

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039861.D
 Acq On : 9 Nov 2022 23:27
 Operator : SY/AP
 Sample : N5555-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-18FDL

Quant Time: Nov 10 03:53:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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)

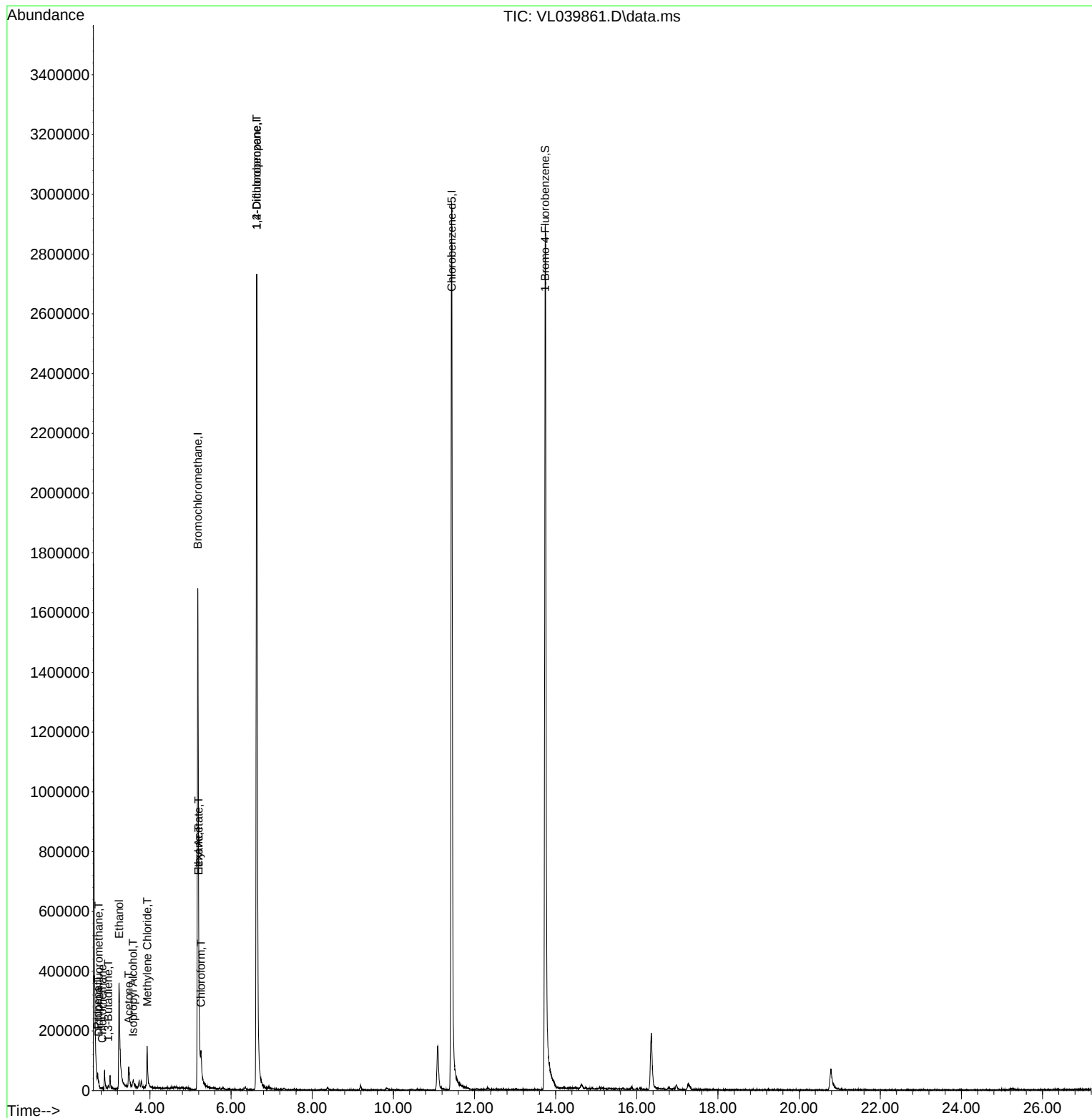
Internal Standards						
1) Bromochloromethane	5.182	49	929895	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2094385	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.436	117	1911327	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1566424	10.949	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.738	85	9665	0.062	ppbv	91
4) Chloromethane	2.825	50	2233	0.032	ppbv #	73
9) Propene	2.716	41	6487	0.112	ppbv	99
13) Ethanol	3.240	45	468971	114.882	ppbv	92
15) Acetone	3.475	43	76139	0.673	ppbv	96
16) 1,3-Butadiene	2.973	39	2555	0.049	ppbv #	5
19) Isopropyl Alcohol	3.581	45	11537	0.206	ppbv #	55
20) Methylene Chloride	3.935	84	42592	1.052	ppbv #	81
25) Ethyl Acetate	5.201	43	22886	0.098	ppbv #	81
26) Hexane	5.201	57	31039	0.299	ppbv #	40
29) Chloroform	5.256	83	45672	0.312	ppbv	86
39) 1,2-Dichloropropane	6.632	63	559899	8.134	ppbv #	27

