

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040035.D
 Acq On : 19 Dec 2022 19:31
 Operator : SY/MD
 Sample : N6059-03DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 05:15:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug :
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	994821	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	2845380	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2415819	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1858304	10.070	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%
Target Compounds						
					Qvalue	
9) Propene	2.684	41	10414	0.167	ppbv #	82
13) Ethanol	3.231	45	36455m	6.218	ppbv	
15) Acetone	3.462	43	69000	0.448	ppbv	94
19) Isopropyl Alcohol	3.571	45	79028	1.042	ppbv #	93
20) Methylene Chloride	3.912	84	100139	1.531	ppbv	95
26) Hexane	5.192	57	41938	0.374	ppbv #	40

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

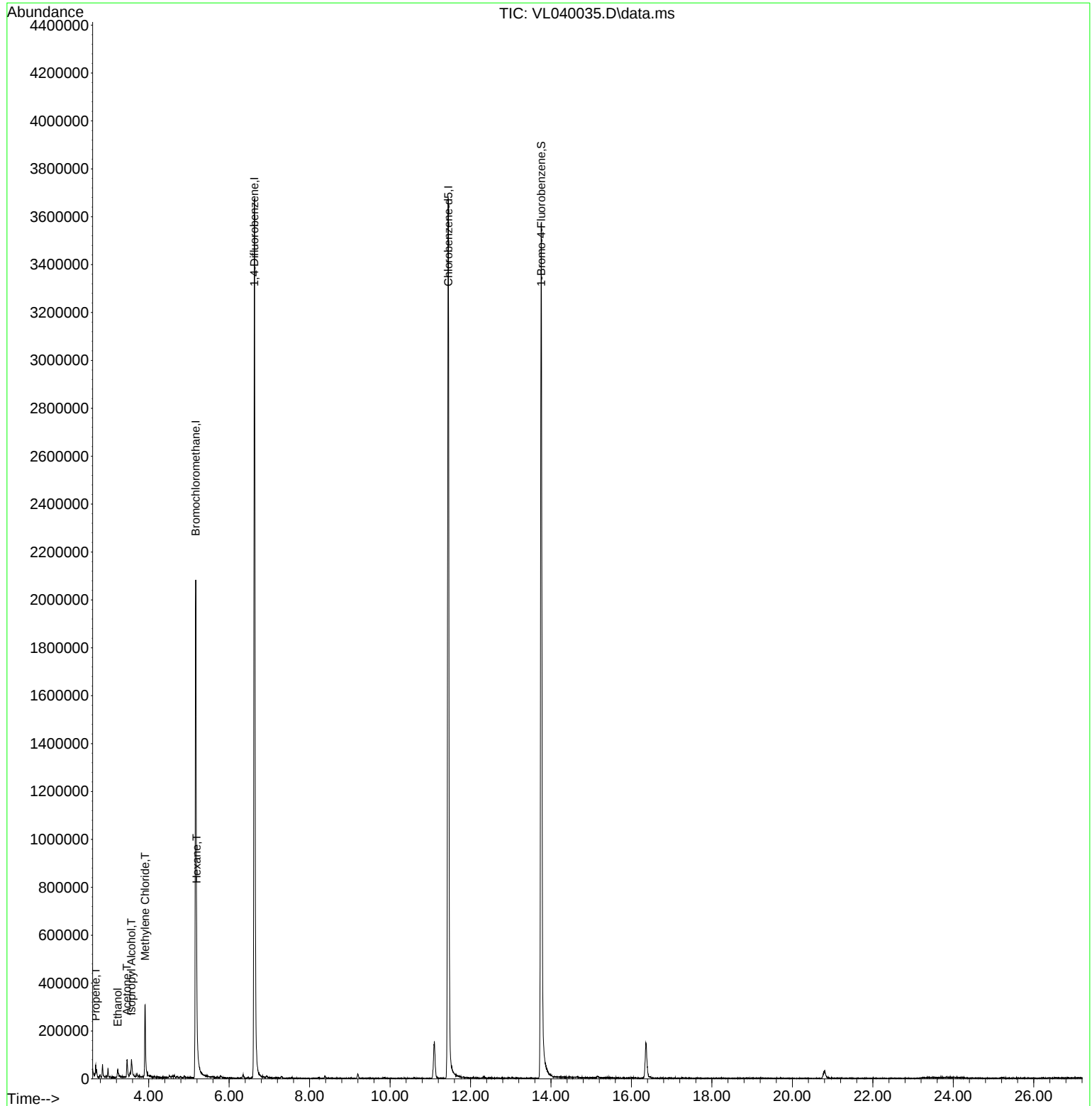
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
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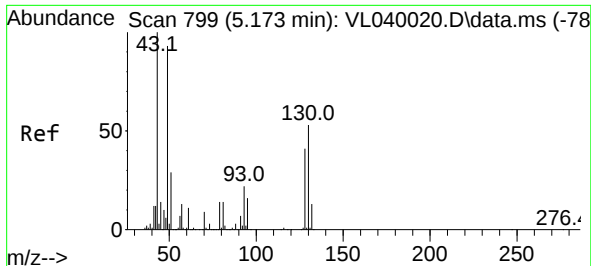
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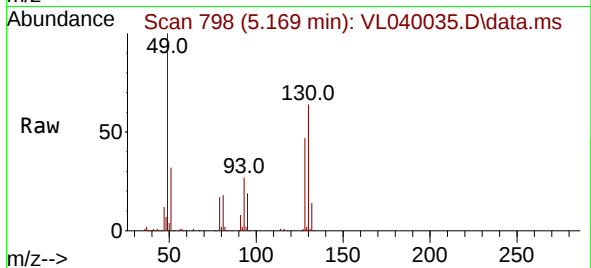
Quant Time: Dec 20 05:15:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Dec 20 04:50:21 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 799
Delta R.T. -0.004 min
Lab File: VL040035.D
Acq: 19 Dec 2022 19:31

