

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039859.D
 Acq On : 9 Nov 2022 22:08
 Operator : SY/AP
 Sample : N5555-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-9EDL

Quant Time: Nov 10 03:52:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

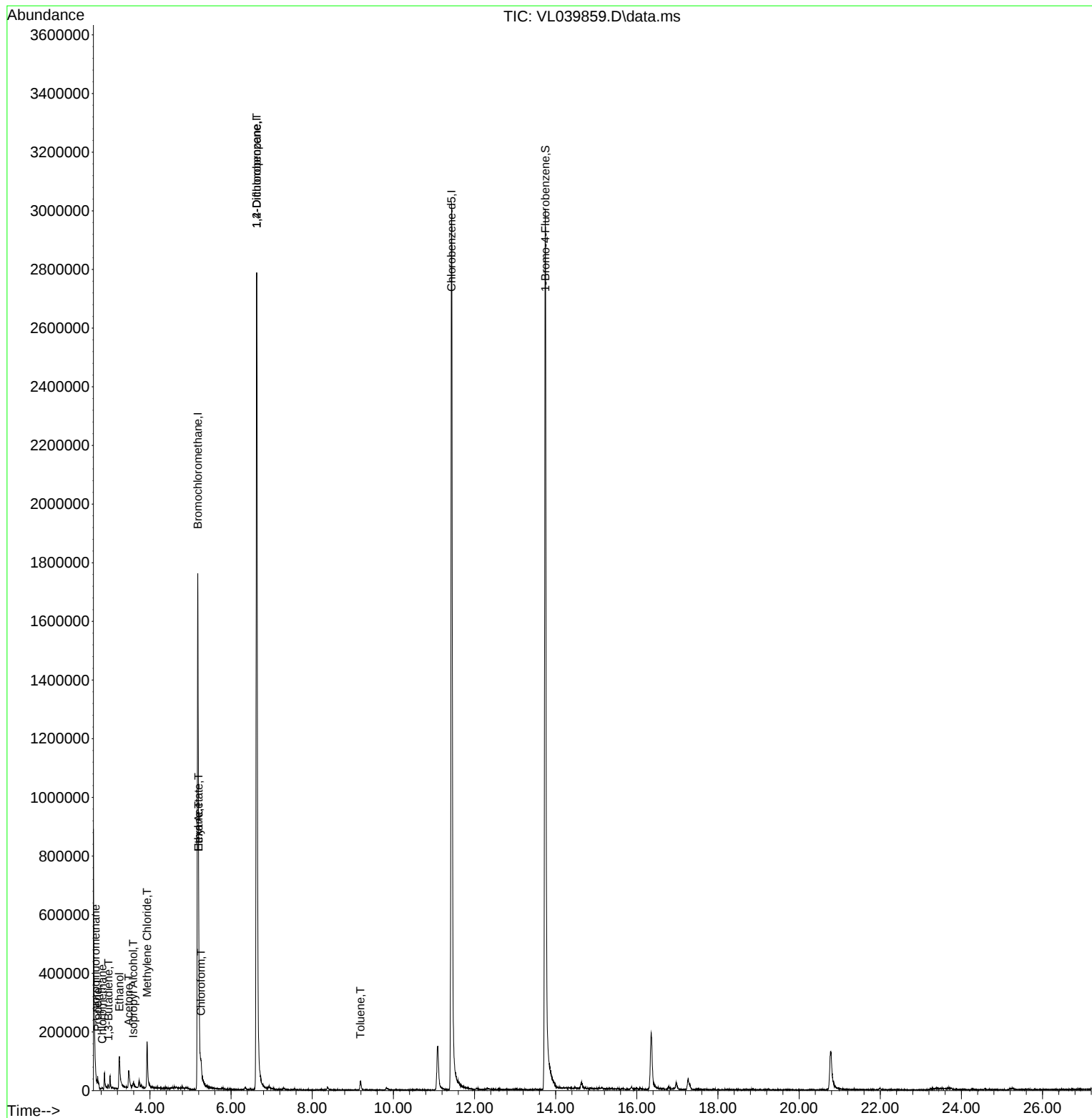
Internal Standards						
1) Bromochloromethane	5.179	49	943207	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2229172	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.433	117	1979448	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	1611491	10.877	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	= 108.800%	
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.658	51	11987	0.107	ppbv #	73
4) Chloromethane	2.822	50	2251	0.032	ppbv #	37
9) Propene	2.713	41	8297	0.142	ppbv #	78
13) Ethanol	3.246	45	122469	29.577	ppbv	99
15) Acetone	3.475	43	61179	0.533	ppbv	99
16) 1,3-Butadiene	2.976	39	1824	0.034	ppbv #	5
19) Isopropyl Alcohol	3.591	45	15075	0.265	ppbv #	44
20) Methylene Chloride	3.931	84	59589	1.451	ppbv #	82
25) Ethyl Acetate	5.201	43	57494	0.243	ppbv #	78
26) Hexane	5.201	57	77642	0.736	ppbv #	40
29) Chloroform	5.259	83	23587	0.159	ppbv	98
39) 1,2-Dichloropropane	6.632	63	599237	8.179	ppbv #	28
53) Toluene	9.185	91	8406	0.039	ppbv #	1

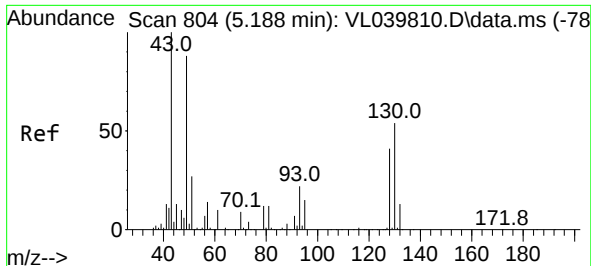
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 10 03:52:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

