

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
 Data File : VL039912.D
 Acq On : 21 Nov 2022 16:25
 Operator : SY/AP
 Sample : N5724-05DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/22/2022
 Supervised By :Mahesh Dadoda 11/24/2022

Quant Time: Nov 22 03:49:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug :
 QLast Update : Tue Nov 22 03:45:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	1142101	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	3122356	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2801590	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2230172	10.422	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.706	85	20144	0.123	ppbv	94
9) Propene	2.684	41	11214m	0.151	ppbv	
13) Ethanol	3.234	45	22653m	3.997	ppbv	
15) Acetone	3.452	43	139396	0.920	ppbv	99
20) Methylene Chloride	3.909	84	791142	10.780	ppbv	98
26) Hexane	5.188	57	421653	3.470	ppbv #	38

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

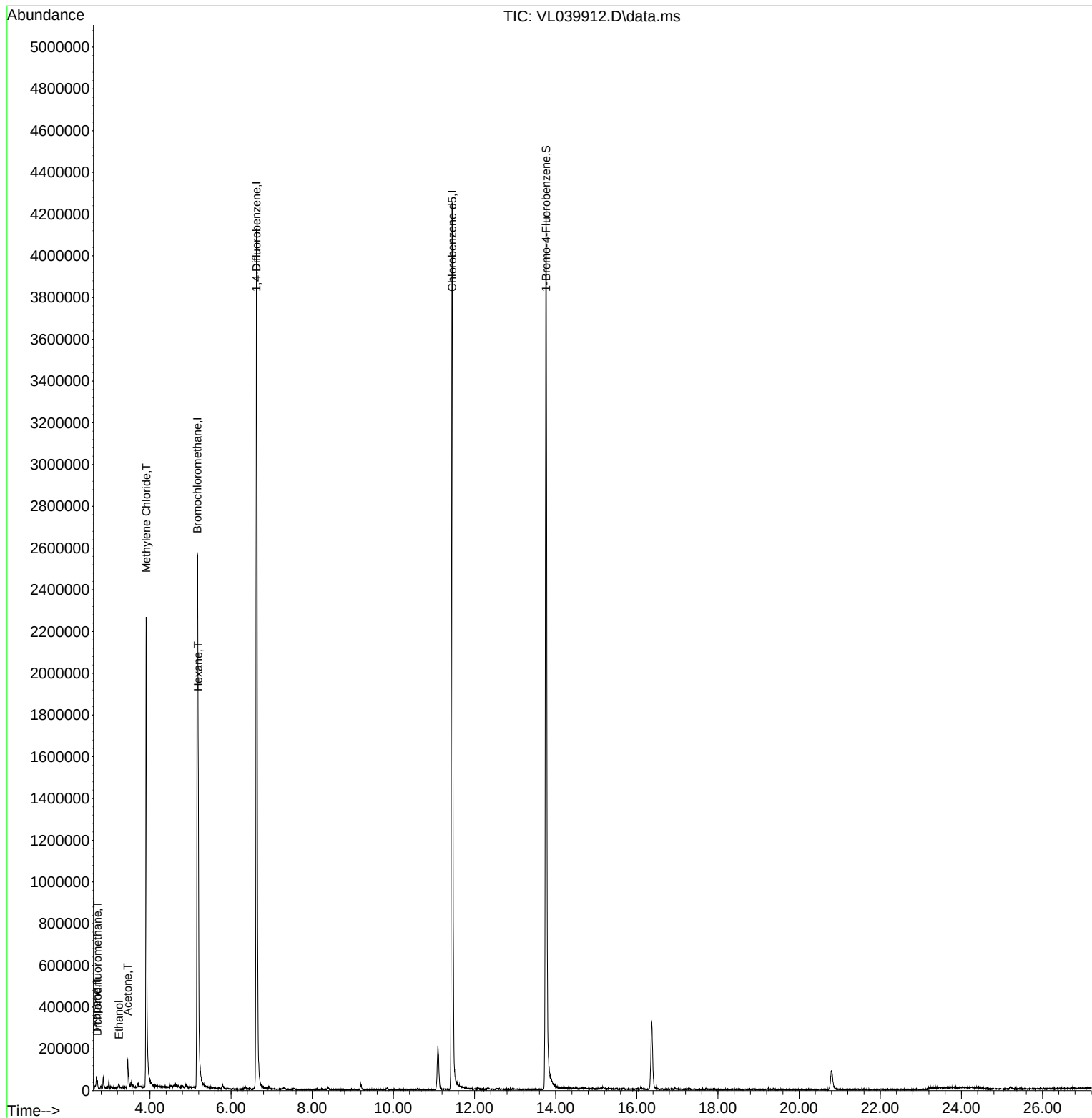
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112122\
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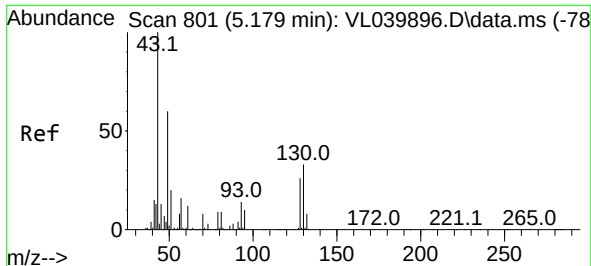
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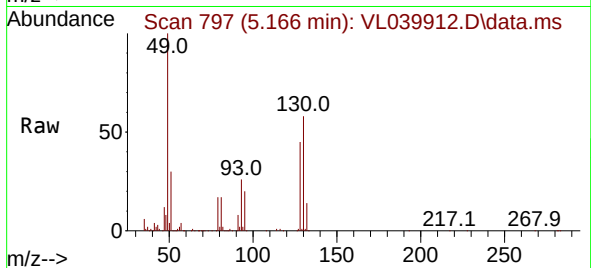
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL11822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Nov 22 03:45:31 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 79
Delta R.T. 0.010 min
Lab File: VL039912.D
Acq: 21 Nov 2022 16:25

