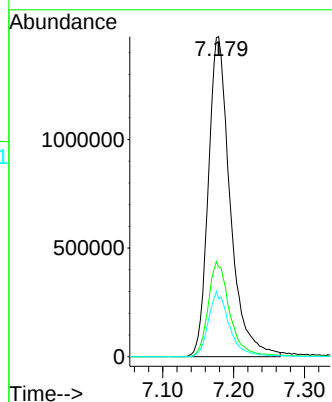
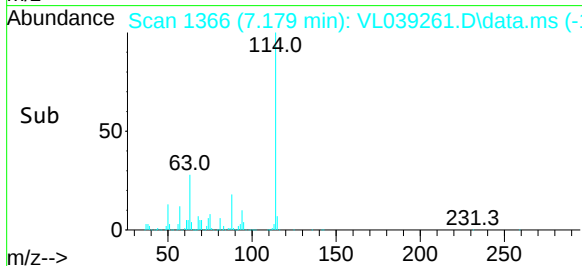
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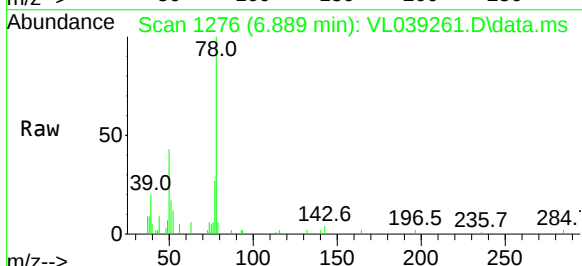
Tgt Ion:114 Resp: 3150870
Ion Ratio Lower Upper
114 100
63 29.5 21.7 32.5
88 19.8 14.8 22.2

Manual Integrations
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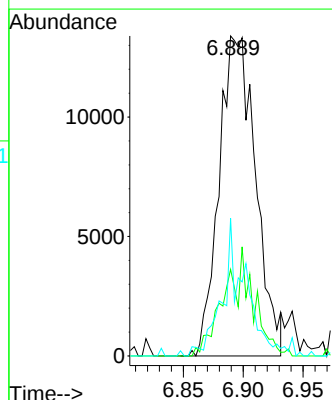
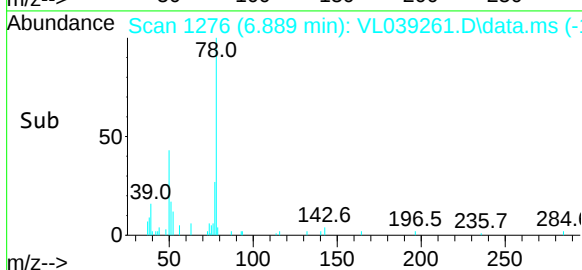
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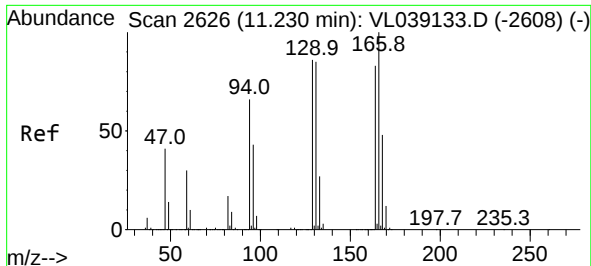


#36
Benzene
Concen: 0.111 ppbv m
RT: 6.889 min Scan# 1276
Delta R.T. -0.010 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16



Tgt Ion: 78 Resp: 28506
Ion Ratio Lower Upper
78 100
77 27.1 18.6 27.8
50 43.0 15.8 23.8#





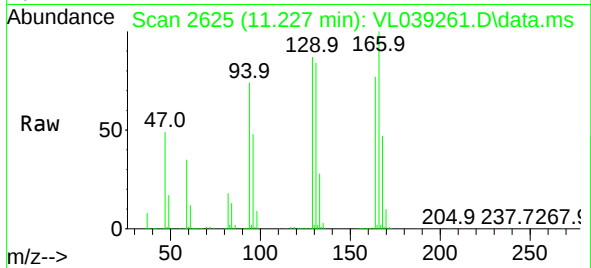
#52
Tetrachloroethene
Concen: 20.957 ppbv
RT: 11.227 min Scan# 2093119
Delta R.T. -0.003 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16

Instrument :

MSVOA_L

ClientSampleId :

