

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
 Data File : VL039585.D
 Acq On : 25 Aug 2022 19:43
 Operator : SY/AP
 Sample : N3980-15 0.0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022

Quant Time: Aug 26 07:38:34 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

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

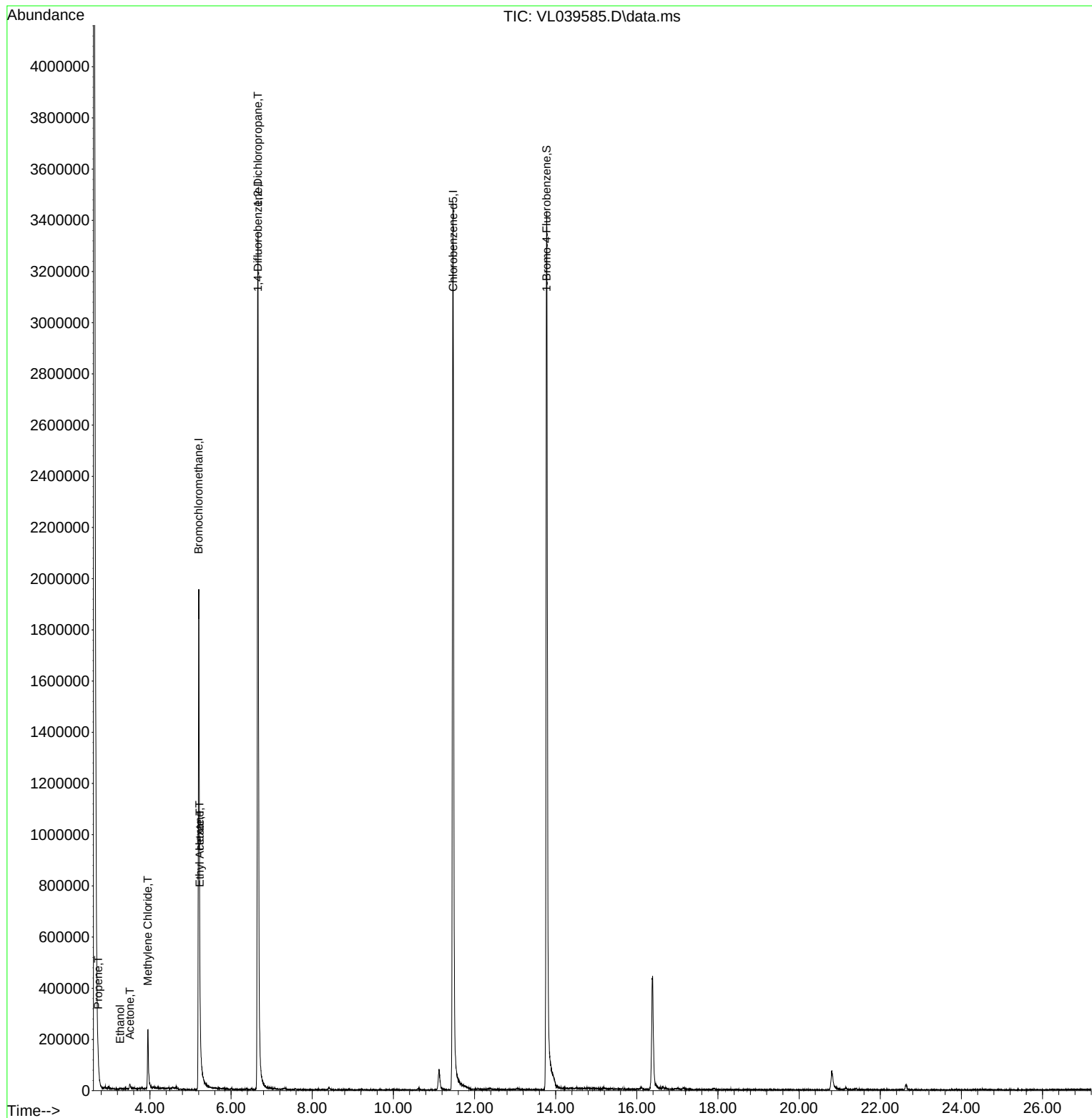
Internal Standards						
1) Bromochloromethane	5.201	49	1013374	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2643827	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2369039	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1735171	9.709	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.100%
Target Compounds						
					Qvalue	
9) Propene	2.726	41	7340	0.133	ppbv	99
13) Ethanol	3.262	45	1888	0.476	ppbv #	23
15) Acetone	3.504	43	18036	0.159	ppbv #	71
20) Methylene Chloride	3.947	84	75087	1.628	ppbv	89
25) Ethyl Acetate	5.227	43	25428	0.105	ppbv #	81
26) Hexane	5.224	57	35399	0.357	ppbv #	40
39) 1,2-Dichloropropane	6.658	63	643450	8.492	ppbv #	25