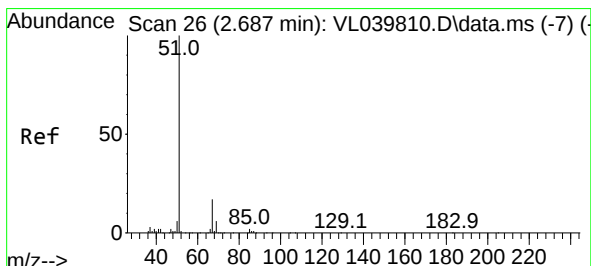
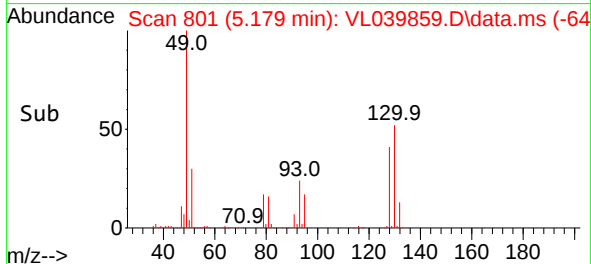
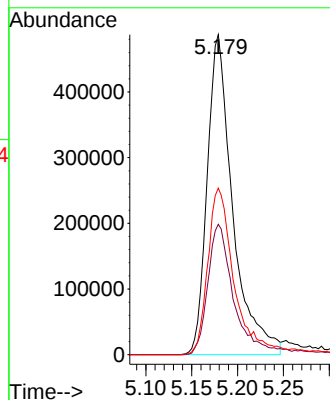
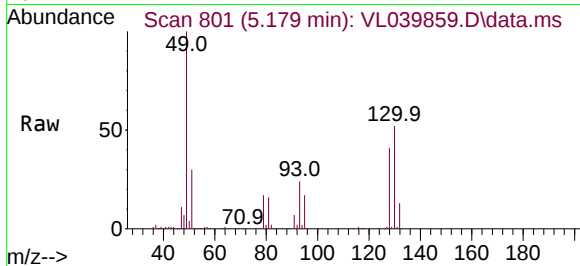




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.009 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

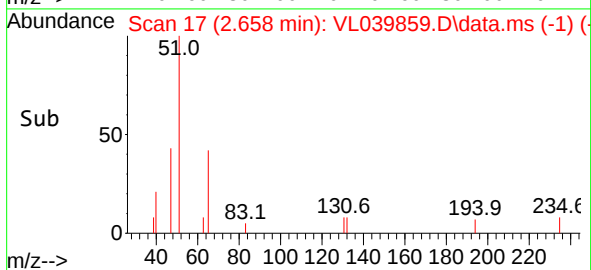
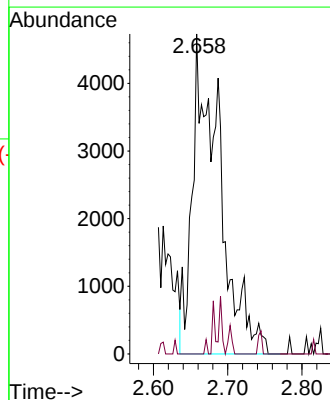
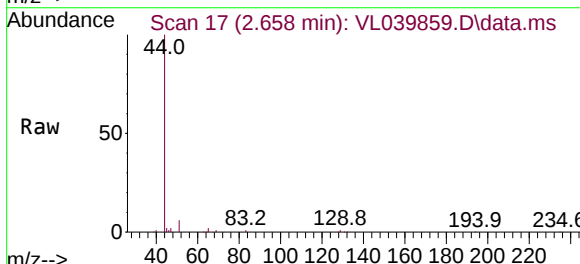
Instrument :
MSVOA_L
ClientSampleId :
IA-9EDL

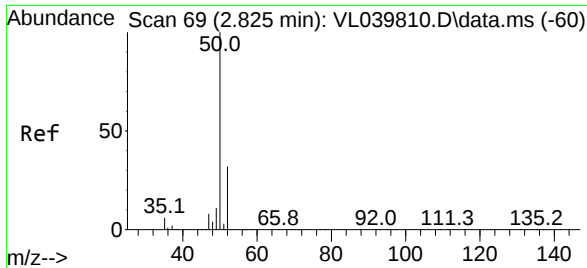
Tgt Ion: 49 Resp: 943207
Ion Ratio Lower Upper
49 100
128 43.8 24.6 73.6
130 56.8 31.1 93.2



#3
Chlorodifluoromethane
Concen: 0.107 ppbv
RT: 2.658 min Scan# 17
Delta R.T. -0.029 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

