

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
 Data File : VL039490.D
 Acq On : 19 Jul 2022 20:30
 Operator : SY/AP
 Sample : N3750-03DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3DL

Quant Time: Jul 20 05:41:36 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

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

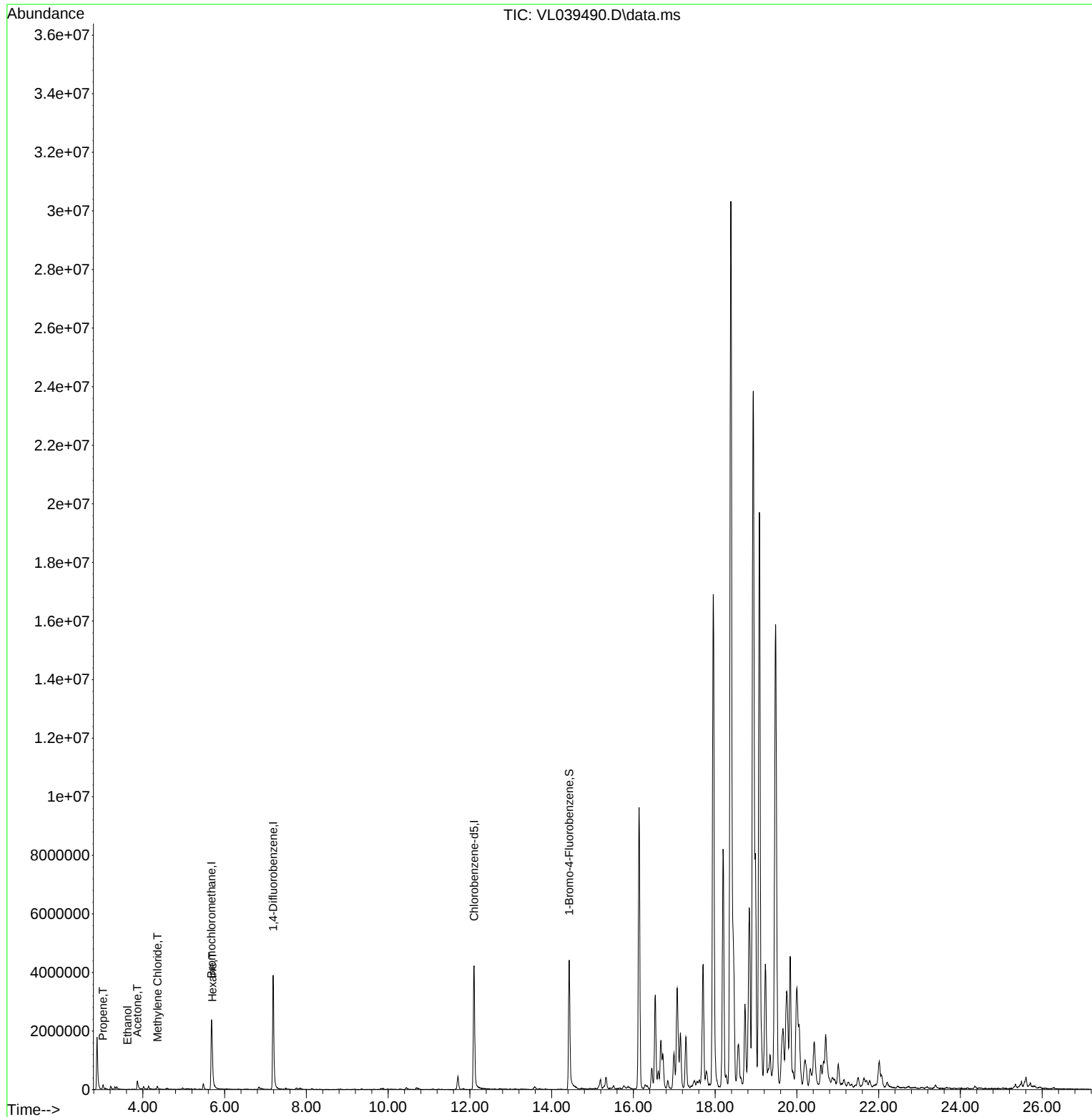
Internal Standards						
1) Bromochloromethane	5.677	49	1222217	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.188	114	3442493	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.101	117	3067019	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.429	95	2291799	10.073	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.700%	
Target Compounds						
						Qvalue
9) Propene	3.021	41	64899	0.927	ppbv	91
13) Ethanol	3.626	45	3519	0.866	ppbv	68
15) Acetone	3.864	43	373375	2.582	ppbv #	89
20) Methylene Chloride	4.359	84	34545	0.599	ppbv	95
26) Hexane	5.700	57	284545	2.381	ppbv #	37