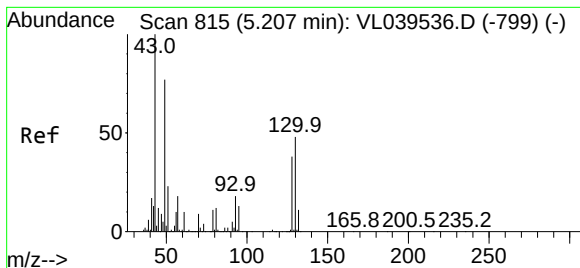
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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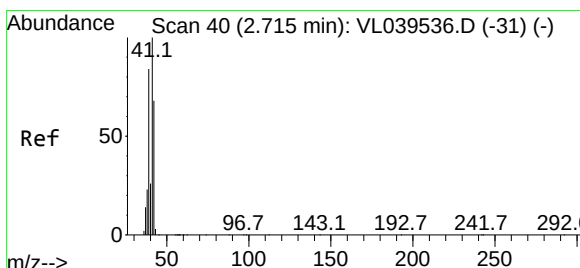
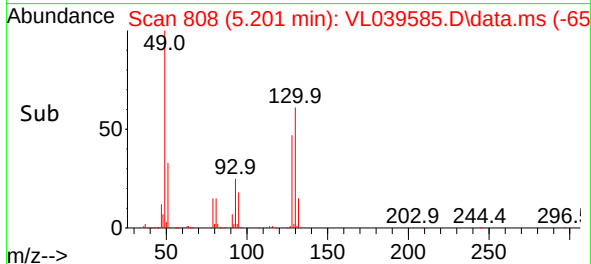
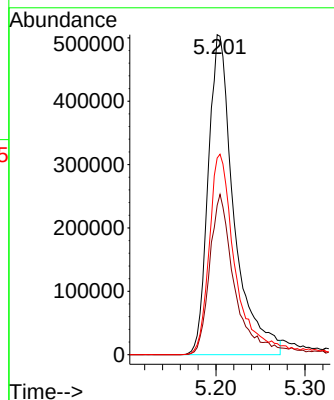
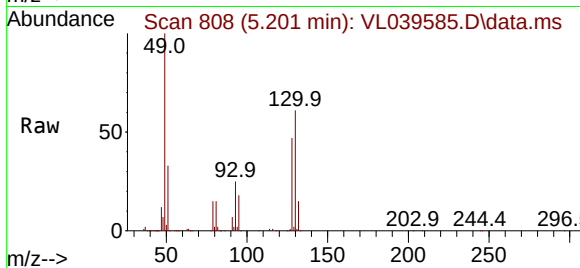




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039585.D
Acq: 25 Aug 2022 19:43

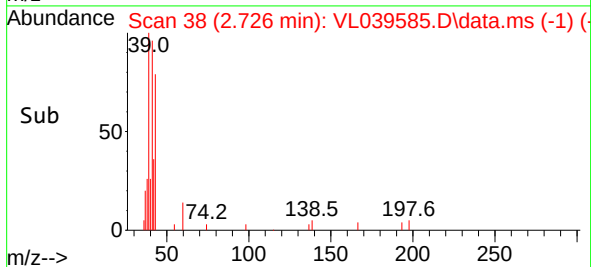
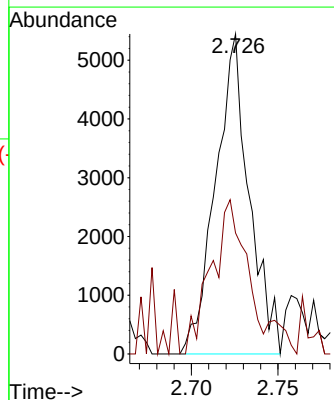
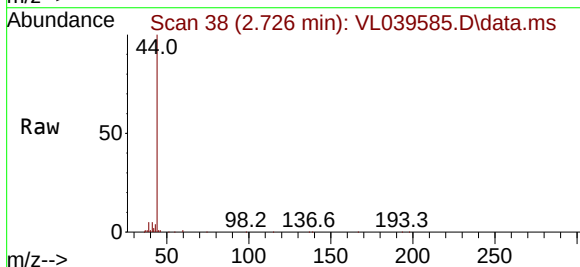
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