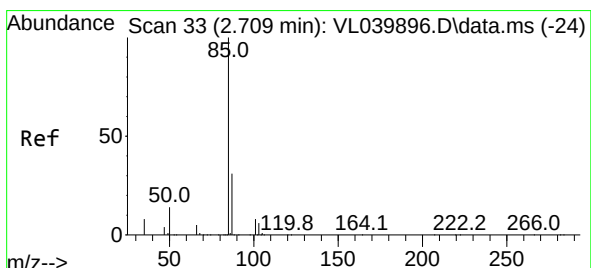
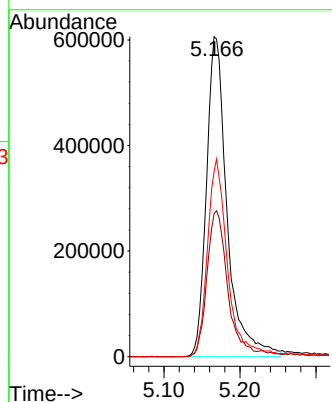
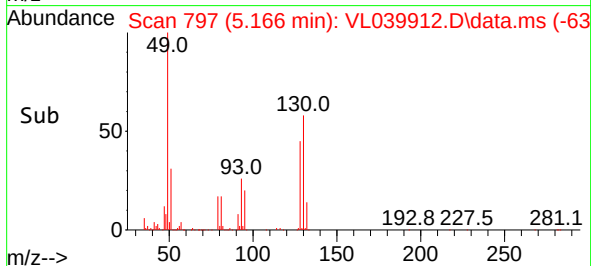
Instrument :
MSVOA_L
ClientSampleId :
OA1DL



Tgt Ion: 49 Resp: 114210
Ion Ratio Lower Upper
49 100
128 47.6 22.1 66.3
130 62.7 27.7 83.1