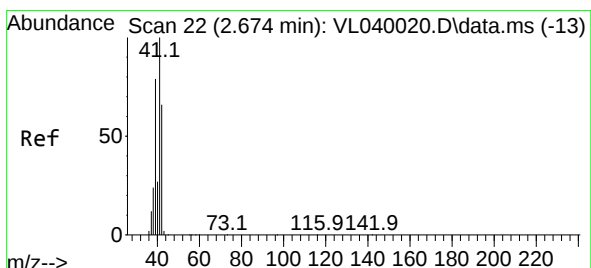
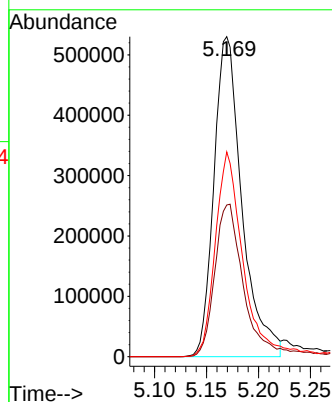
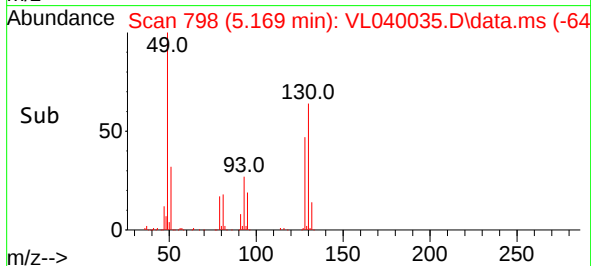
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 49 Resp: 99482
Ion Ratio Lower Upper
49 100
128 50.3 22.4 67.3
130 66.7 28.9 86.8