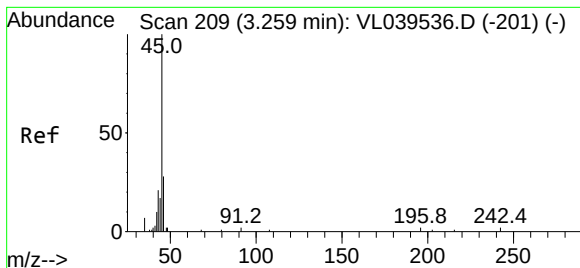
Tgt Ion: 49 Resp: 1013374
Ion Ratio Lower Upper
49 100
128 50.5 26.7 80.0
130 66.4 34.3 102.8



#9
Propene
Concen: 0.133 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.010 min
Lab File: VL039585.D
Acq: 25 Aug 2022 19:43

Tgt Ion: 41 Resp: 7340
Ion Ratio Lower Upper
41 100
42 68.6 55.2 82.8





#13

Ethanol

Concen: 0.476 ppbv

RT: 3.262 min Scan# 209

Delta R.T. 0.004 min

Lab File: VL039585.D

Acq: 25 Aug 2022 19:43

Instrument :

MSVOA_L

ClientSampleId :

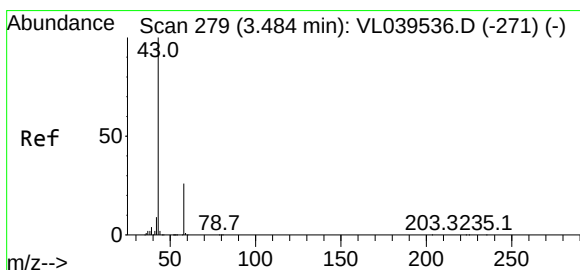
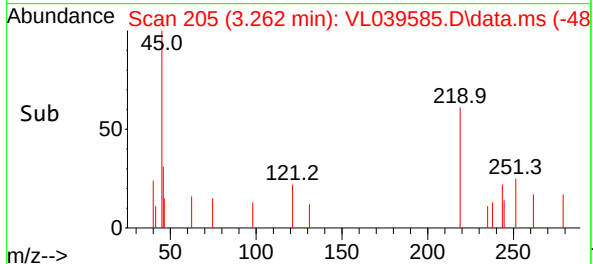
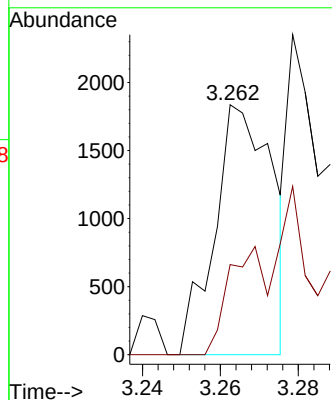
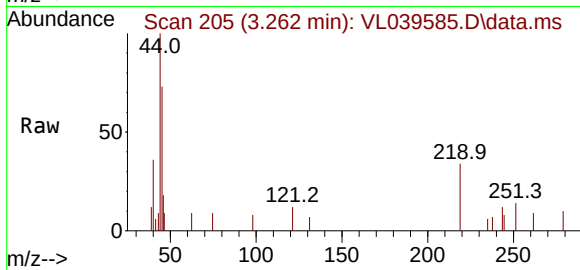
MDL-AIR-03-QT3-2022