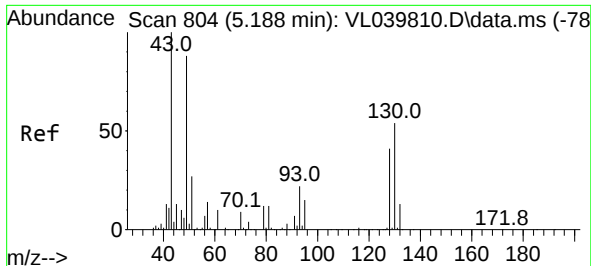
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
Data File : VL039861.D
Acq On : 9 Nov 2022 23:27
Operator : SY/AP
Sample : N5555-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-18FDL

Quant Time: Nov 10 03:53:03 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

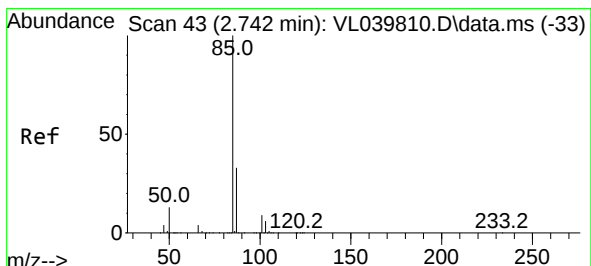
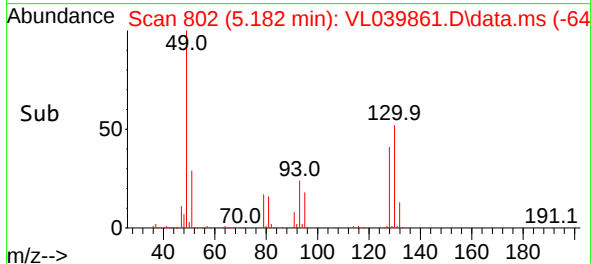
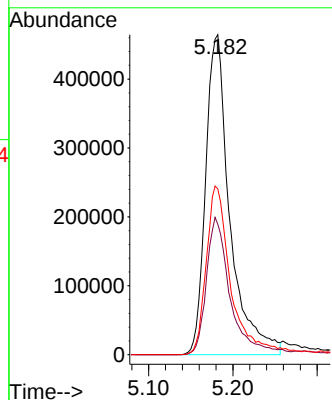
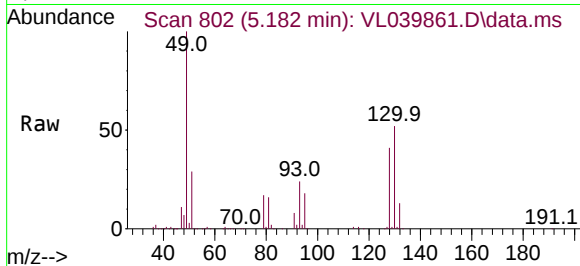




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.182 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VL039861.D
 Acq: 9 Nov 2022 23:27

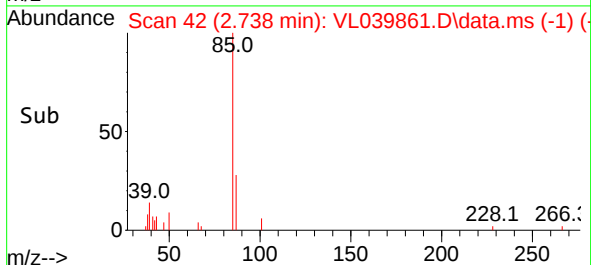
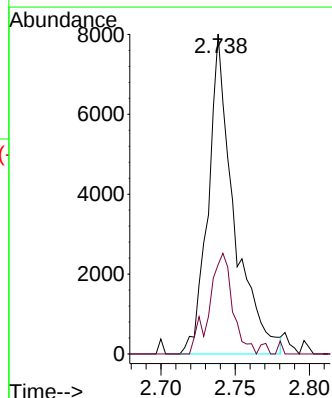
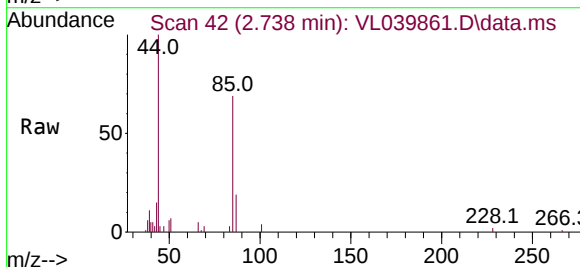
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-18FDL

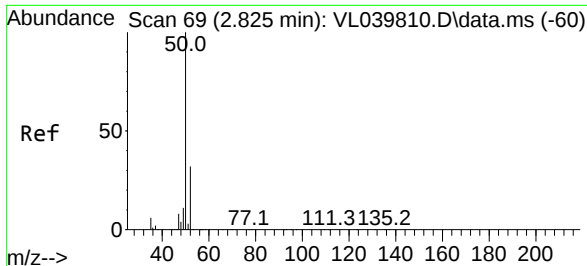
Tgt Ion: 49 Resp: 929895
 Ion Ratio Lower Upper
 49 100
 128 44.2 24.6 73.6
 130 55.8 31.1 93.2



#2
 Dichlorodifluoromethane
 Concen: 0.062 ppbv
 RT: 2.738 min Scan# 42
 Delta R.T. -0.003 min
 Lab File: VL039861.D
 Acq: 9 Nov 2022 23:27