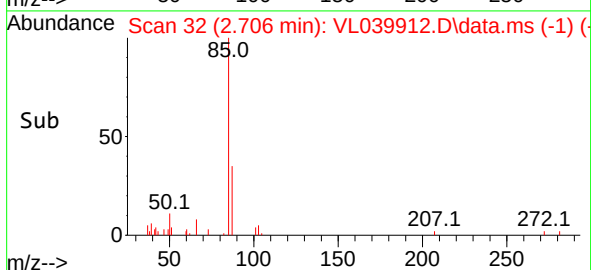
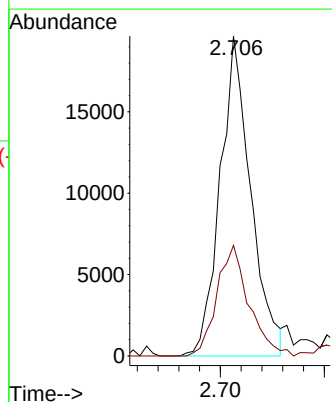
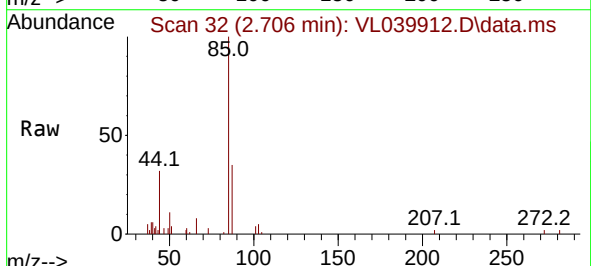
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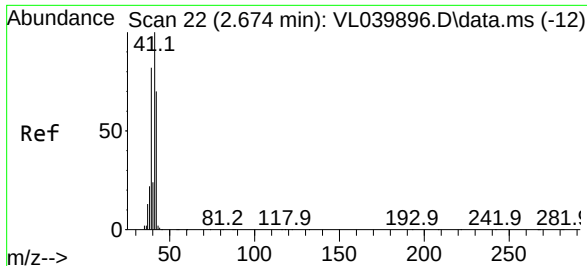
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Supervised By :Mahesh Dadoda 11/24/2022



#2
Dichlorodifluoromethane
Concen: 0.123 ppbv
RT: 2.706 min Scan# 32
Delta R.T. 0.010 min
Lab File: VL039912.D
Acq: 21 Nov 2022 16:25

Tgt Ion: 85 Resp: 20144
Ion Ratio Lower Upper
85 100
87 34.6 25.0 37.4





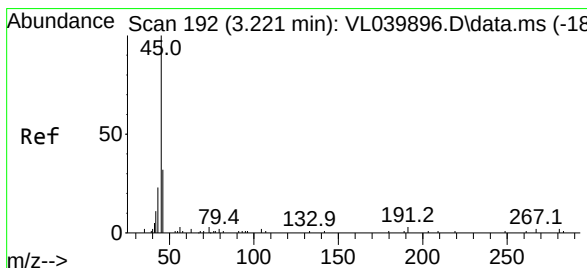
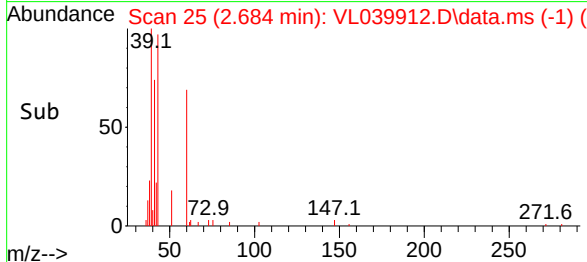
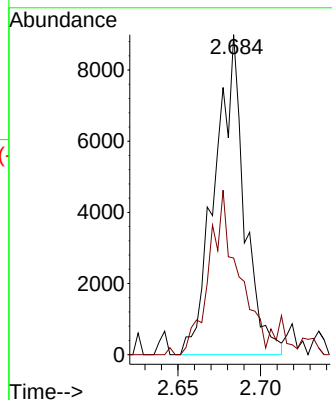
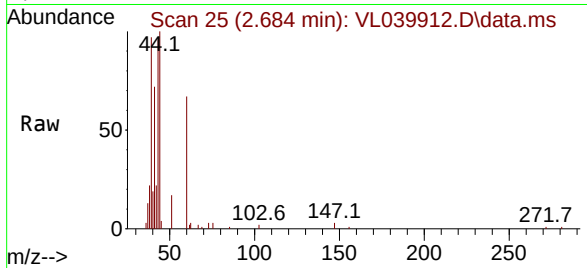
#9
 Propene
 Concen: 0.151 ppbv m
 RT: 2.684 min Scan# 21
 Delta R.T. 0.022 min
 Lab File: VL039912.D
 Acq: 21 Nov 2022 16:25