Tgt Ion: 45 Resp: 1888

Ion Ratio Lower Upper

45 100

46 0.0 22.8 91.2#



#15

Acetone

Concen: 0.159 ppbv

RT: 3.504 min Scan# 280

Delta R.T. 0.020 min

Lab File: VL039585.D

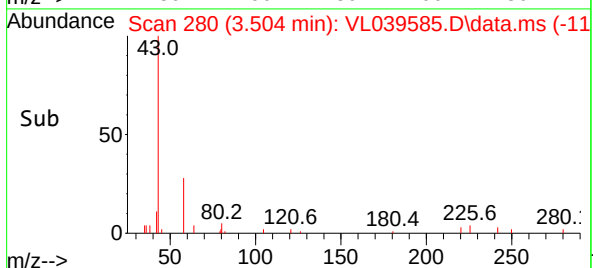
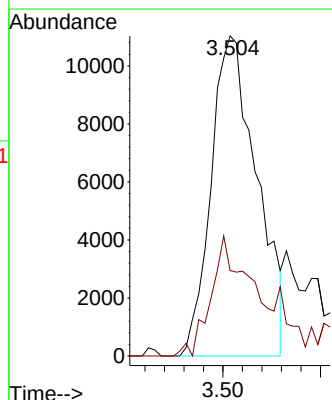
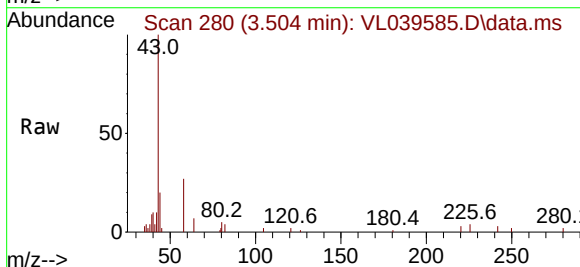
Acq: 25 Aug 2022 19:43

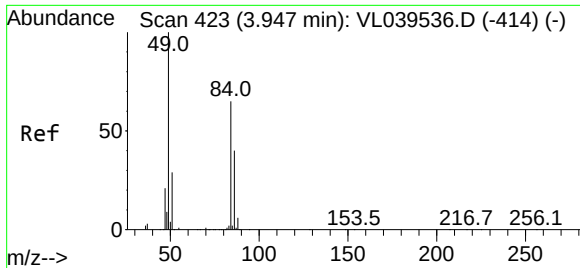
Tgt Ion: 43 Resp: 18036

Ion Ratio Lower Upper

43 100

58 41.1 21.0 31.6#

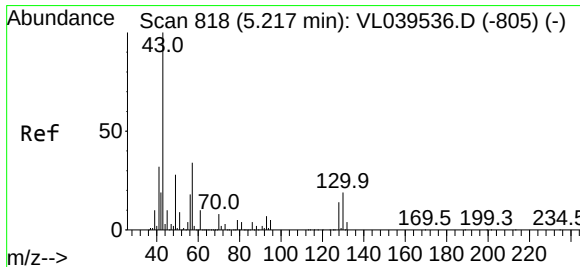
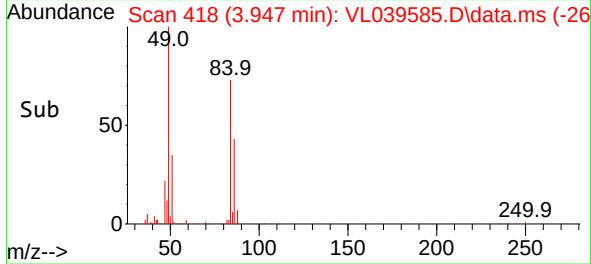
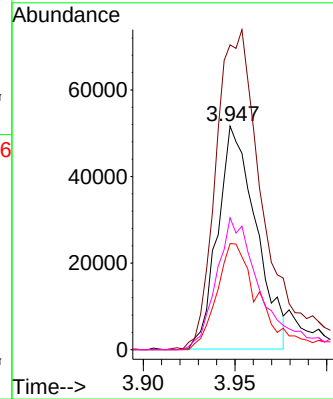
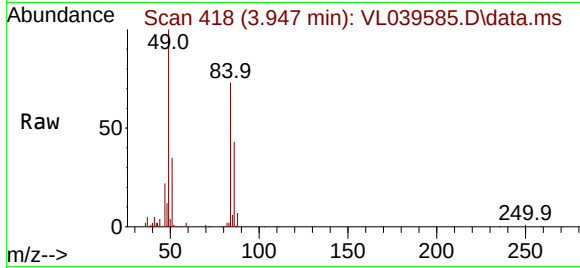




#20
Methylene Chloride
Concen: 1.628 ppbv
RT: 3.947 min Scan# 418
Delta R.T. 0.001 min
Lab File: VL039585.D
Acq: 25 Aug 2022 19:43