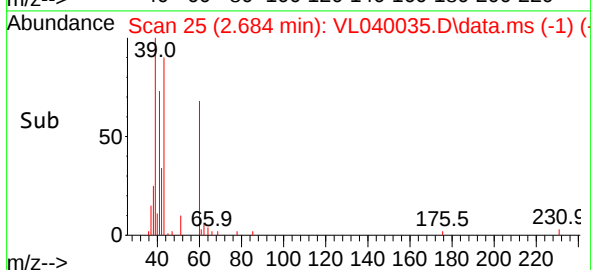
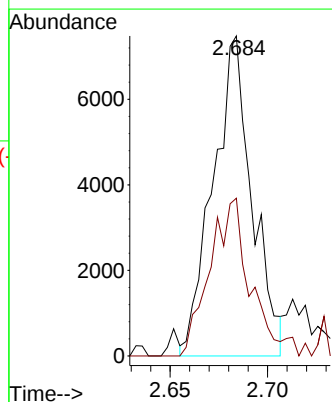
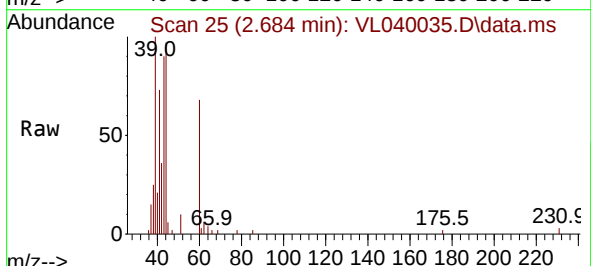
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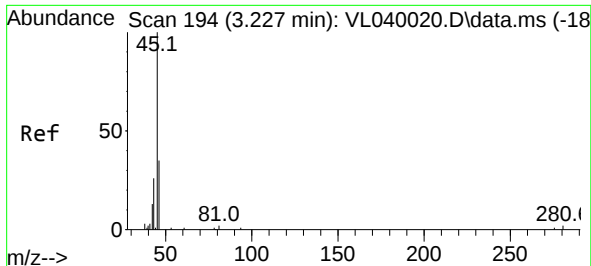
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#9
Propene
Concen: 0.167 ppbv
RT: 2.684 min Scan# 25
Delta R.T. 0.010 min
Lab File: VL040035.D
Acq: 19 Dec 2022 19:31

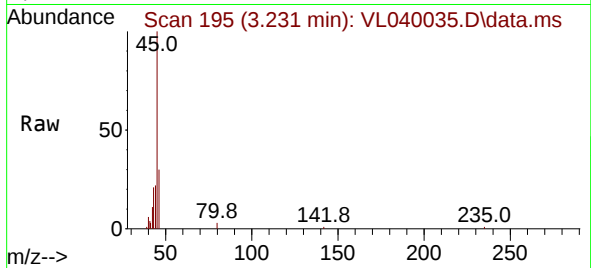
Tgt Ion: 41 Resp: 10414
Ion Ratio Lower Upper
41 100
42 53.9 54.8 82.2#





#13
Ethanol
Concen: 6.218 ppbv m
RT: 3.231 min Scan# 194
Delta R.T. 0.003 min
Lab File: VL040035.D
Acq: 19 Dec 2022 19:31

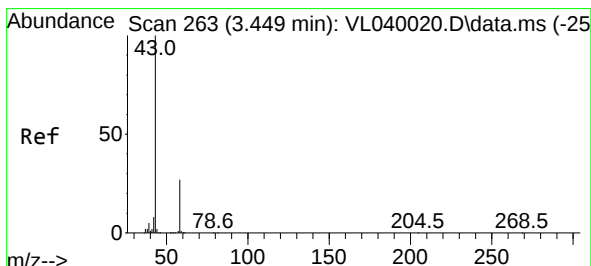
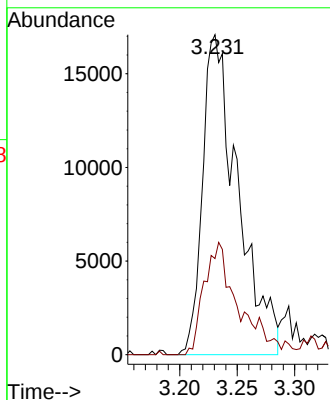
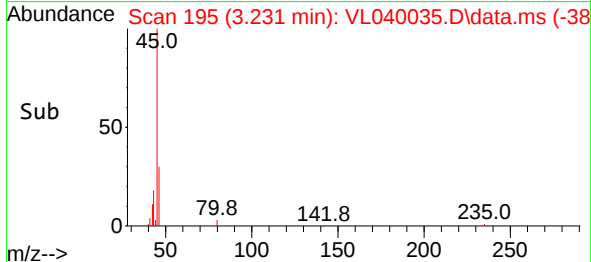
Instrument :
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ClientSampleId :
OA1DL