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Tgt Ion: 41 Resp: 11214
 Ion Ratio Lower Upper
 41 100
 42 60.4 55.8 83.6

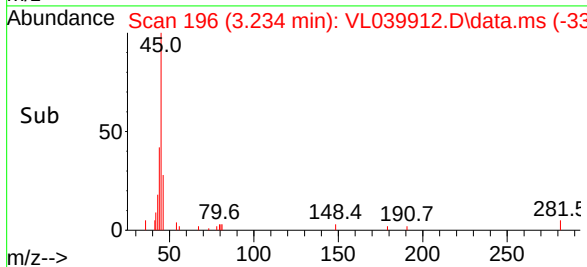
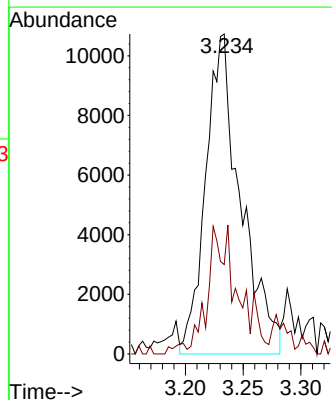
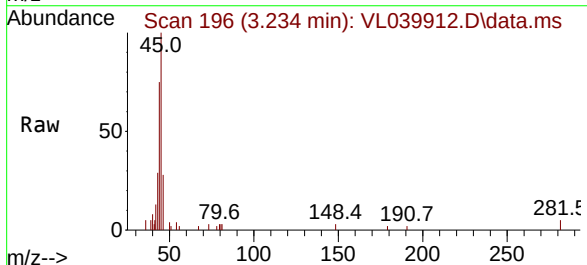
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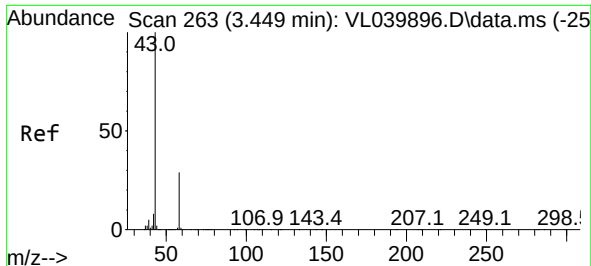
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#13
 Ethanol
 Concen: 3.997 ppbv m
 RT: 3.234 min Scan# 196
 Delta R.T. 0.026 min
 Lab File: VL039912.D
 Acq: 21 Nov 2022 16:25