Tgt Ion: 51 Resp: 11987
Ion Ratio Lower Upper
51 100
67 5.1 13.2 19.8

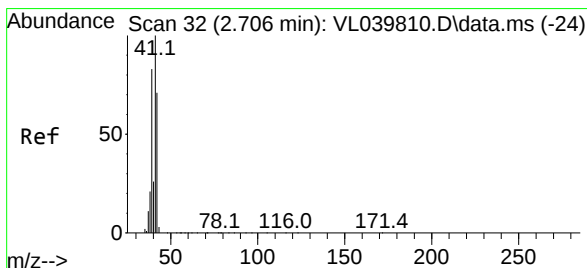
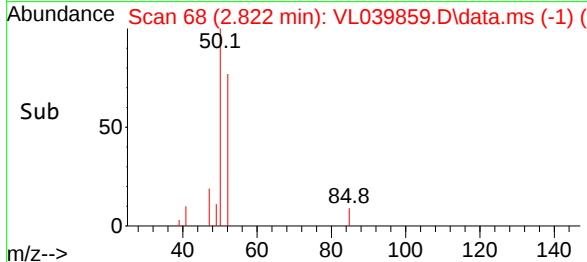
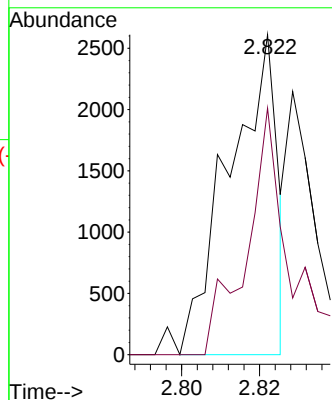
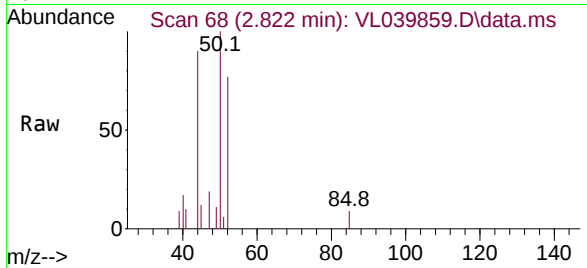




#4
Chloromethane
Concen: 0.032 ppbv
RT: 2.822 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

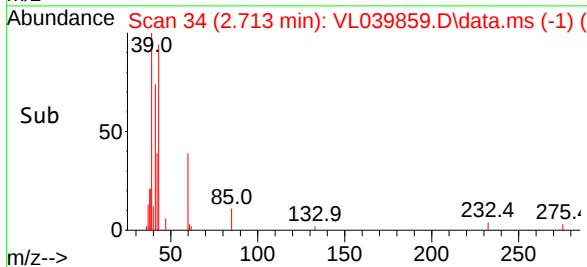
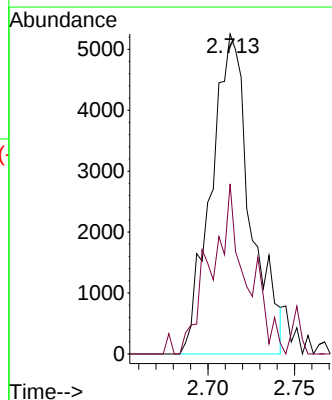
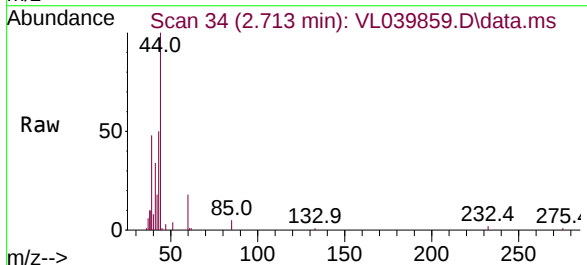
Instrument :
MSVOA_L
ClientSampleId :
IA-9EDL

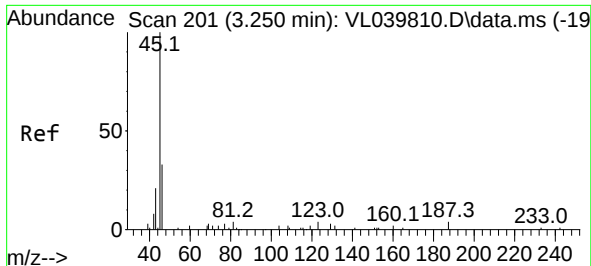
Tgt Ion: 50 Resp: 2251
Ion Ratio Lower Upper
50 100
52 67.2 25.5 38.3#



#9
Propene
Concen: 0.142 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.007 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

Tgt Ion: 41 Resp: 8297
Ion Ratio Lower Upper
41 100
42 52.0 56.3 84.5#

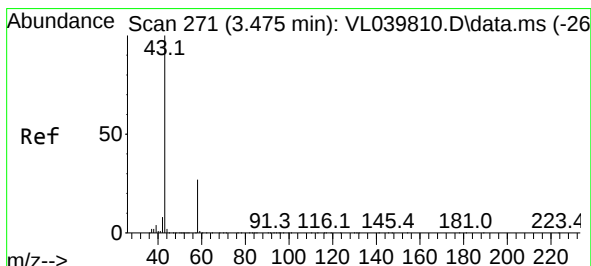
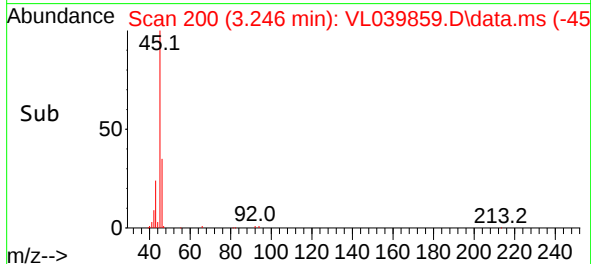
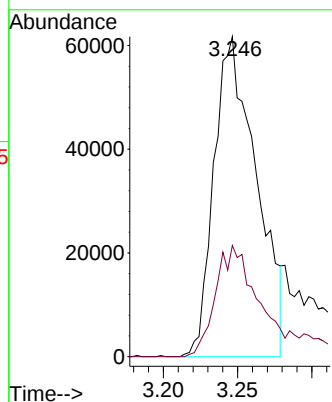
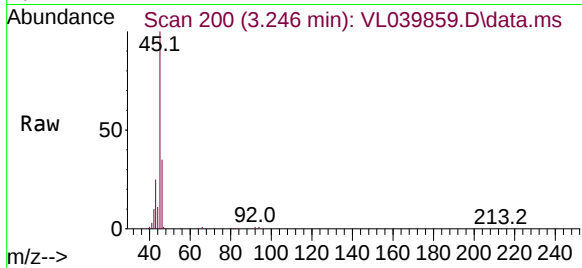