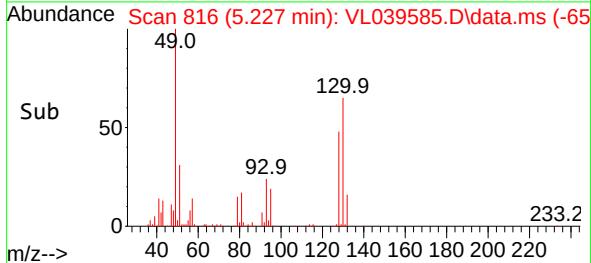
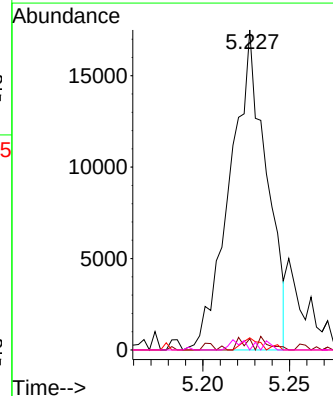
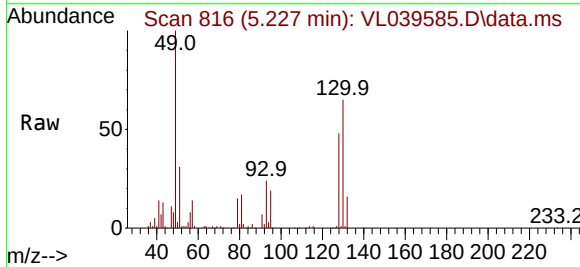
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

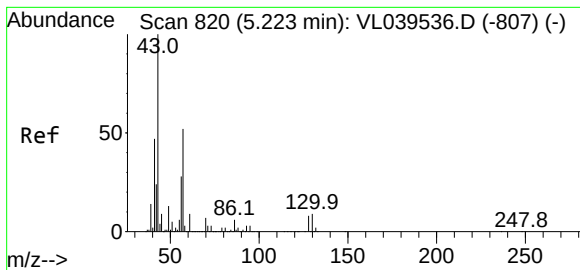
Tgt Ion:	84	Resp:	75087
Ion	Ratio	Lower	Upper
84	100		
49	136.5	123.1	184.7
51	47.6	34.4	51.6
86	59.2	51.1	76.7



#25
Ethyl Acetate
Concen: 0.105 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.010 min
Lab File: VL039585.D
Acq: 25 Aug 2022 19:43

Tgt Ion:	43	Resp:	25428
Ion	Ratio	Lower	Upper
43	100		
45	3.5	8.2	12.4#
61	2.1	8.3	12.5#
70	2.1	5.9	8.9#

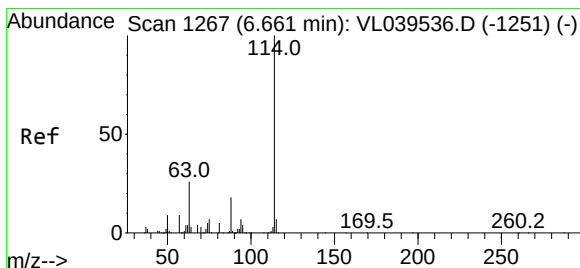
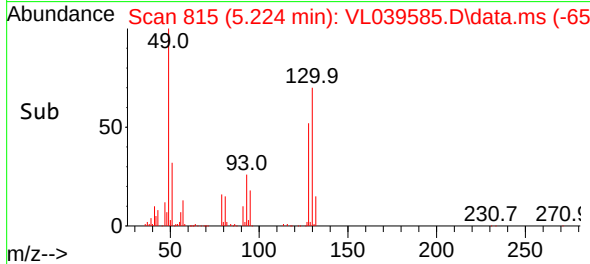
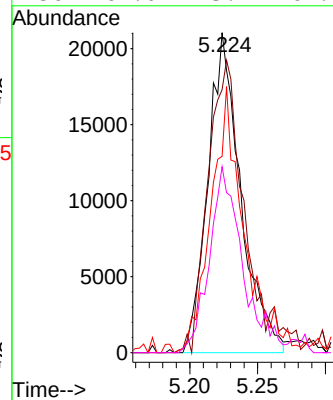
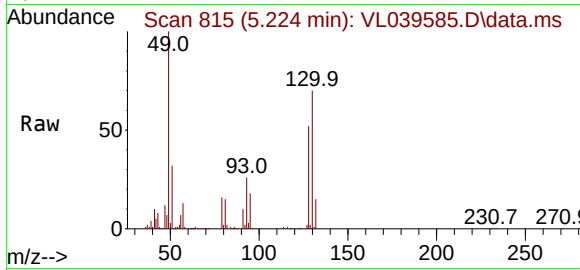