Tgt Ion: 45 Resp: 22653
 Ion Ratio Lower Upper
 45 100
 46 35.5 14.6 58.2





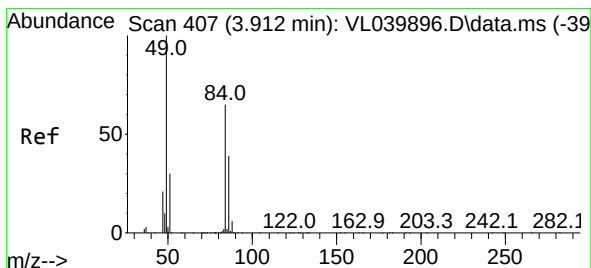
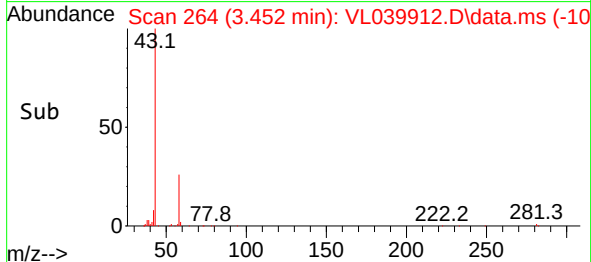
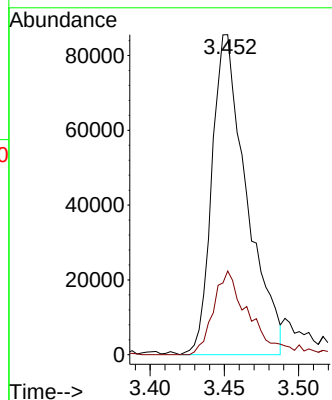
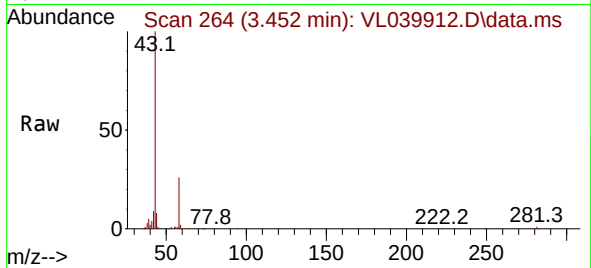
#15
Acetone
Concen: 0.920 ppbv
RT: 3.452 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL039912.D
Acq: 21 Nov 2022 16:25

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 43 Resp: 139390
Ion Ratio Lower Upper
43 100
58 28.1 22.9 34.3

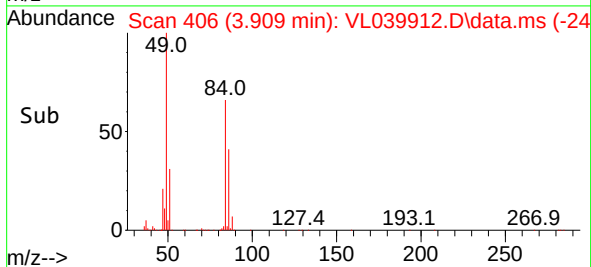
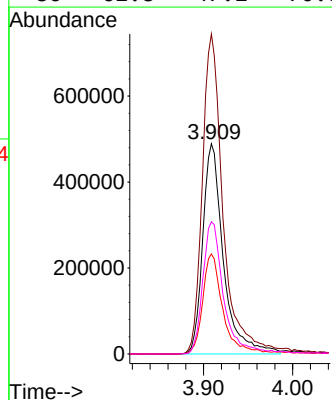
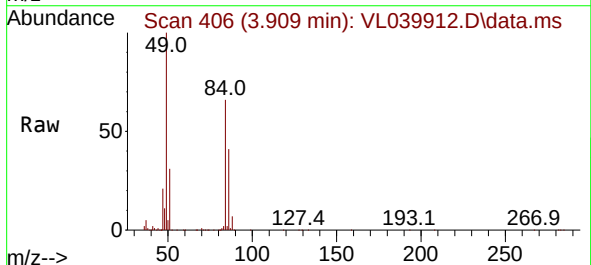
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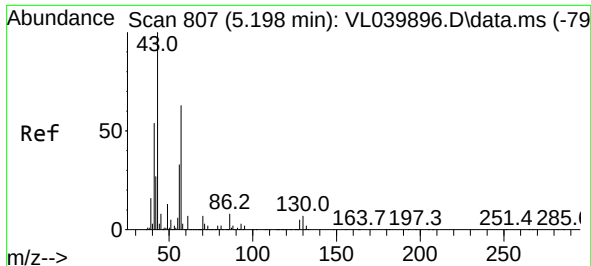
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#20
Methylene Chloride
Concen: 10.780 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.010 min
Lab File: VL039912.D
Acq: 21 Nov 2022 16:25