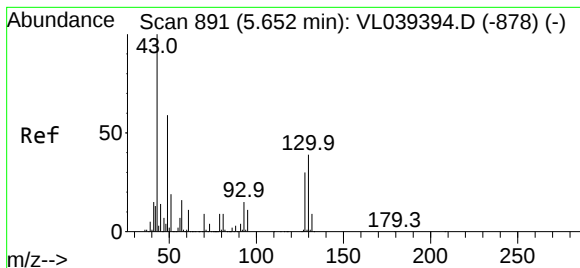
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
Data File : VL039490.D
Acq On : 19 Jul 2022 20:30
Operator : SY/AP
Sample : N3750-03DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

Quant Time: Jul 20 05:41:36 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

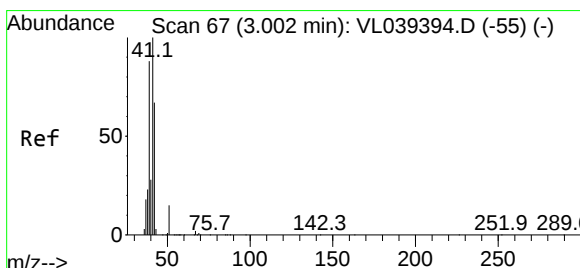
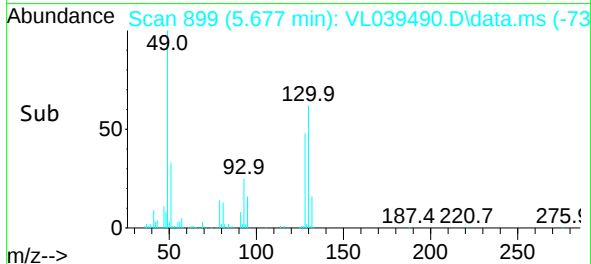
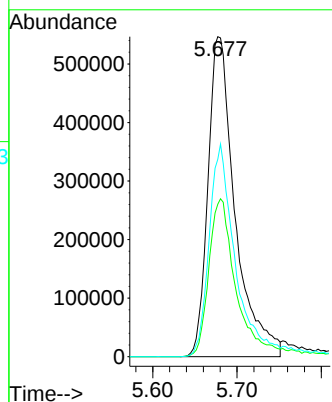
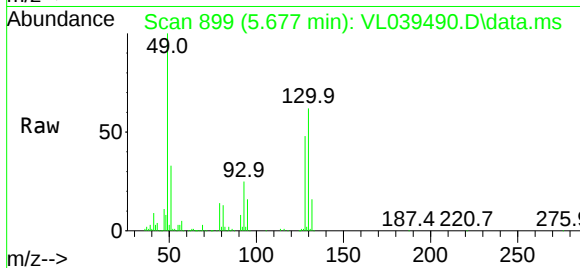




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 891
Delta R.T. 0.026 min
Lab File: VL039490.D
Acq: 19 Jul 2022 20:30

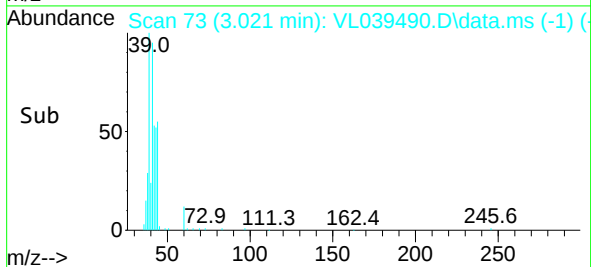
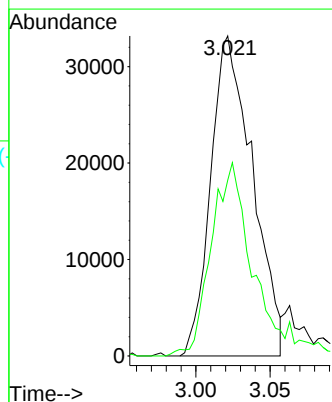
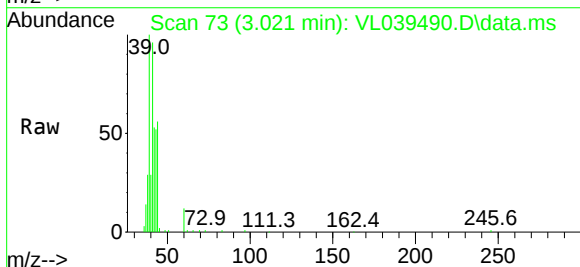
Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