#13
Ethanol
Concen: 29.577 ppbv
RT: 3.246 min Scan# 201
Delta R.T. -0.003 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

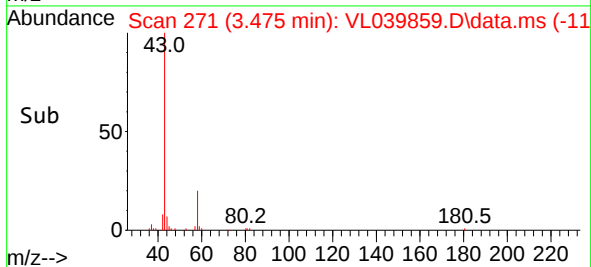
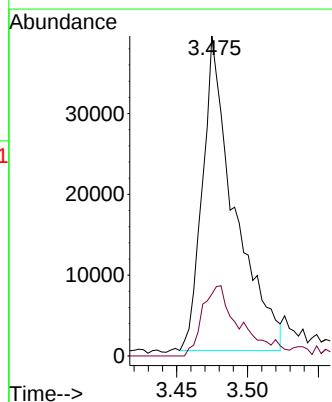
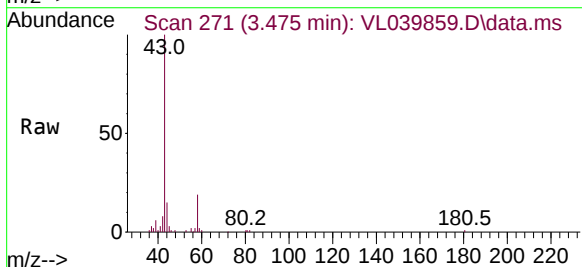
Instrument :
MSVOA_L
ClientSampleId :
IA-9EDL

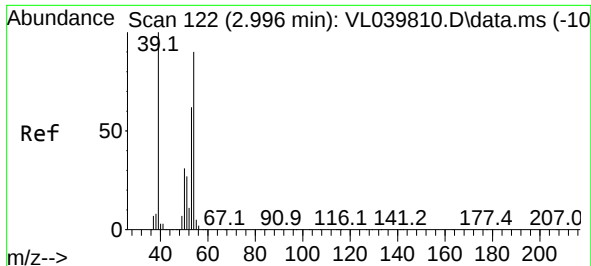
Tgt Ion: 45 Resp: 122469
Ion Ratio Lower Upper
45 100
46 42.0 16.5 65.9



#15
Acetone
Concen: 0.533 ppbv
RT: 3.475 min Scan# 271
Delta R.T. 0.000 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

Tgt Ion: 43 Resp: 61179
Ion Ratio Lower Upper
43 100
58 29.4 23.2 34.8

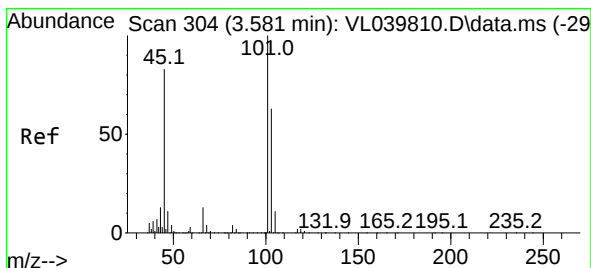
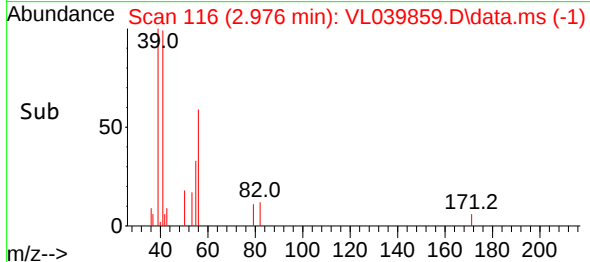
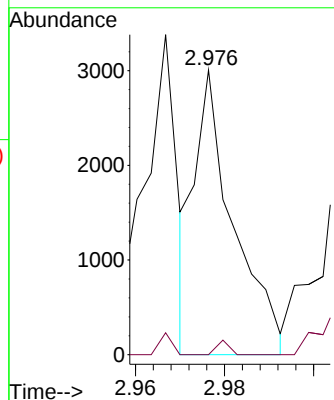
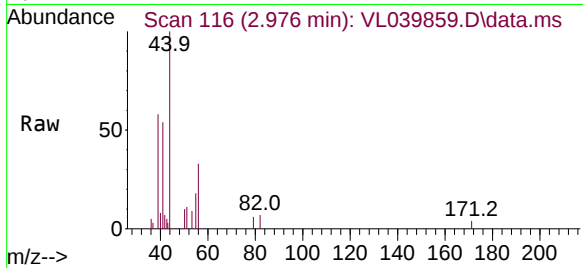




#16
1,3-Butadiene
Concen: 0.034 ppbv
RT: 2.976 min Scan# 116
Delta R.T. -0.019 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