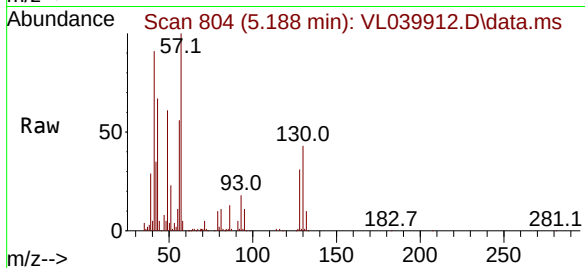
Tgt Ion: 84 Resp: 791142
Ion Ratio Lower Upper
84 100
49 152.1 122.2 183.4
51 47.5 36.3 54.5
86 62.8 47.2 70.8





#26
Hexane
Concen: 3.470 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.006 min
Lab File: VL039912.D
Acq: 21 Nov 2022 16:25

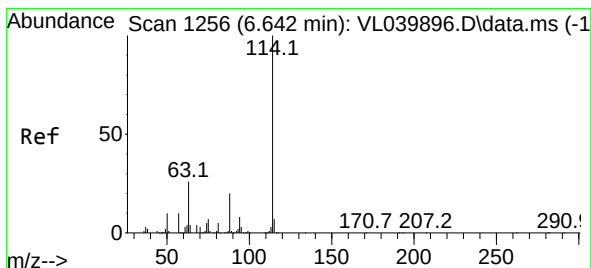
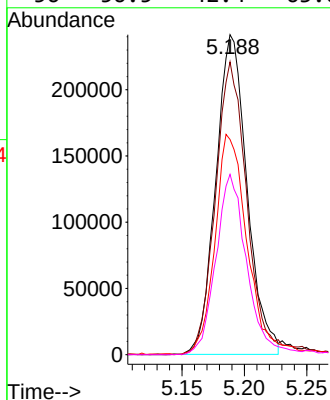
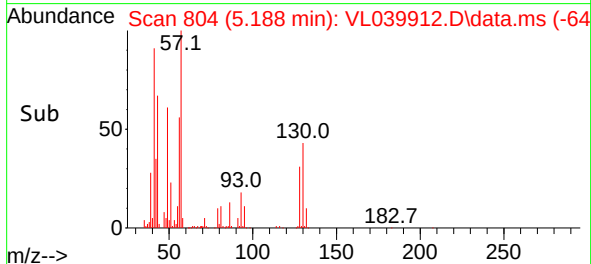
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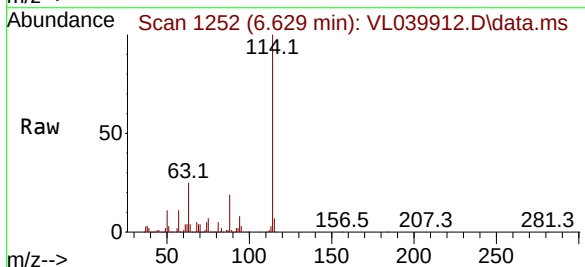
Tgt Ion: 57 Resp: 42165
Ion Ratio Lower Upper
57 100
41 94.8 72.3 108.5
43 73.1 188.7 283.1
56 56.5 42.4 63.6

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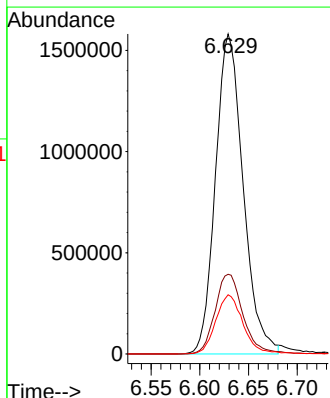
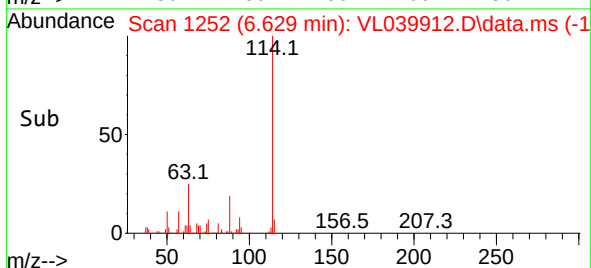
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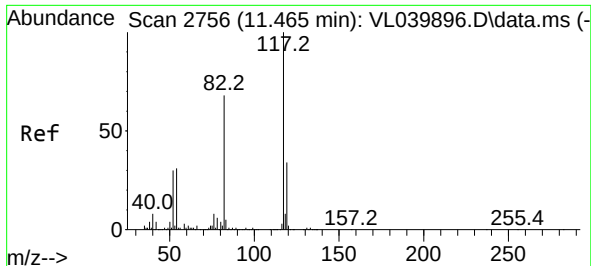