Tgt Ion: 85 Resp: 9665
 Ion Ratio Lower Upper
 85 100
 87 27.9 26.4 39.6

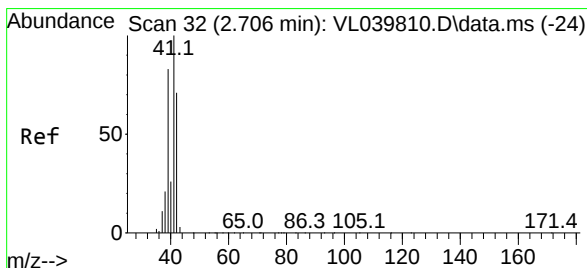
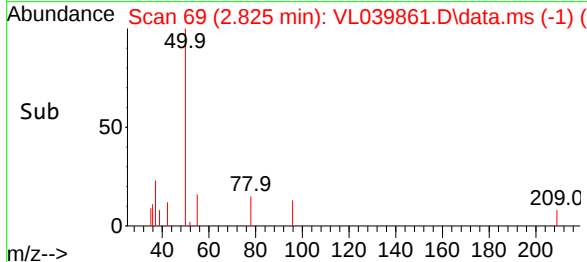
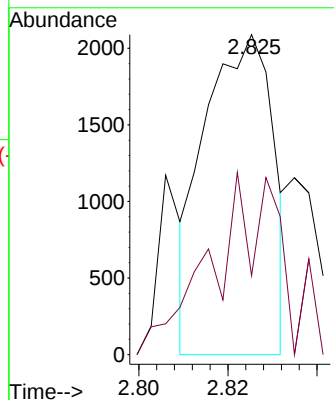
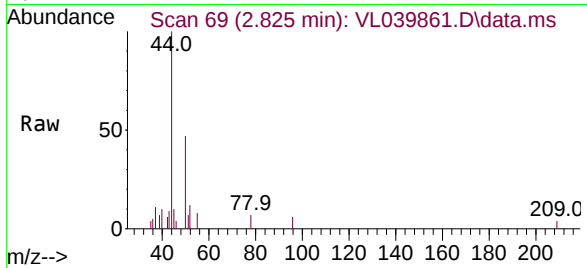




#4
Chloromethane
Concen: 0.032 ppbv
RT: 2.825 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL039861.D
Acq: 9 Nov 2022 23:27

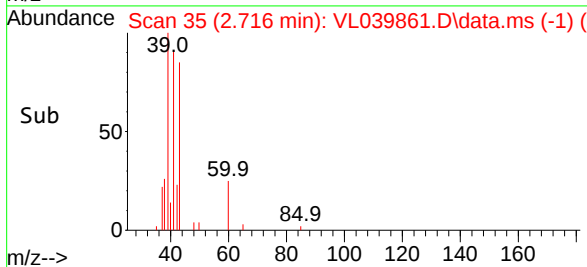
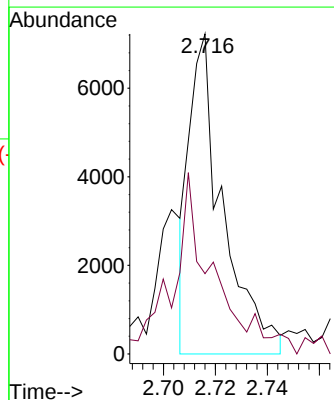
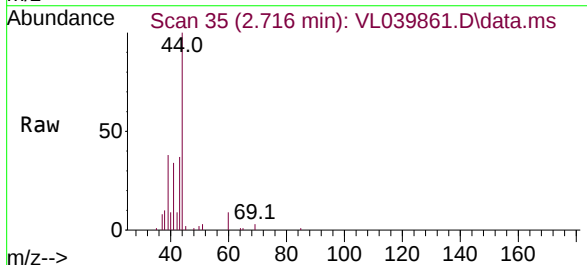
Instrument :
MSVOA_L
ClientSampleId :
IA-18FDL

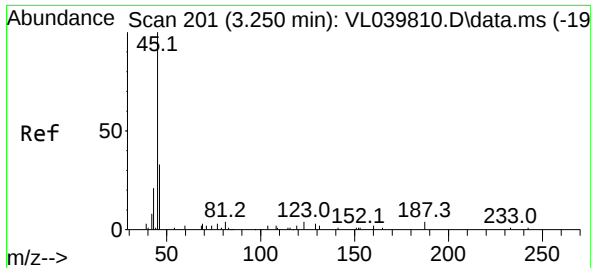
Tgt Ion: 50 Resp: 2233
Ion Ratio Lower Upper
50 100
52 17.0 25.5 38.3#



#9
Propene
Concen: 0.112 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.010 min
Lab File: VL039861.D
Acq: 9 Nov 2022 23:27

