

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
 Data File : VL039841.D
 Acq On : 7 Nov 2022 15:56
 Operator : SY/AP
 Sample : N5409-01DL 2.5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 E062-1100DL

Quant Time: Nov 08 06:14:25 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)

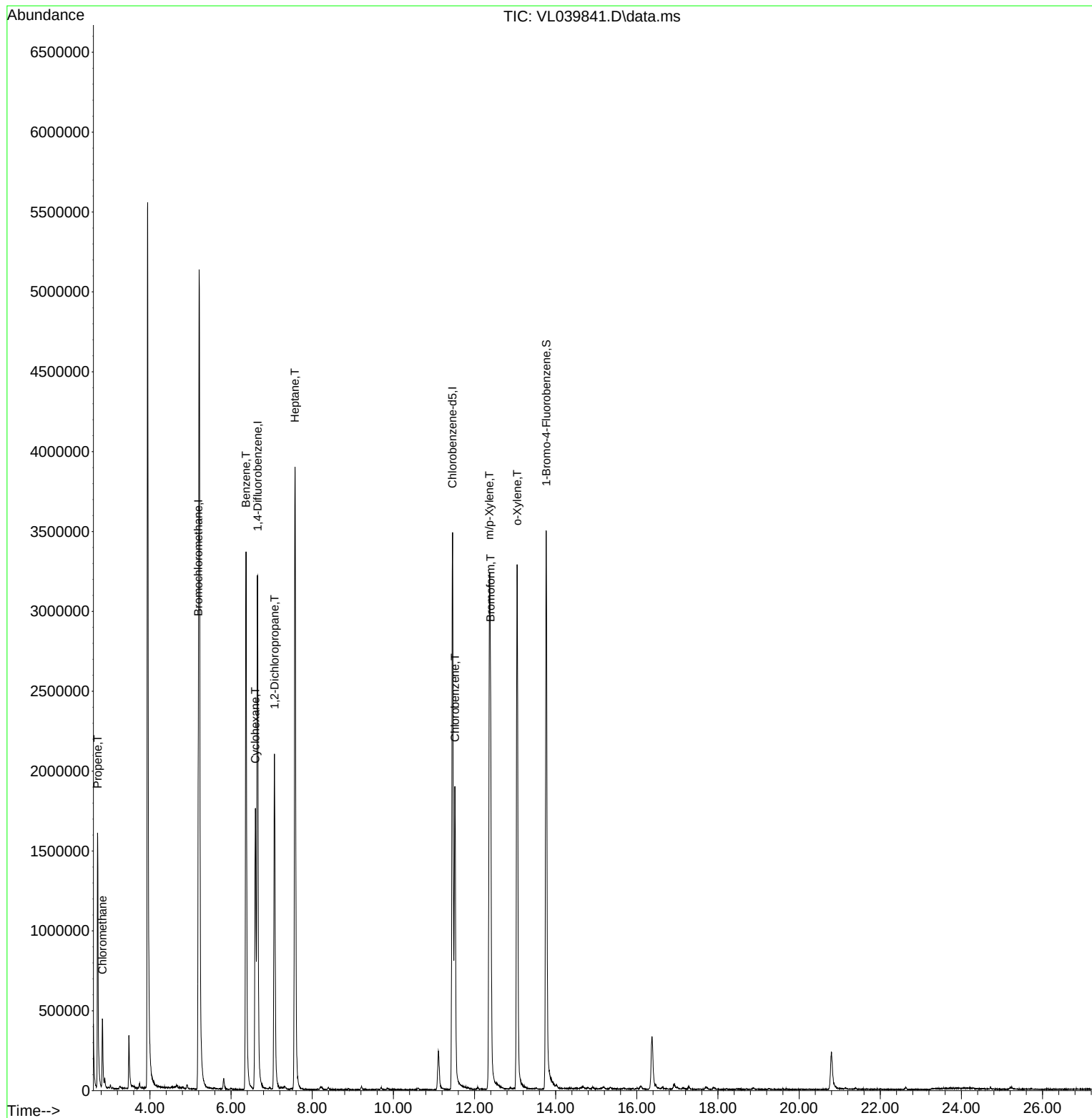
Internal Standards							
1) Bromochloromethane		5.195	49	1043545	10.000	ppbv	0.00
33) 1,4-Difluorobenzene		6.652	114	2574842	10.000	ppbv	0.00
55) Chlorobenzene-d5		11.458	117	2333355	10.000	ppbv	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.767	95	1886489	10.802	ppbv	0.00
Spiked Amount		10.000	Range	65 - 135	Recovery	= 108.000%	
Target Compounds							
							Qvalue
4) Chloromethane		2.829	50	418195	5.399	ppbv	98
9) Propene		2.710	41	734782	11.336	ppbv	98
10) Heptane		7.574	43	2024109	13.035	ppbv	100
30) Cyclohexane		6.600	84	672539	6.894	ppbv	98
36) Benzene		6.369	78	3056784	14.074	ppbv	96
39) 1,2-Dichloropropane		7.070	63	850544	10.051	ppbv	96
49) Bromoform		12.394	173	1147792	9.780	ppbv	98
57) Chlorobenzene		11.516	112	1158962	6.548	ppbv	94
59) m/p-Xylene		12.368	91	2590830	9.838	ppbv	92
60) o-Xylene		13.053	91	2842829	11.394	ppbv	97