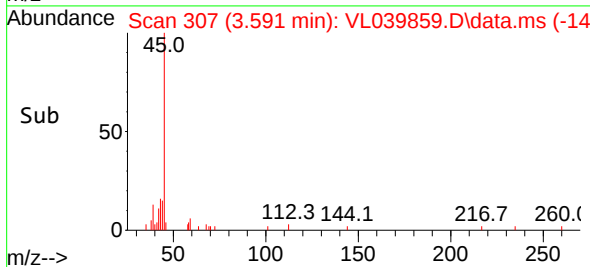
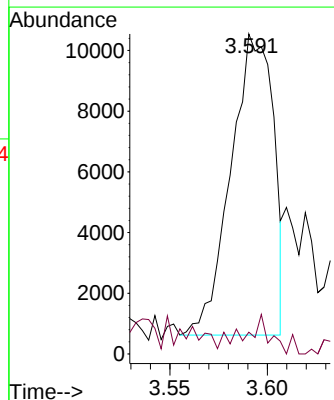
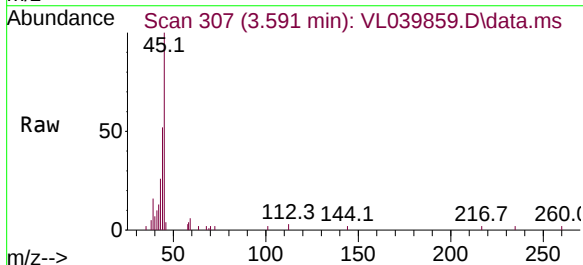
Instrument :
MSVOA_L
ClientSampleId :
IA-9EDL

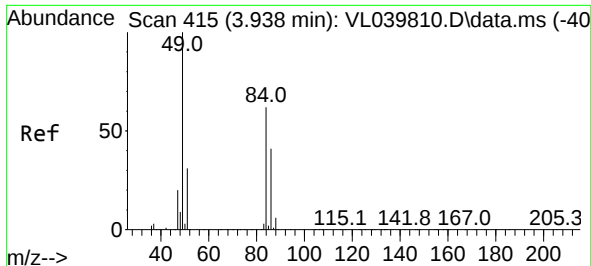
Tgt Ion: 39 Resp: 1824
Ion Ratio Lower Upper
39 100
54 0.0 71.0 106.4#



#19
Isopropyl Alcohol
Concen: 0.265 ppbv
RT: 3.591 min Scan# 307
Delta R.T. 0.010 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

Tgt Ion: 45 Resp: 15075
Ion Ratio Lower Upper
45 100
58 10.1 38.3 57.5#

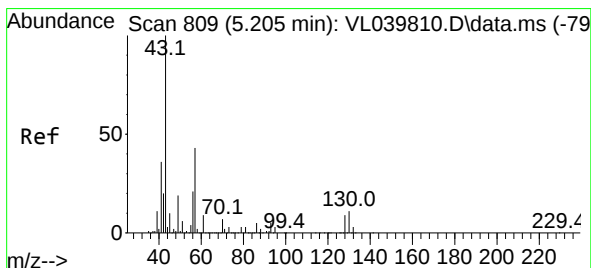
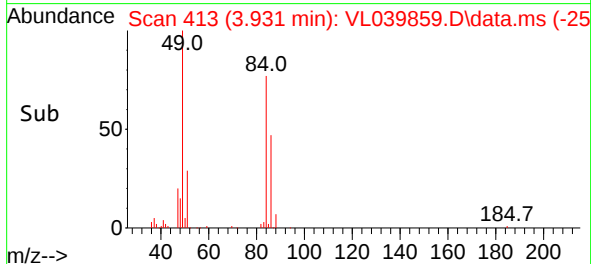
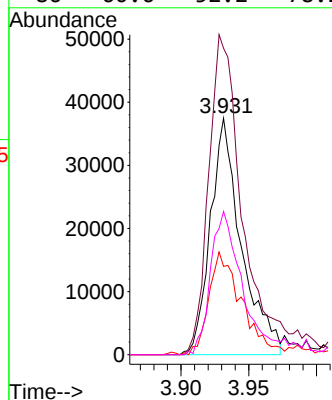
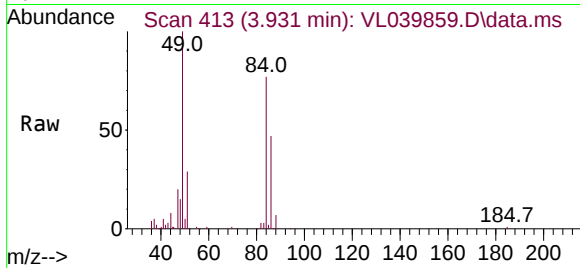




#20
Methylene Chloride
Concen: 1.451 ppbv
RT: 3.931 min Scan# 415
Delta R.T. -0.006 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

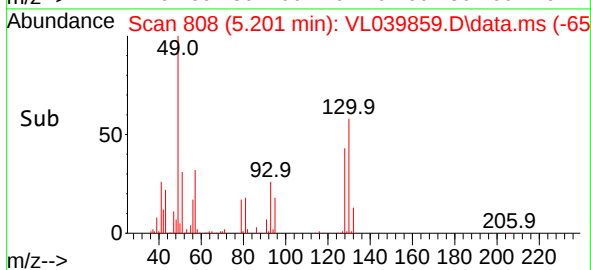
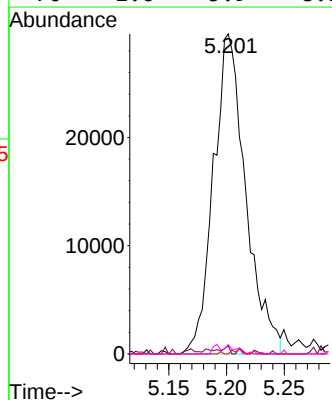
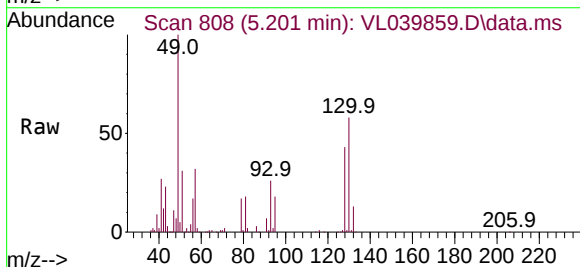
Instrument :
MSVOA_L
ClientSampleId :
IA-9EDL