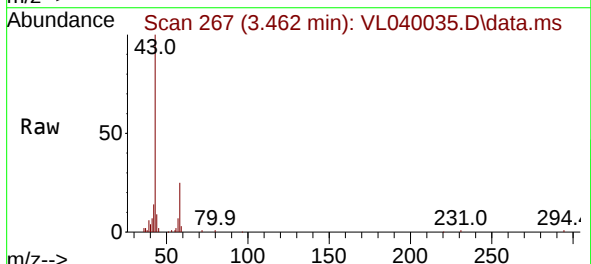
Tgt Ion: 45 Resp: 3645
Ion Ratio Lower Upper
45 100
46 35.0 13.7 54.7

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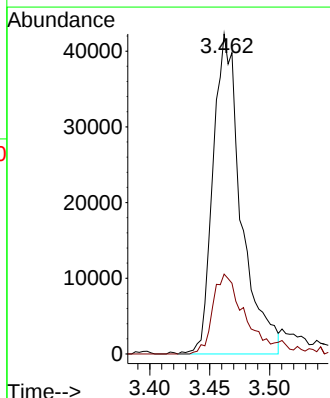
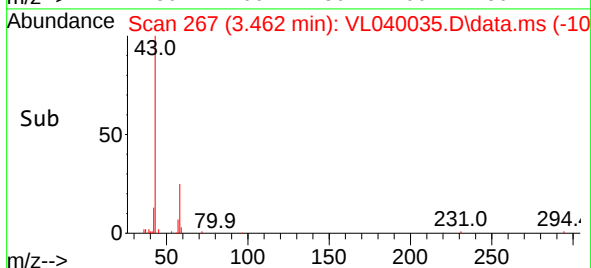
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

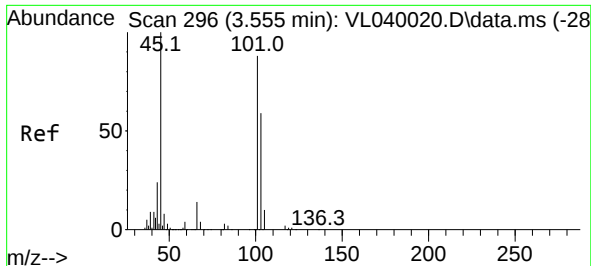


#15
Acetone
Concen: 0.448 ppbv
RT: 3.462 min Scan# 267
Delta R.T. 0.013 min
Lab File: VL040035.D
Acq: 19 Dec 2022 19:31



Tgt Ion: 43 Resp: 69000
Ion Ratio Lower Upper
43 100
58 30.7 21.8 32.8





#19

Isopropyl Alcohol

Concen: 1.042 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.016 min

Lab File: VL040035.D

Acq: 19 Dec 2022 19:31

Instrument :

MSVOA_L

ClientSampleId :