Tgt Ion: 41 Resp: 6487
Ion Ratio Lower Upper
41 100
42 70.8 56.3 84.5

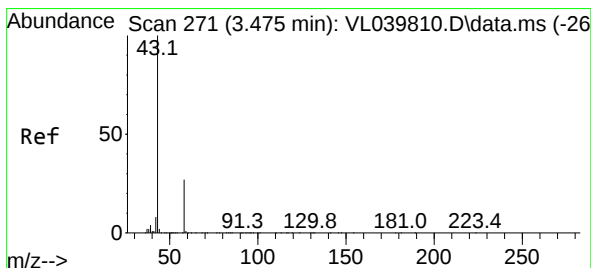
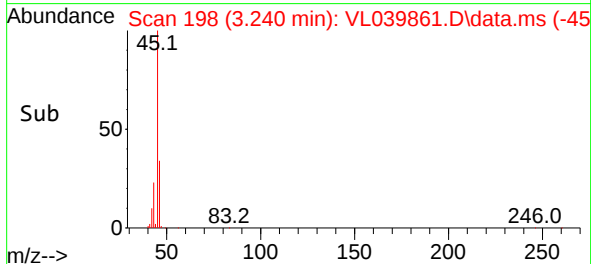
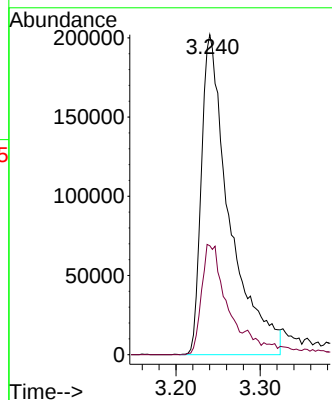
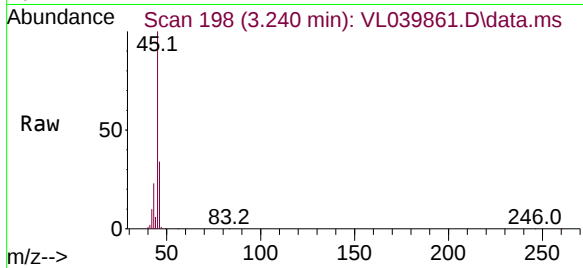




#13
Ethanol
Concen: 114.882 ppbv
RT: 3.240 min Scan# 198
Delta R.T. -0.010 min
Lab File: VL039861.D
Acq: 9 Nov 2022 23:27

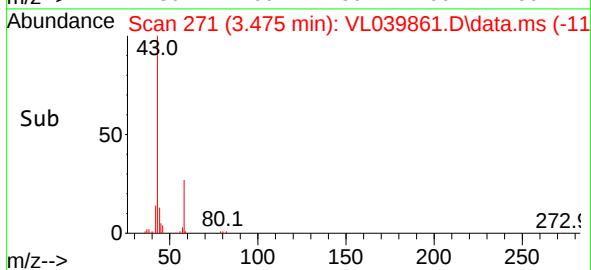
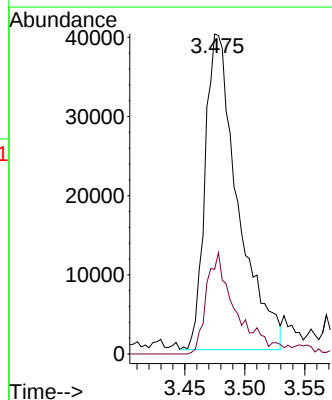
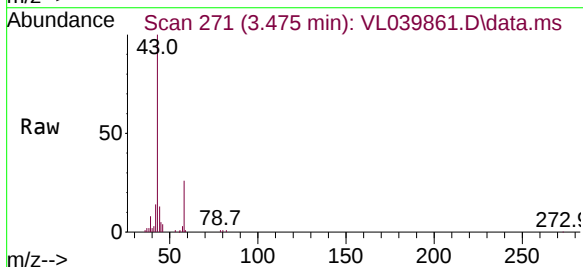
Instrument :
MSVOA_L
ClientSampleId :
IA-18FDL

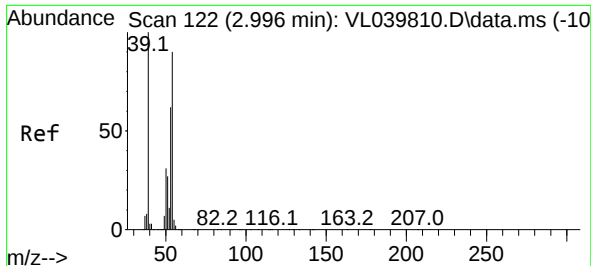
Tgt Ion: 45 Resp: 468971
Ion Ratio Lower Upper
45 100
46 36.1 16.5 65.9



#15
Acetone
Concen: 0.673 ppbv
RT: 3.475 min Scan# 271
Delta R.T. 0.000 min
Lab File: VL039861.D
Acq: 9 Nov 2022 23:27

Tgt Ion: 43 Resp: 76139
Ion Ratio Lower Upper
43 100
58 31.2 23.2 34.8





#16

1,3-Butadiene

Concen: 0.049 ppbv

RT: 2.973 min Scan# 115

Delta R.T. -0.022 min

Lab File: VL039861.D

Acq: 9 Nov 2022 23:27

Instrument :

MSVOA_L

ClientSampleId :