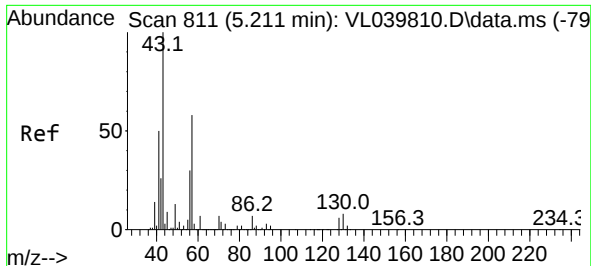
Tgt Ion:	84	Resp:	59589
Ion	Ratio	Lower	Upper
84	100		
49	129.6	128.6	192.8
51	37.3	40.2	60.4#
86	60.6	52.2	78.2



#25
Ethyl Acetate
Concen: 0.243 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.003 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

Tgt Ion:	43	Resp:	57494
Ion	Ratio	Lower	Upper
43	100		
45	2.0	8.2	12.2#
61	0.5	8.1	12.1#
70	1.6	5.9	8.9#

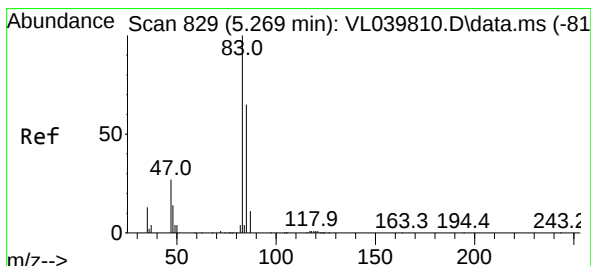
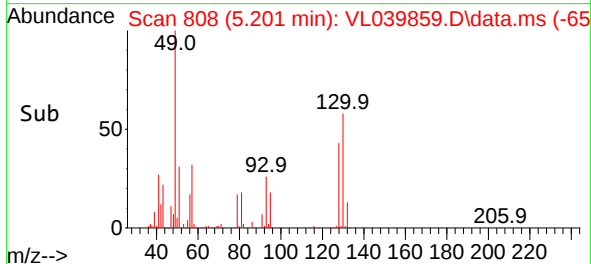
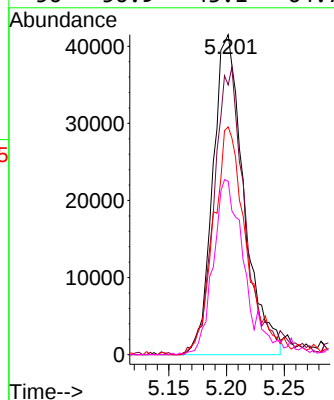
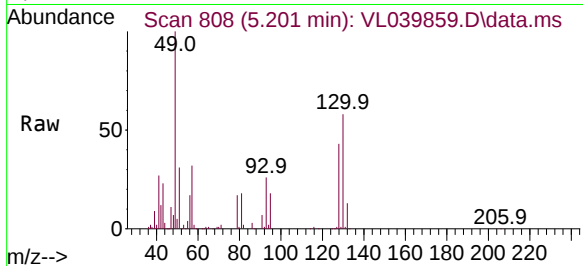




#26
Hexane
Concen: 0.736 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.010 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

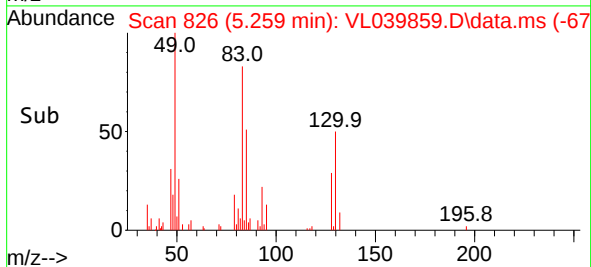
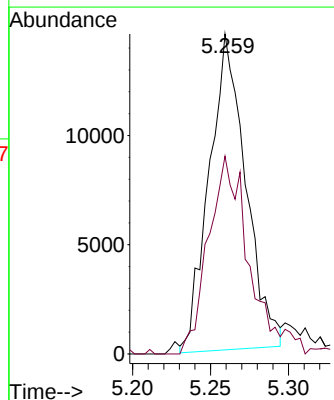
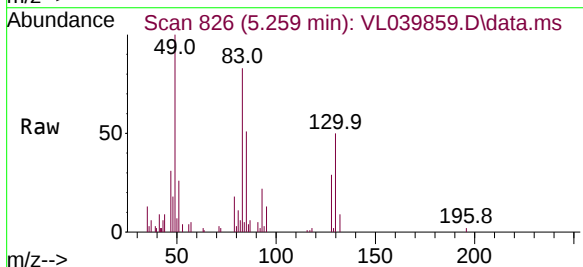
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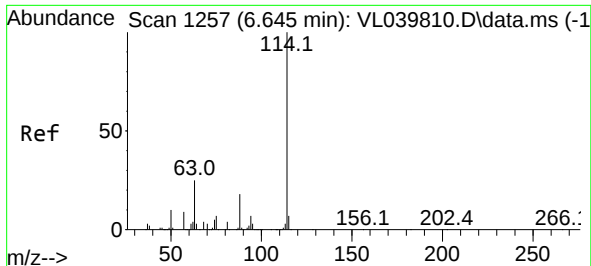
Tgt Ion: 57 Resp: 77642
Ion Ratio Lower Upper
57 100
41 94.2 73.7 110.5
43 77.5 189.8 284.8#
56 56.9 43.1 64.7