#26
Hexane
Concen: 0.357 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.001 min
Lab File: VL039585.D
Acq: 25 Aug 2022 19:43

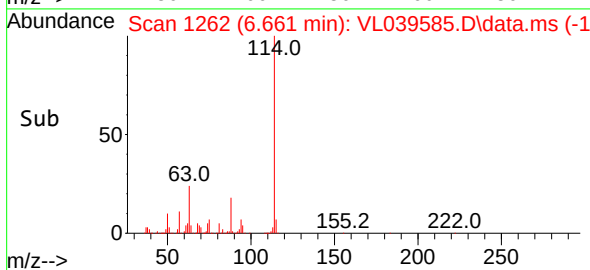
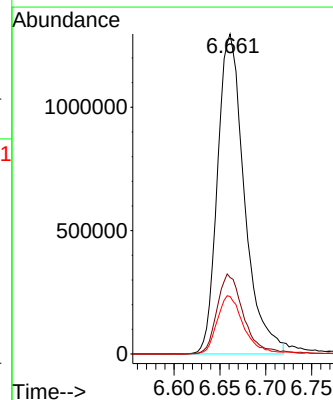
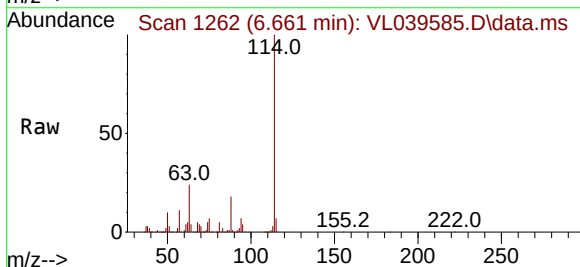
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

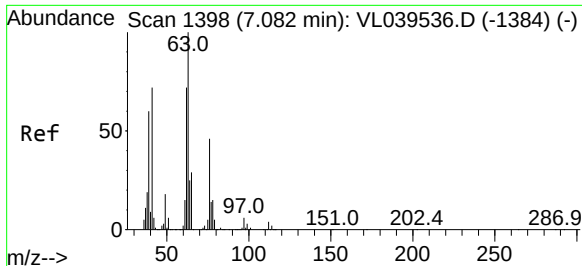
Tgt Ion: 57	Resp: 35399
Ion Ratio	Lower Upper
57 100	
41 107.2	76.9 115.3
43 85.4	191.0 286.6#
56 61.0	43.2 64.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. 0.001 min
Lab File: VL039585.D
Acq: 25 Aug 2022 19:43

Tgt Ion:114	Resp: 2643827		
Ion	Ratio	Lower	Upper
114	100		
63	25.1	20.2	30.4
88	18.3	14.5	21.7





#39

1,2-Dichloropropane

Concen: 8.492 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL039585.D

Acq: 25 Aug 2022 19:43

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

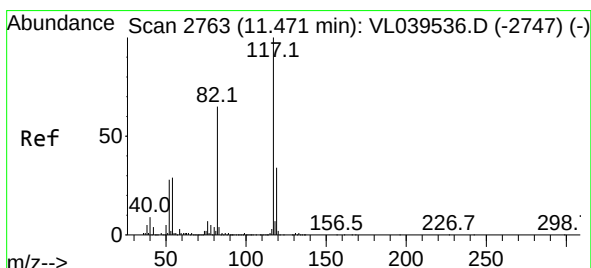
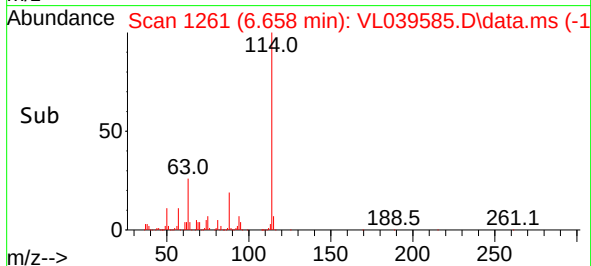
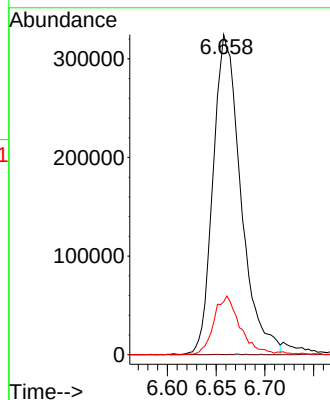
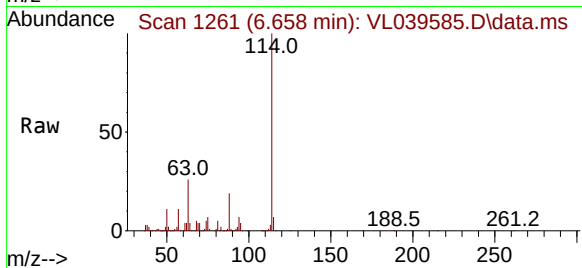
Tgt Ion: 63 Resp: 643450