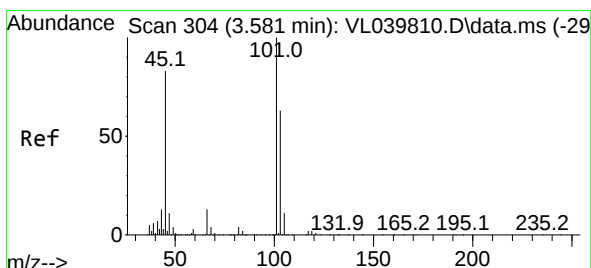
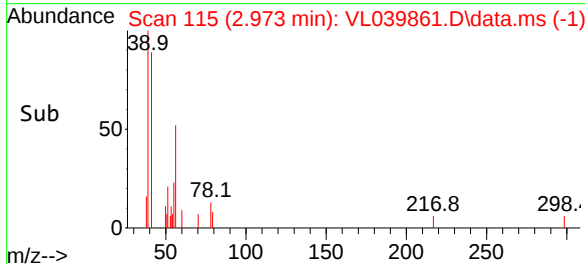
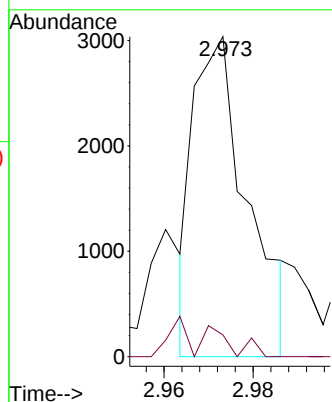
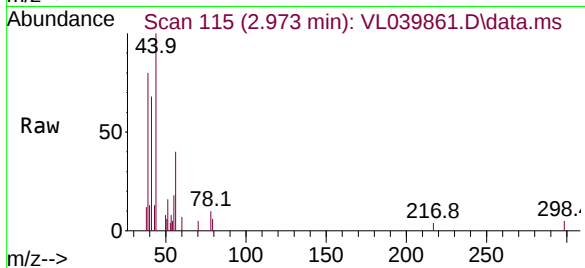
IA-18FDL

Tgt Ion: 39 Resp: 2555

Ion Ratio Lower Upper

39 100

54 0.0 71.0 106.4#



#19

Isopropyl Alcohol

Concen: 0.206 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.000 min

Lab File: VL039861.D

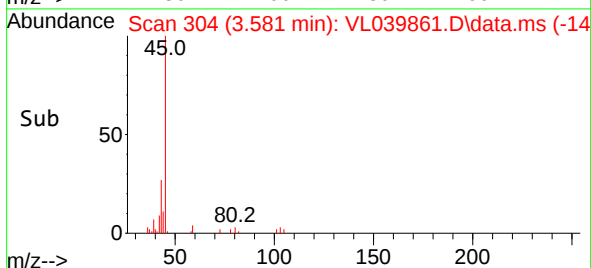
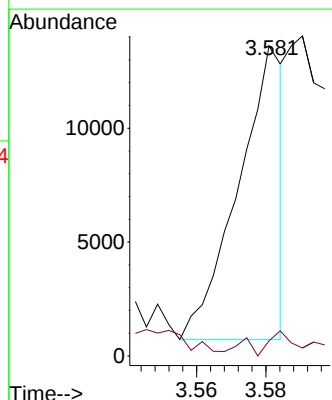
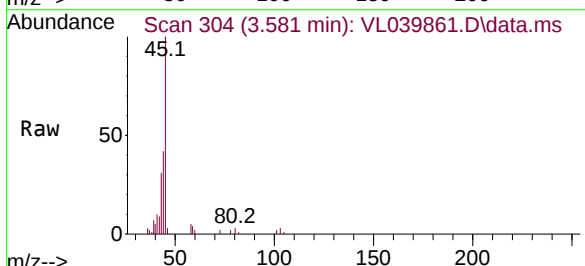
Acq: 9 Nov 2022 23:27

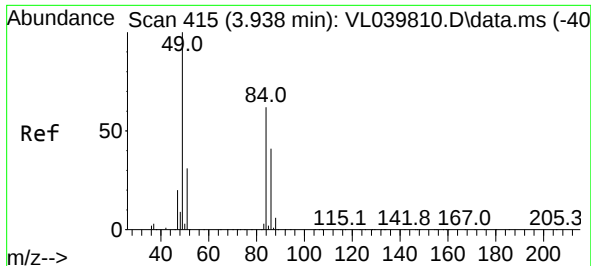
Tgt Ion: 45 Resp: 11537

Ion Ratio Lower Upper

45 100

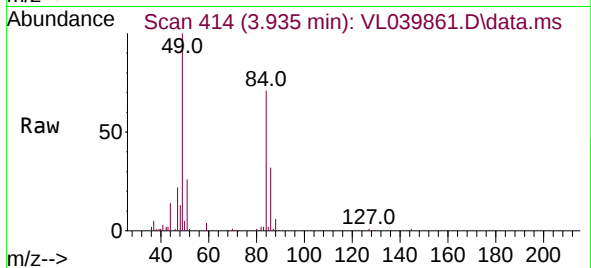
58 17.5 38.3 57.5#



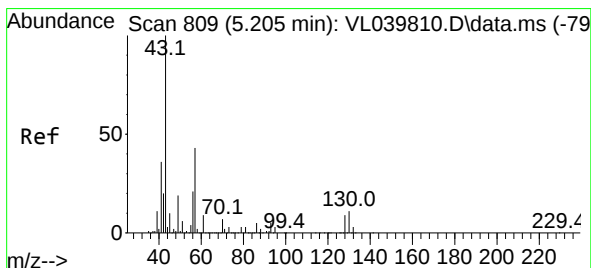
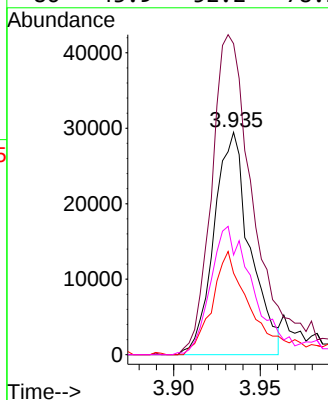
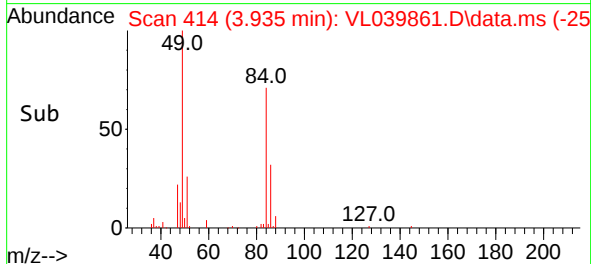