#29
Chloroform
Concen: 0.159 ppbv
RT: 5.259 min Scan# 826
Delta R.T. -0.010 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

Tgt Ion: 83 Resp: 23587
Ion Ratio Lower Upper
83 100
85 63.3 51.6 77.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 1253

Delta R.T. -0.013 min

Lab File: VL039859.D

Acq: 9 Nov 2022 22:08

Instrument :

MSVOA_L

ClientSampleId :

IA-9EDL

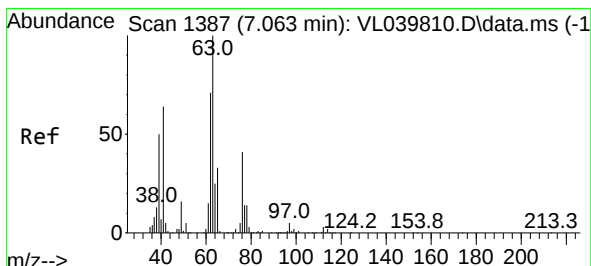
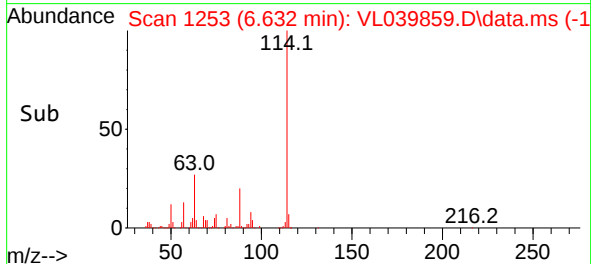
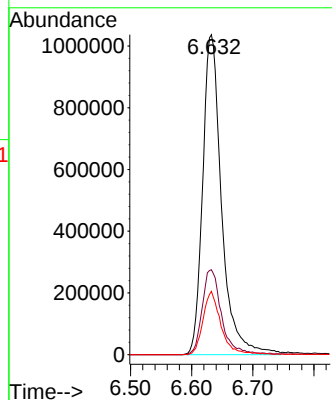
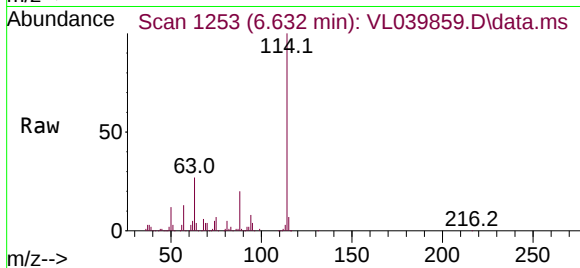
Tgt Ion:114 Resp: 2229172

Ion Ratio Lower Upper

114 100

63 27.5 19.8 29.6

88 19.0 14.4 21.6



#39

1,2-Dichloropropane

Concen: 8.179 ppbv

RT: 6.632 min Scan# 1253

Delta R.T. -0.431 min

Lab File: VL039859.D

Acq: 9 Nov 2022 22:08

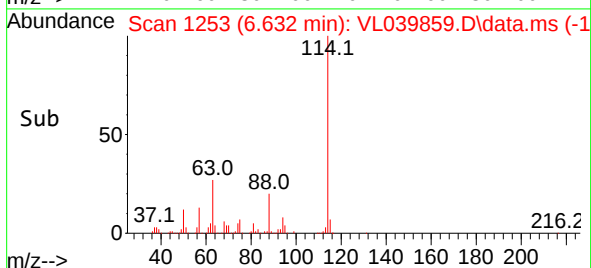
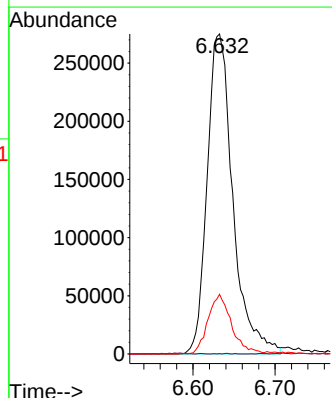
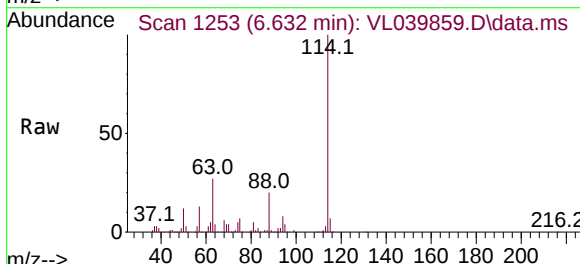
Tgt Ion: 63 Resp: 599237