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.629 min Scan# 1252
Delta R.T. 0.010 min
Lab File: VL039912.D
Acq: 21 Nov 2022 16:25



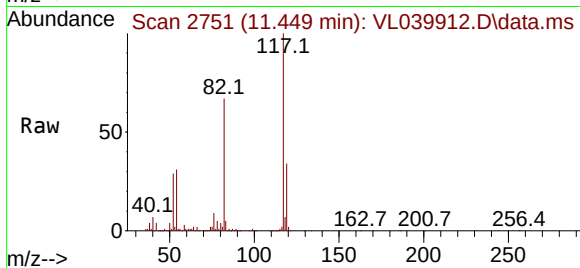
Tgt Ion:114 Resp: 3122356
Ion Ratio Lower Upper
114 100
63 25.3 21.4 32.0
88 18.5 15.3 22.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039912.D
Acq: 21 Nov 2022 16:25

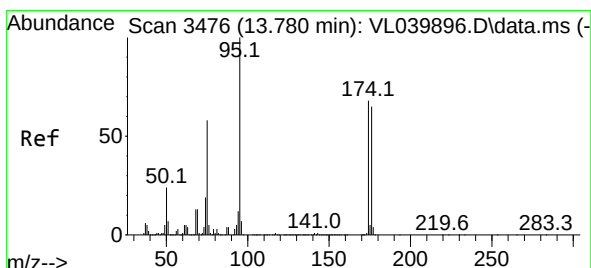
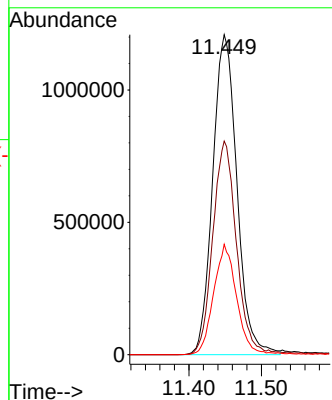
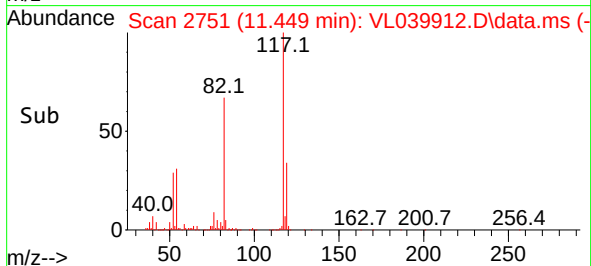
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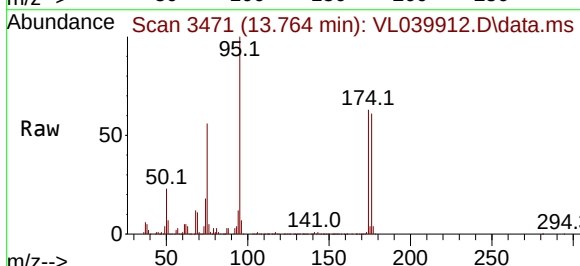
Tgt Ion: 117 Resp: 2801590
Ion Ratio Lower Upper
117 100
82 65.8 52.3 78.5
119 33.0 25.7 38.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.422 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. 0.010 min
Lab File: VL039912.D
Acq: 21 Nov 2022 16:25



Tgt Ion: 95 Resp: 2230172
Ion Ratio Lower Upper
95 100
174 61.4 53.7 80.5
175 4.4 4.0 6.0