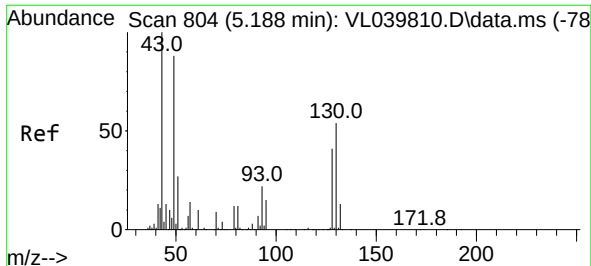
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
Data File : VL039841.D
Acq On : 7 Nov 2022 15:56
Operator : SY/AP
Sample : N5409-01DL 2.5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL

Quant Time: Nov 08 06:14:25 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: 5.195 min Scan# 80

Delta R.T. 0.007 min

Lab File: VL039841.D

Acq: 7 Nov 2022 15:56

Instrument :

MSVOA_L

ClientSampleId :

E062-1100DL

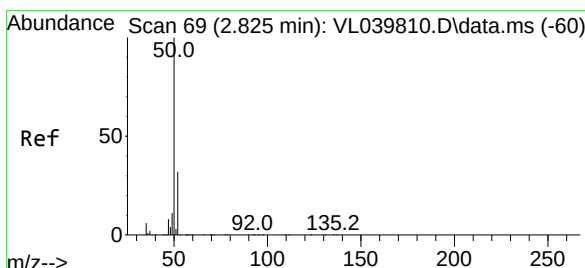
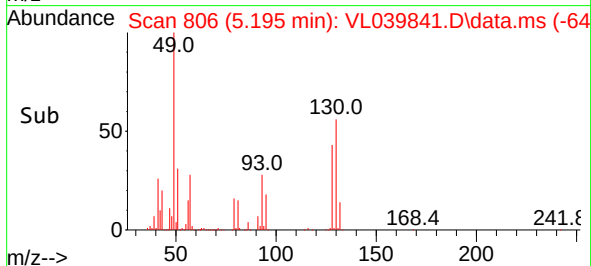
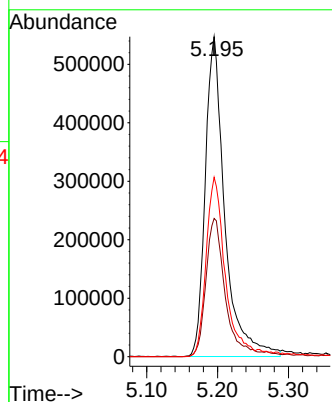
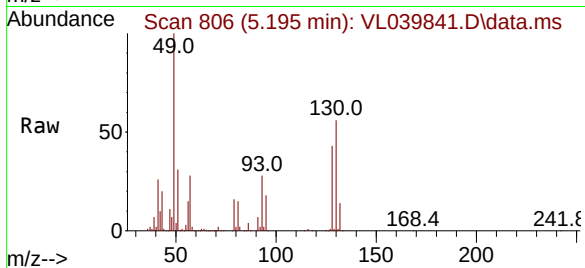
Tgt Ion: 49 Resp: 1043545