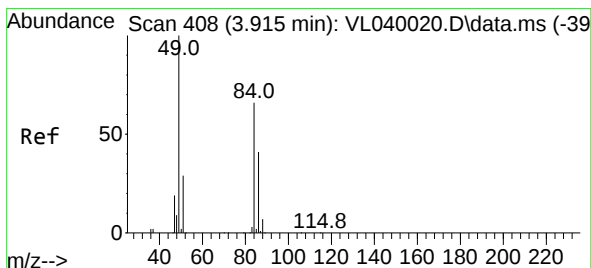
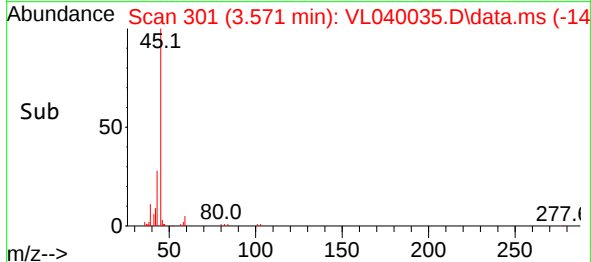
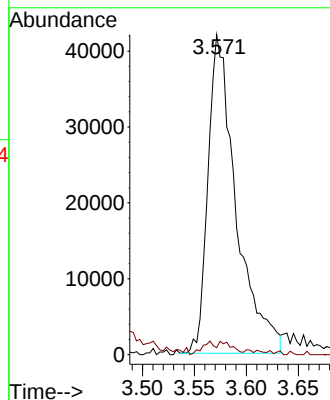
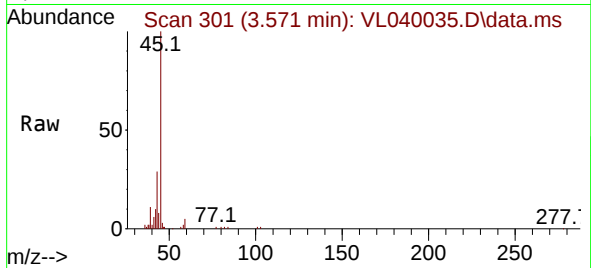
OA1DL

Tgt Ion: 45 Resp: 79028
 Ion Ratio Lower Upper
 45 100
 58 4.6 1.7 2.5

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 Supervised By :Mahesh Dadoda 12/20/2022



#20

Methylene Chloride

Concen: 1.531 ppbv

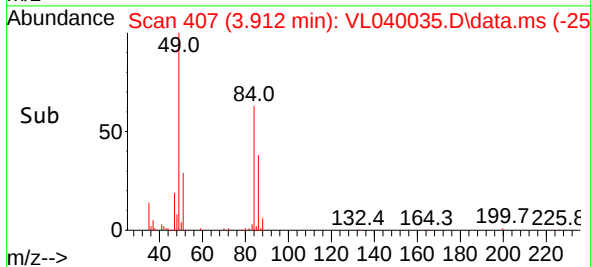
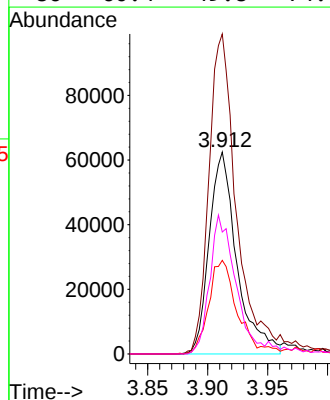
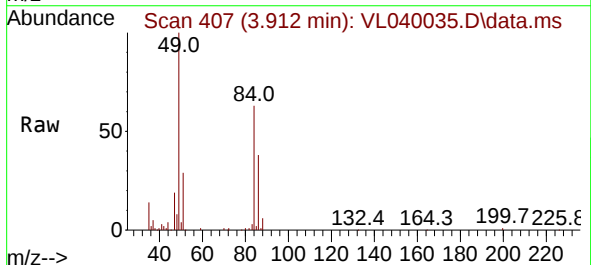
RT: 3.912 min Scan# 407