#20
Methylene Chloride
Concen: 1.052 ppbv
RT: 3.935 min Scan# 415
Delta R.T. -0.003 min
Lab File: VL039861.D
Acq: 9 Nov 2022 23:27

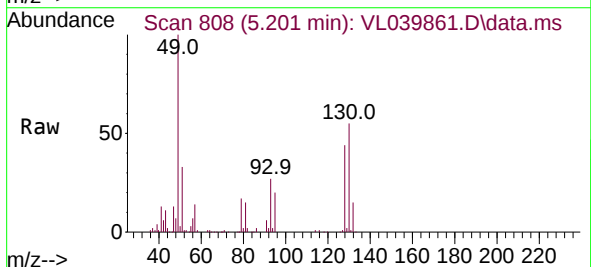
Instrument :
MSVOA_L
ClientSampleId :
IA-18FDL



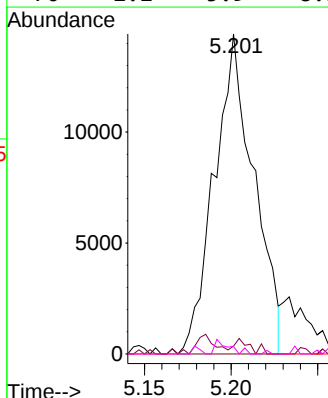
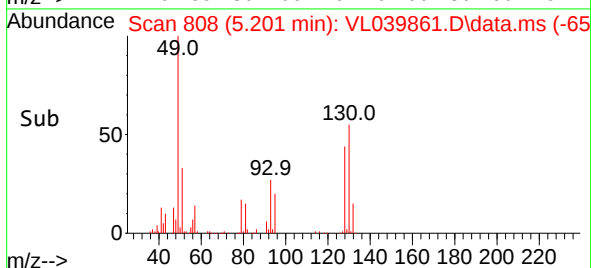
Tgt Ion: 84 Resp: 42592
Ion Ratio Lower Upper
84 100
49 139.9 128.6 192.8
51 36.7 40.2 60.4#
86 43.9 52.2 78.2#

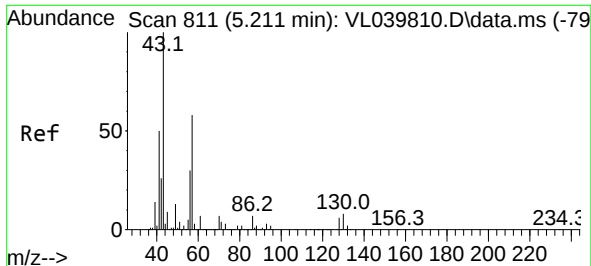


#25
Ethyl Acetate
Concen: 0.098 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.003 min
Lab File: VL039861.D
Acq: 9 Nov 2022 23:27



Tgt Ion: 43 Resp: 22886
Ion Ratio Lower Upper
43 100
45 5.4 8.2 12.2#
61 0.0 8.1 12.1#
70 2.2 5.9 8.9#

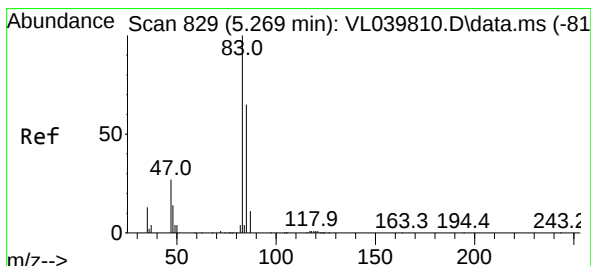
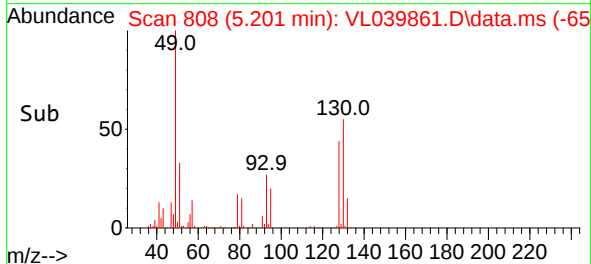
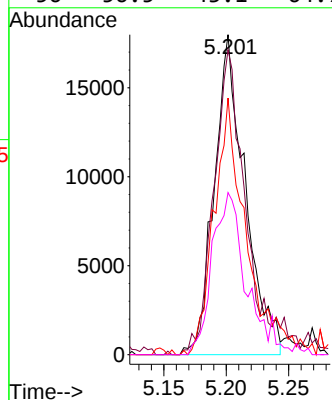
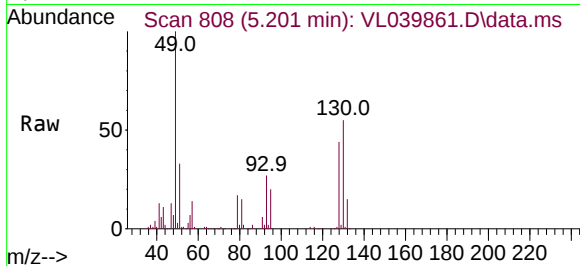