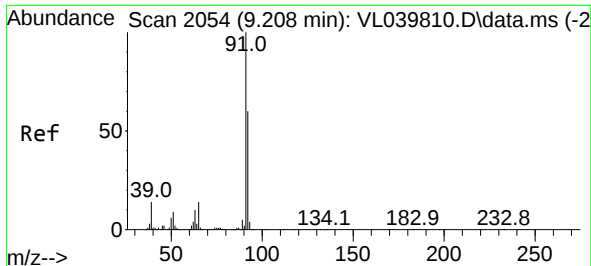
Ion Ratio Lower Upper

63 100

41 0.1 51.0 76.4#

62 18.6 56.6 85.0#

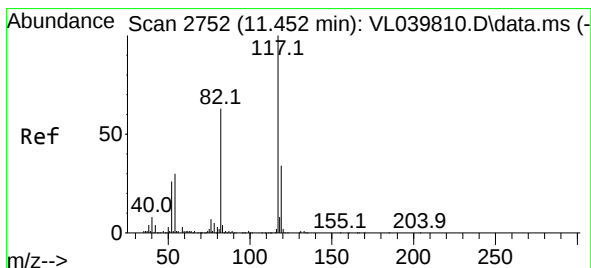
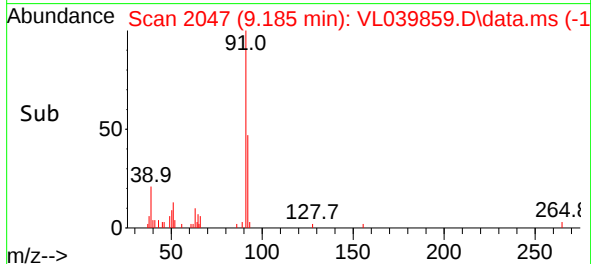
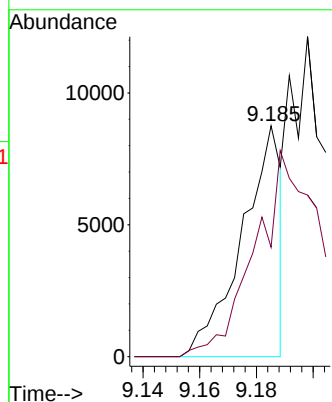
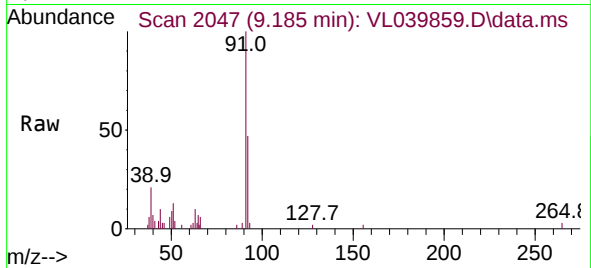




#53
Toluene
Concen: 0.039 ppbv
RT: 9.185 min Scan# 2054
Delta R.T. -0.022 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

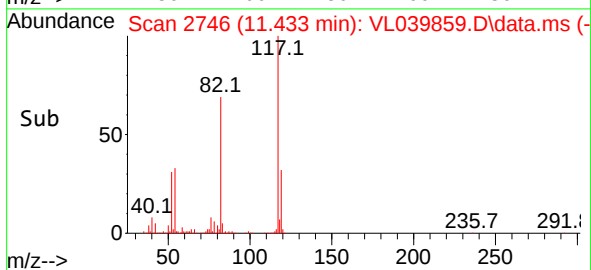
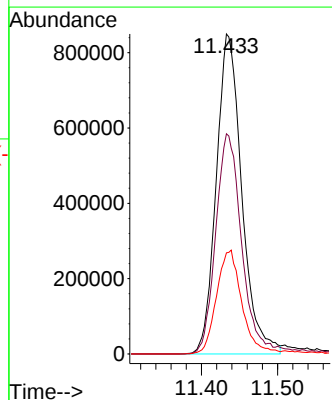
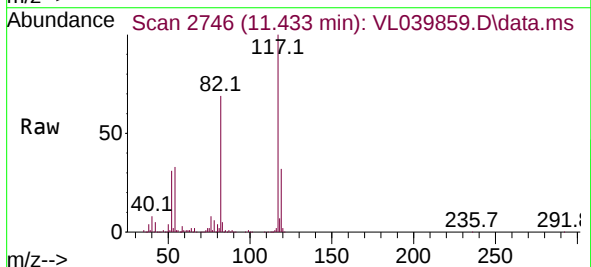
Instrument :
MSVOA_L
ClientSampleId :
IA-9EDL

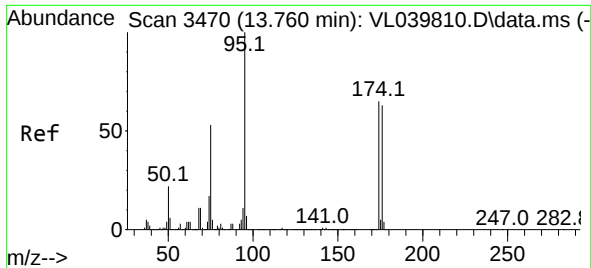
Tgt Ion: 91 Resp: 8406
Ion Ratio Lower Upper
91 100
92 167.7 49.6 74.4#



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.433 min Scan# 2746
Delta R.T. -0.019 min
Lab File: VL039859.D
Acq: 9 Nov 2022 22:08

Tgt Ion: 117 Resp: 1979448
Ion Ratio Lower Upper
117 100
82 72.1 51.0 76.6
119 33.7 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.877 ppbv
 RT: 13.748 min Scan# 34
 Delta R.T. -0.013 min
 Lab File: VL039859.D
 Acq: 9 Nov 2022 22:08

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-9EDL

Tgt Ion: 95 Resp: 1611491

Ion	Ratio	Lower	Upper
95	100		
174	62.0	53.4	80.0
175	4.4	4.1	6.1