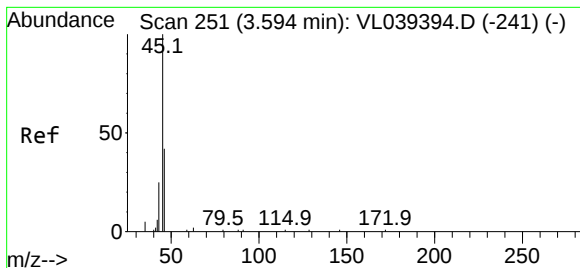
Tgt Ion: 49 Resp: 1222217
Ion Ratio Lower Upper
49 100
128 51.6 26.7 80.0
130 68.0 34.3 102.8



#9
Propene
Concen: 0.927 ppbv
RT: 3.021 min Scan# 73
Delta R.T. 0.019 min
Lab File: VL039490.D
Acq: 19 Jul 2022 20:30

Tgt Ion: 41 Resp: 64899
Ion Ratio Lower Upper
41 100
42 61.5 55.2 82.8





#13

Ethanol

Concen: 0.866 ppbv

RT: 3.626 min Scan# 2

Delta R.T. 0.032 min

Lab File: VL039490.D

Acq: 19 Jul 2022 20:30

Instrument :

MSVOA_L

ClientSampleId :

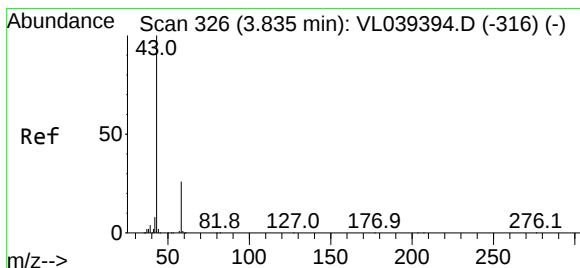
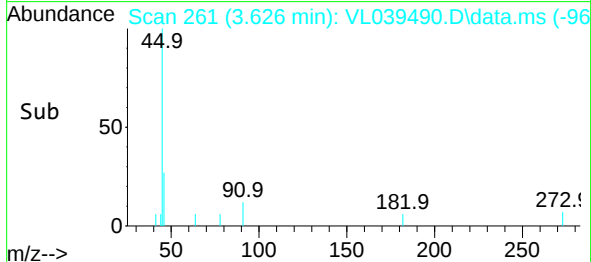
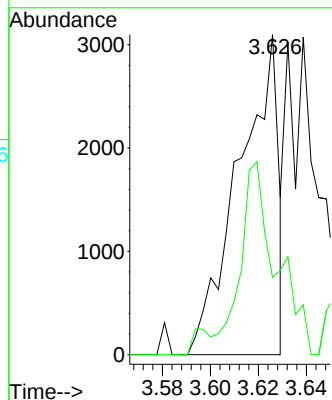
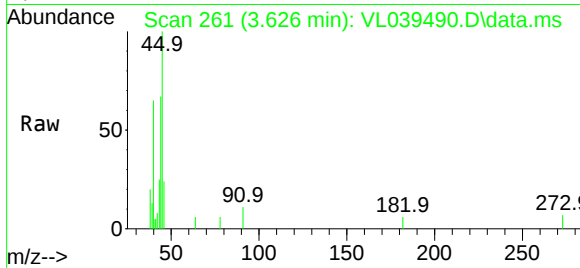
SV-3DL