#26
Hexane
Concen: 0.299 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL039861.D
Acq: 9 Nov 2022 23:27

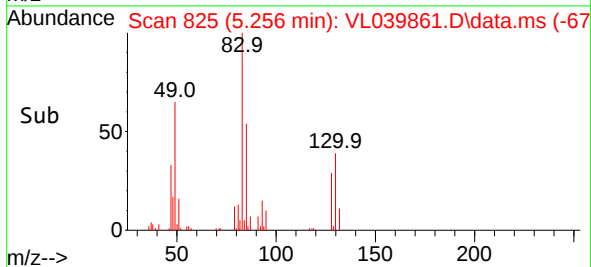
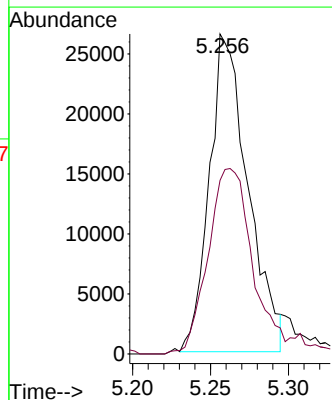
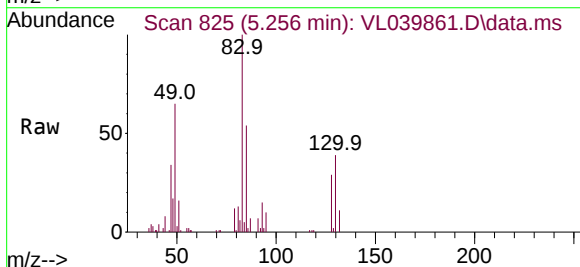
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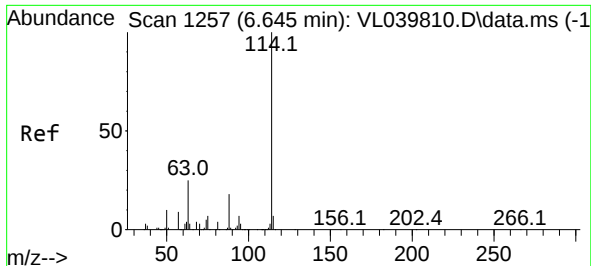
Tgt Ion: 57 Resp: 31039
Ion Ratio Lower Upper
57 100
41 104.2 73.7 110.5
43 84.4 189.8 284.8#
56 56.5 43.1 64.7



#29
Chloroform
Concen: 0.312 ppbv
RT: 5.256 min Scan# 825
Delta R.T. -0.013 min
Lab File: VL039861.D
Acq: 9 Nov 2022 23:27

Tgt Ion: 83 Resp: 45672
Ion Ratio Lower Upper
83 100
85 53.5 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: VL039861.D

Acq: 9 Nov 2022 23:27

Instrument :

MSVOA_L

ClientSampleId :

IA-18FDL

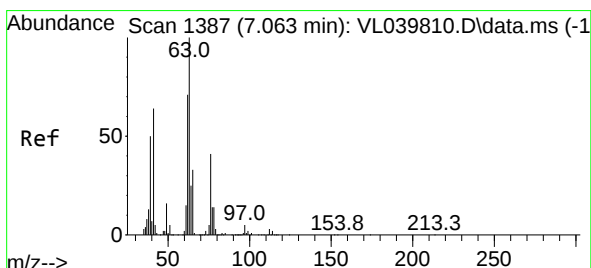
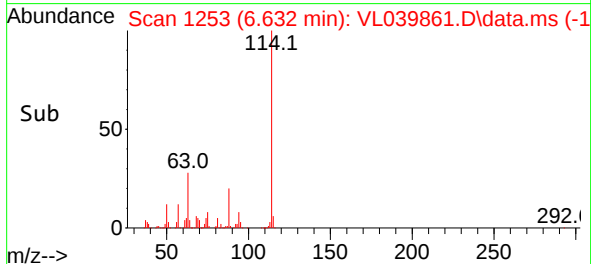
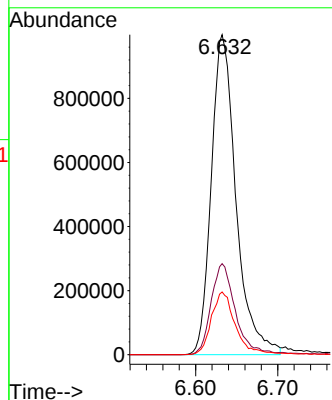
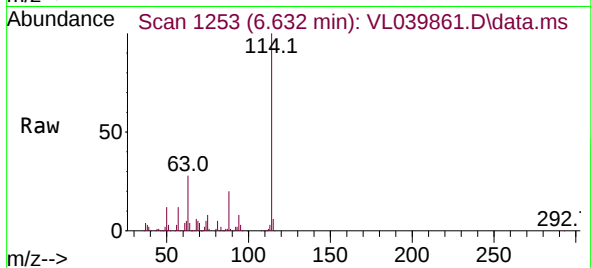
Tgt Ion:114 Resp: 2094385