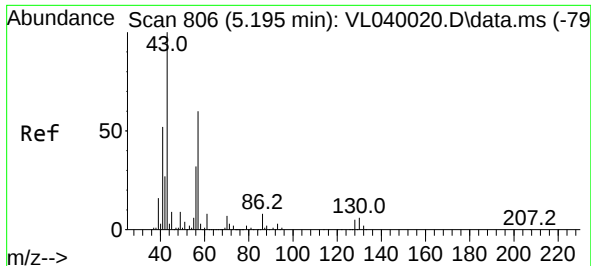
Delta R.T. -0.003 min

Lab File: VL040035.D

Acq: 19 Dec 2022 19:31

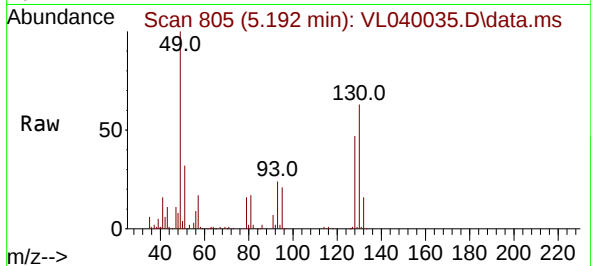
Tgt Ion: 84 Resp: 100139
 Ion Ratio Lower Upper
 84 100
 49 158.4 120.5 180.7
 51 46.0 35.2 52.8
 86 60.4 49.8 74.6





#26
Hexane
Concen: 0.374 ppbv
RT: 5.192 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL040035.D
Acq: 19 Dec 2022 19:31

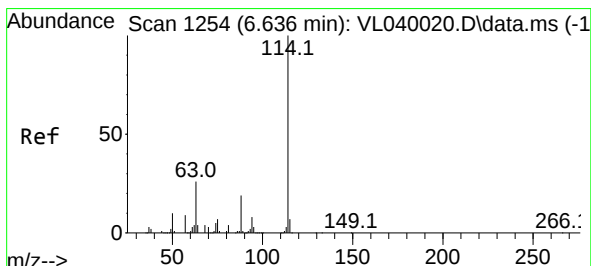
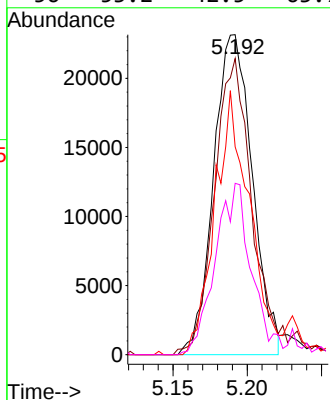
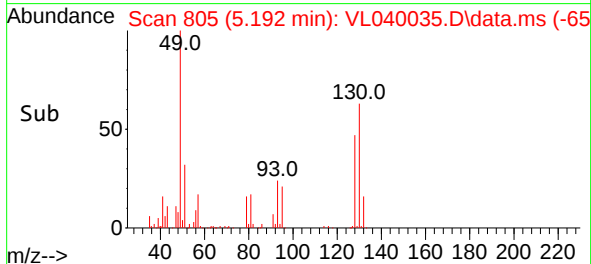
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OA1DL



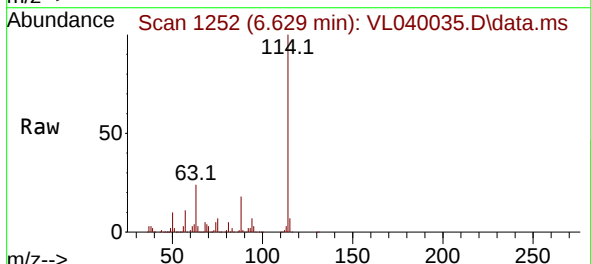
Tgt Ion: 57 Resp: 41938
Ion Ratio Lower Upper
57 100
41 93.8 72.1 108.1
43 78.9 192.1 288.1
56 53.2 42.5 63.7

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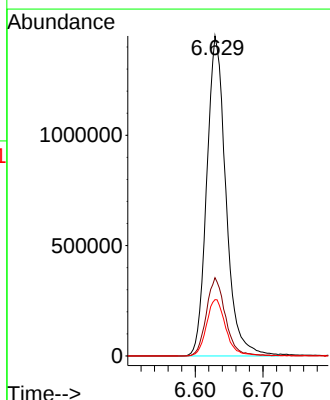
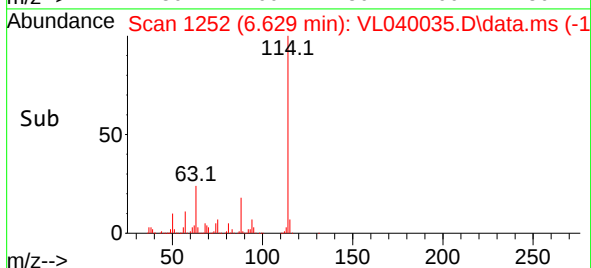
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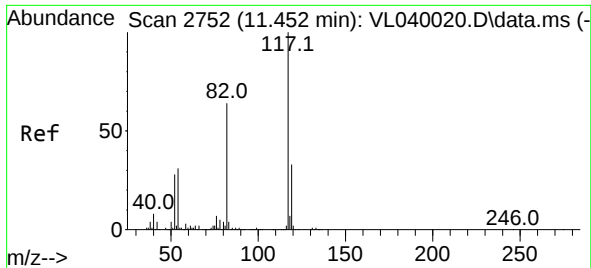