Tgt Ion: 45 Resp: 3519

Ion Ratio Lower Upper

45 100

46 80.4 22.8 91.2



#15

Acetone

Concen: 2.582 ppbv

RT: 3.864 min Scan# 335

Delta R.T. 0.029 min

Lab File: VL039490.D

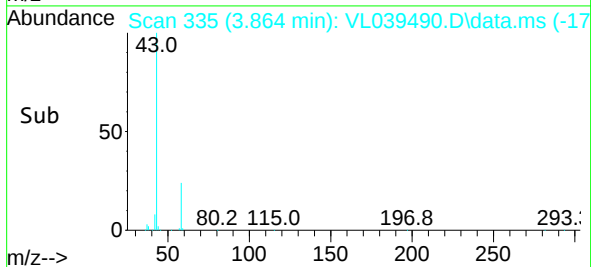
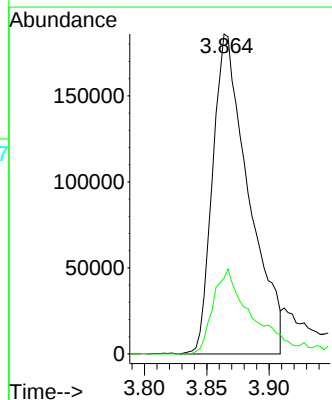
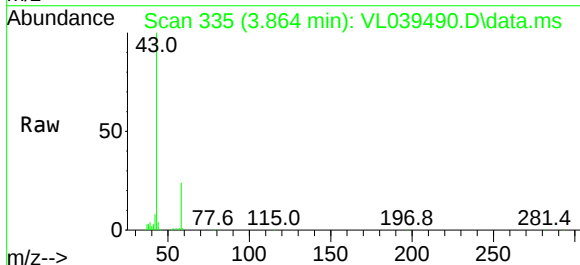
Acq: 19 Jul 2022 20:30

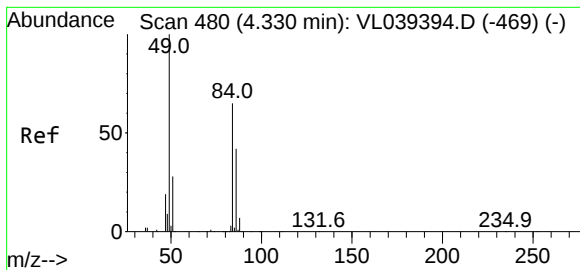
Tgt Ion: 43 Resp: 373375

Ion Ratio Lower Upper

43 100

58 31.9 21.0 31.6#



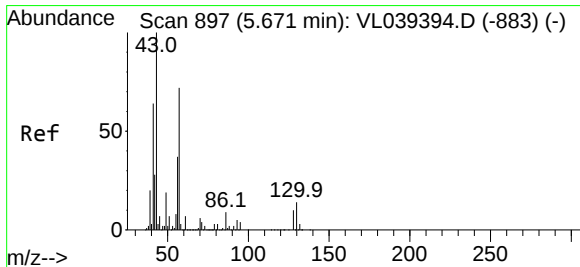
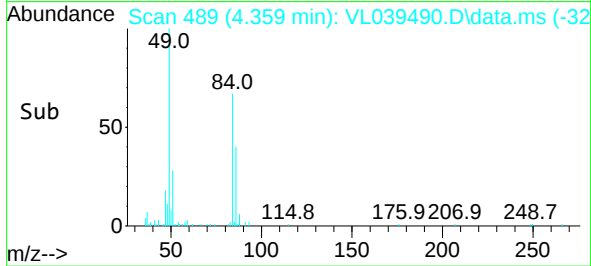
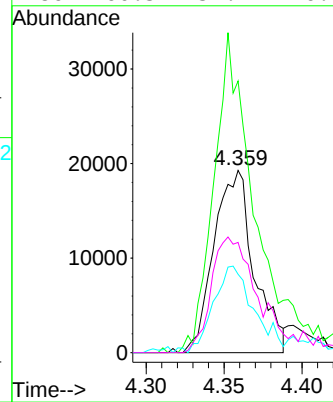
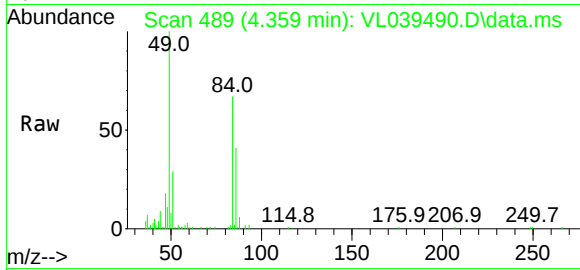