OTC-SG-2DL

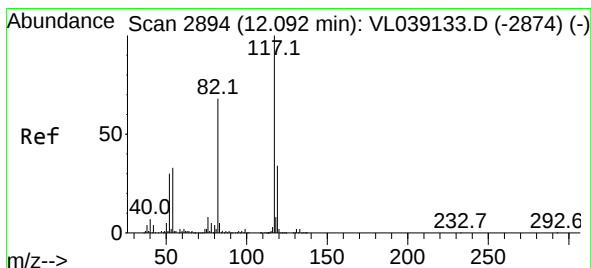
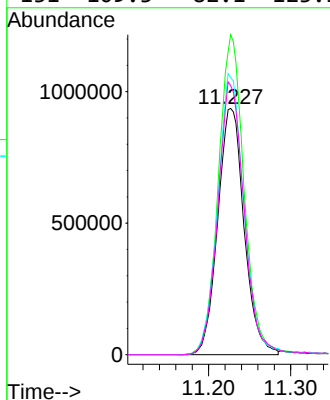
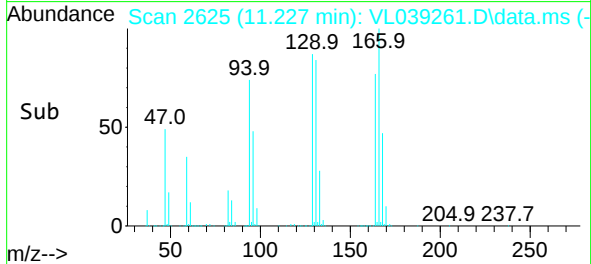


Tgt Ion:164 Resp: 2093119
Ion Ratio Lower Upper
164 100
166 130.0 96.3 144.5
129 112.5 82.5 123.7
131 109.3 82.1 123.1

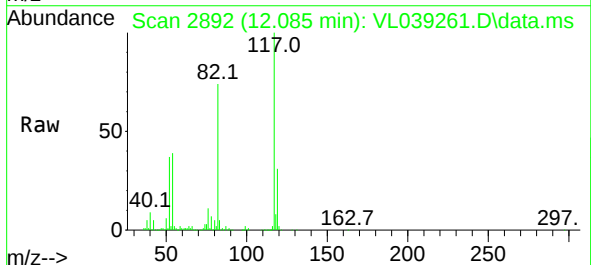
Manual Integrations

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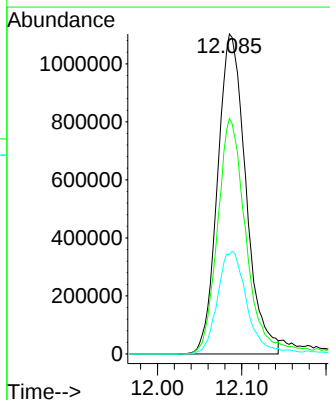
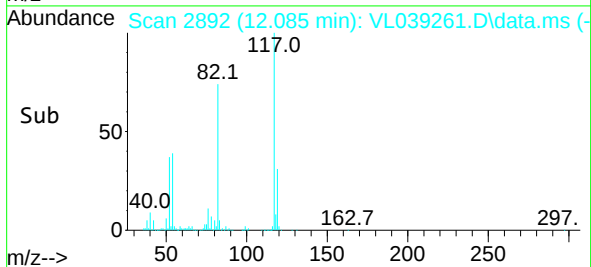
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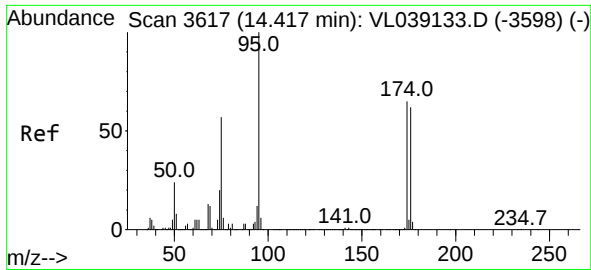


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.085 min Scan# 2892
Delta R.T. -0.007 min
Lab File: VL039261.D
Acq: 13 Jun 2022 21:16



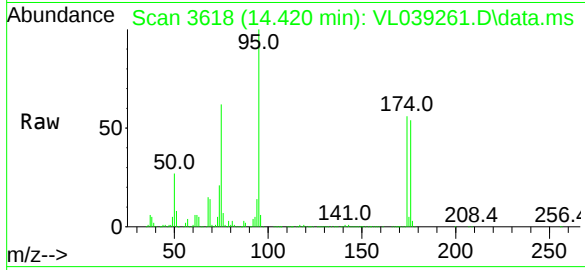
Tgt Ion:117 Resp: 2560791
Ion Ratio Lower Upper
117 100
82 75.0 55.1 82.7
119 34.4 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.477 ppbv
 RT: 14.420 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VL039261.D
 Acq: 13 Jun 2022 21:16

Instrument :
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Tgt Ion: 95 Resp: 221810
 Ion Ratio Lower Upper
 95 100
 174 61.0 53.8 80.8
 175 4.1 4.1 6.1

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