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.629 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VL040035.D
Acq: 19 Dec 2022 19:31



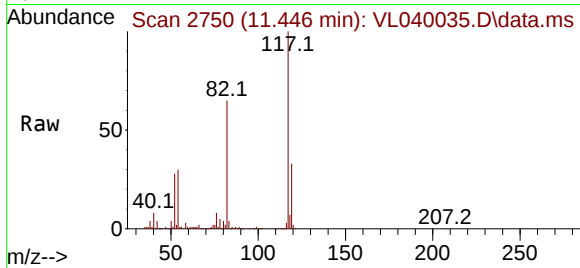
Tgt Ion:114 Resp: 2845380
Ion Ratio Lower Upper
114 100
63 24.5 20.2 30.2
88 17.9 14.6 21.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040035.D
Acq: 19 Dec 2022 19:31

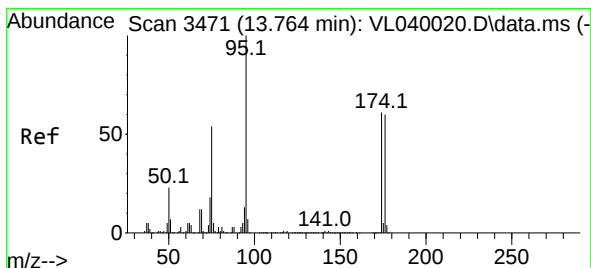
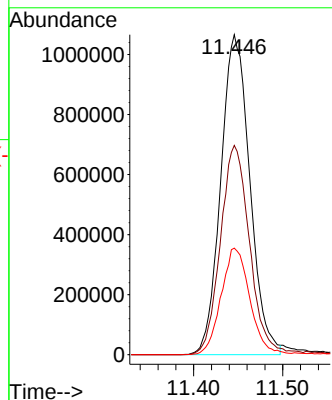
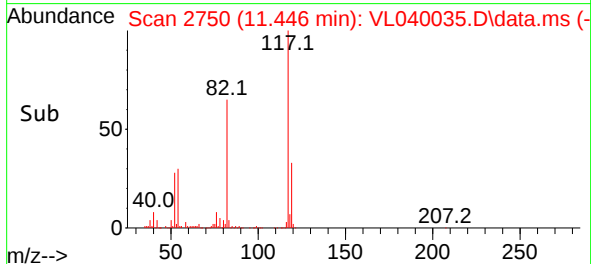
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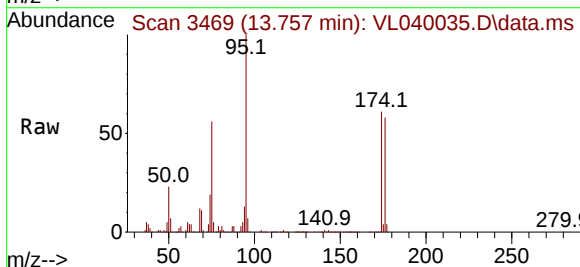
Tgt Ion: 117 Resp: 2415819
Ion Ratio Lower Upper
117 100
82 66.6 51.2 76.8
119 33.4 23.2 34.8

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.070 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.006 min
Lab File: VL040035.D
Acq: 19 Dec 2022 19:31



Tgt Ion: 95 Resp: 1858304
Ion Ratio Lower Upper
95 100
174 62.4 48.6 73.0
175 4.5 3.4 5.2