#20
Methylene Chloride
Concen: 0.599 ppbv
RT: 4.359 min Scan# 41
Delta R.T. 0.029 min
Lab File: VL039490.D
Acq: 19 Jul 2022 20:30

Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

Tgt Ion: 84 Resp: 34545

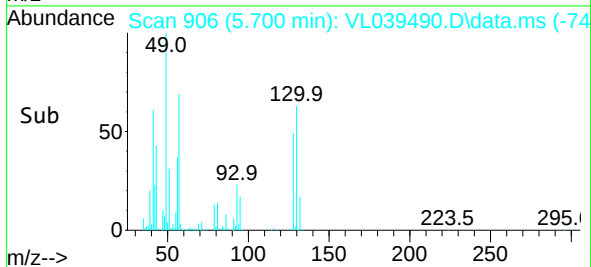
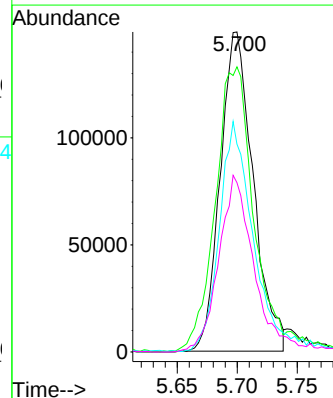
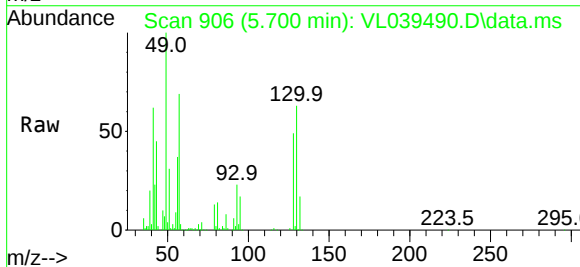
Ion	Ratio	Lower	Upper
84	100		
49	145.8	123.1	184.7
51	40.6	34.4	51.6
86	60.5	51.1	76.7

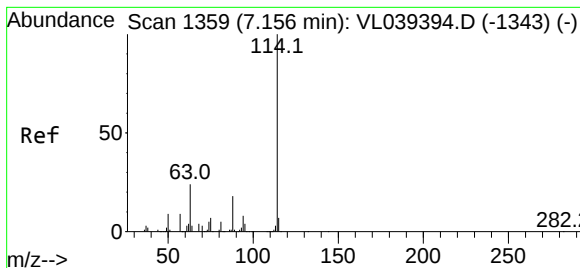


#26
Hexane
Concen: 2.381 ppbv
RT: 5.700 min Scan# 906
Delta R.T. 0.029 min
Lab File: VL039490.D
Acq: 19 Jul 2022 20:30

Tgt Ion: 57 Resp: 284545

Ion	Ratio	Lower	Upper
57	100		
41	109.6	76.9	115.3
43	77.7	191.0	286.6#
56	60.6	43.2	64.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.188 min Scan# 11

Delta R.T. 0.032 min

Lab File: VL039490.D

Acq: 19 Jul 2022 20:30

Instrument :

MSVOA_L

ClientSampleId :