Ion Ratio Lower Upper

114 100

63 28.7 19.8 29.6

88 19.5 14.4 21.6



#39

1,2-Dichloropropane

Concen: 8.134 ppbv

RT: 6.632 min Scan# 1253

Delta R.T. -0.431 min

Lab File: VL039861.D

Acq: 9 Nov 2022 23:27

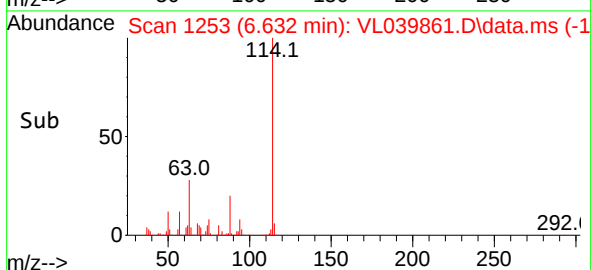
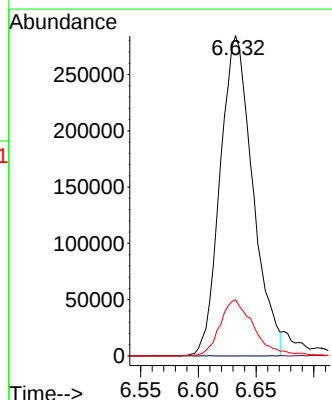
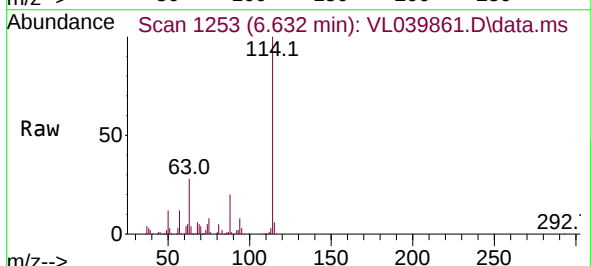
Tgt Ion: 63 Resp: 559899

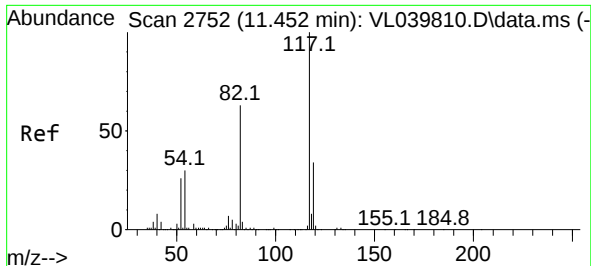
Ion Ratio Lower Upper

63 100

41 0.0 51.0 76.4#

62 17.6 56.6 85.0#

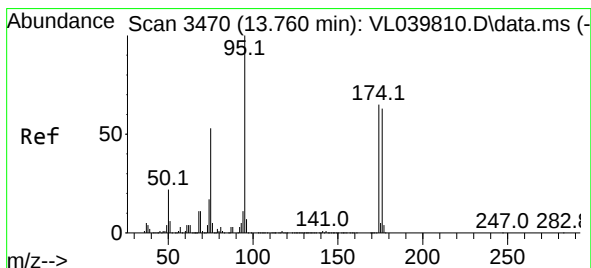
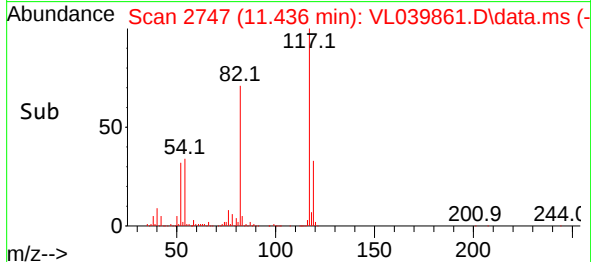
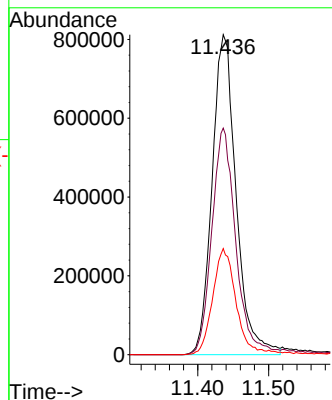
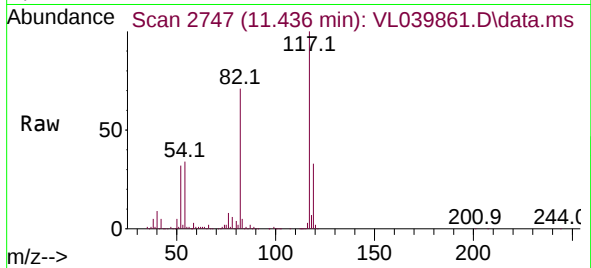




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039861.D
Acq: 9 Nov 2022 23:27

Instrument :
MSVOA_L
ClientSampleId :
IA-18FDL

Tgt Ion:117 Resp: 1911327
Ion Ratio Lower Upper
117 100
82 72.1 51.0 76.6
119 32.9 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.949 ppbv
RT: 13.741 min Scan# 3464
Delta R.T. -0.019 min
Lab File: VL039861.D
Acq: 9 Nov 2022 23:27

Tgt Ion: 95 Resp: 1566424
Ion Ratio Lower Upper
95 100
174 61.4 53.4 80.0
175 4.3 4.1 6.1