Ion Ratio Lower Upper

63 100

41 0.1 59.6 89.4#

62 16.6 51.4 77.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 2758

Delta R.T. 0.001 min

Lab File: VL039585.D

Acq: 25 Aug 2022 19:43

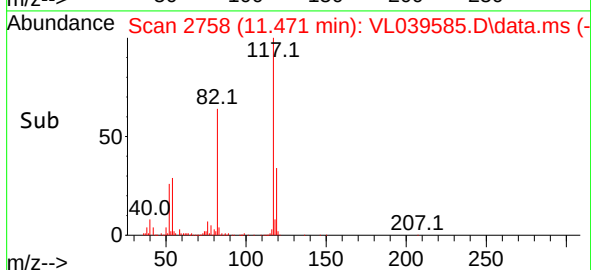
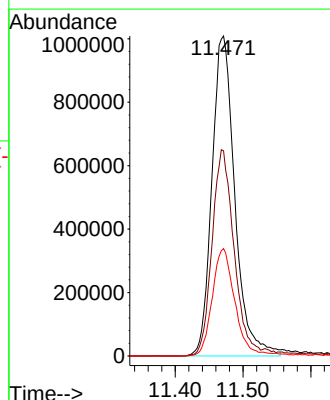
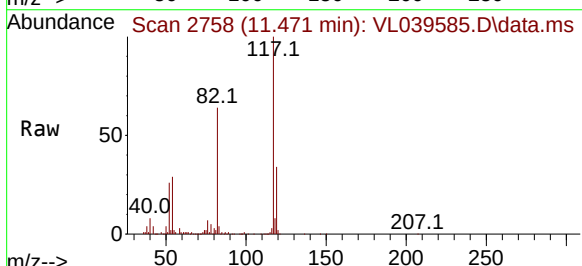
Tgt Ion: 117 Resp: 2369039

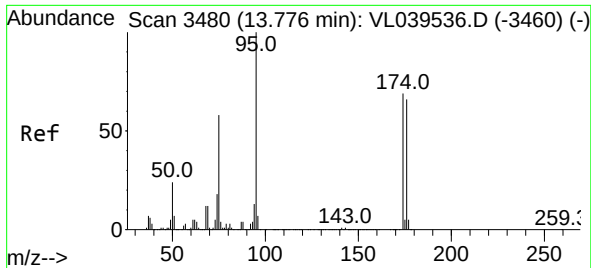
Ion Ratio Lower Upper

117 100

82 64.4 50.8 76.2

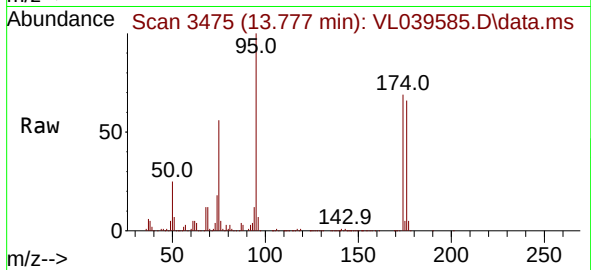
119 33.8 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.709 ppbv
 RT: 13.777 min Scan# 34
 Delta R.T. 0.001 min
 Lab File: VL039585.D
 Acq: 25 Aug 2022 19:43

Instrument :
 MSVOA_L
 ClientSampleId :
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Tgt Ion: 95 Resp: 1735171

Ion	Ratio	Lower	Upper
95	100		
174	72.3	55.9	83.9
175	5.5	4.2	6.4