SV-3DL

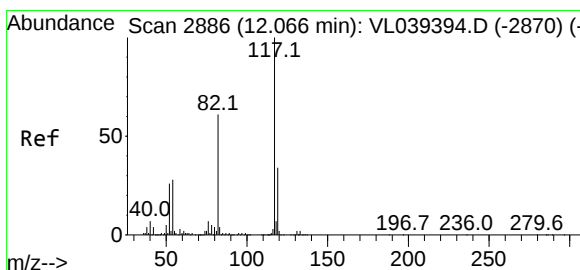
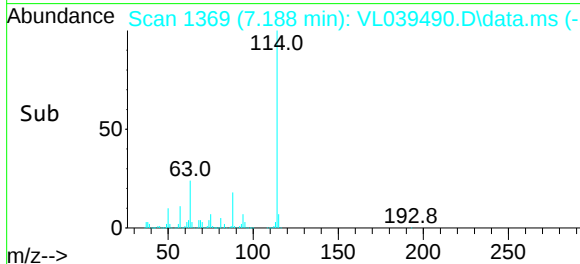
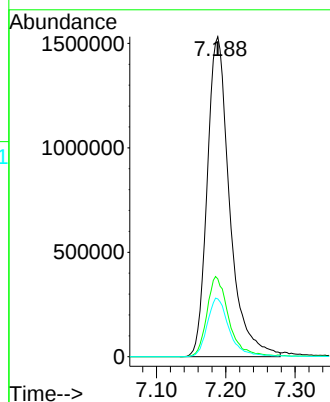
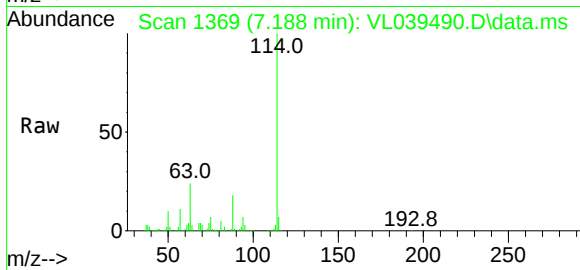
Tgt Ion:114 Resp: 3442493

Ion Ratio Lower Upper

114 100

63 24.6 20.2 30.4

88 18.1 14.5 21.7



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.101 min Scan# 2897

Delta R.T. 0.035 min

Lab File: VL039490.D

Acq: 19 Jul 2022 20:30

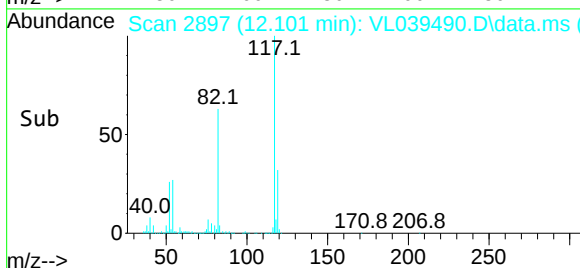
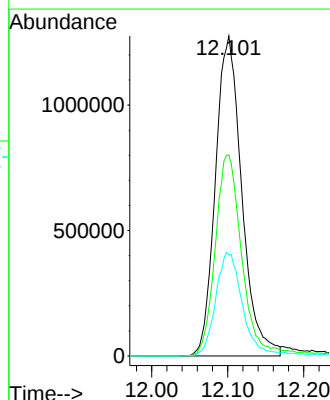
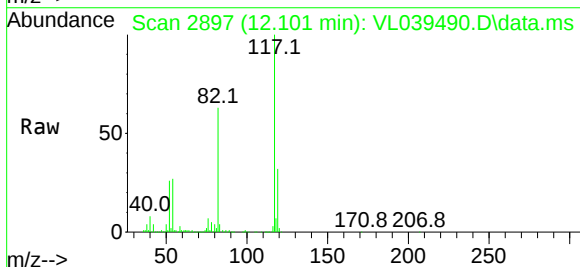
Tgt Ion:117 Resp: 3067019

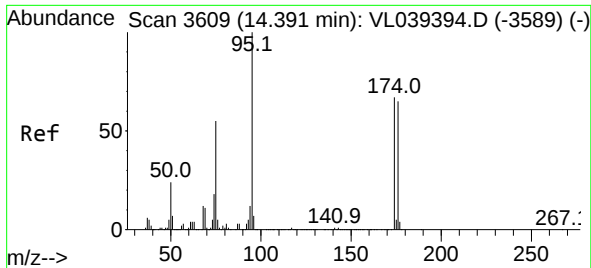
Ion Ratio Lower Upper

117 100

82 65.2 50.8 76.2

119 33.9 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.073 ppbv
 RT: 14.429 min Scan# 30
 Delta R.T. 0.038 min
 Lab File: VL039490.D
 Acq: 19 Jul 2022 20:30

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3DL

Tgt Ion: 95 Resp: 2291799

Ion	Ratio	Lower	Upper
95	100		
174	75.0	55.9	83.9
175	5.5	4.2	6.4