Ion Ratio Lower Upper

49 100

128 44.6 24.6 73.6

130 57.6 31.1 93.2



#4

Chloromethane

Concen: 5.399 ppbv

RT: 2.829 min Scan# 70

Delta R.T. 0.003 min

Lab File: VL039841.D

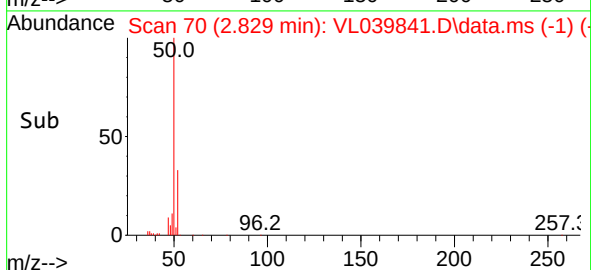
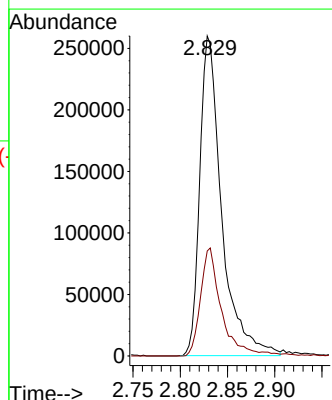
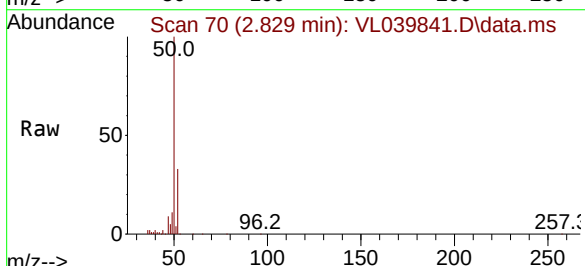
Acq: 7 Nov 2022 15:56

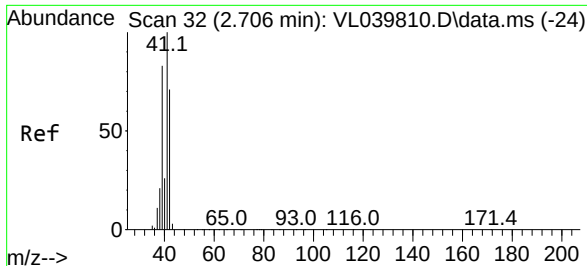
Tgt Ion: 50 Resp: 418195

Ion Ratio Lower Upper

50 100

52 32.9 25.5 38.3

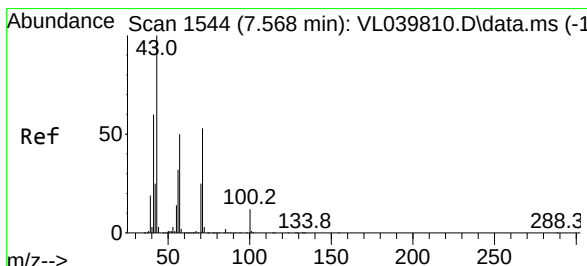
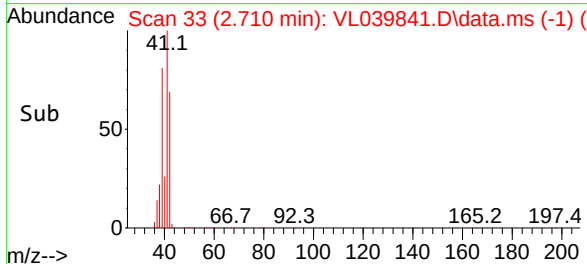
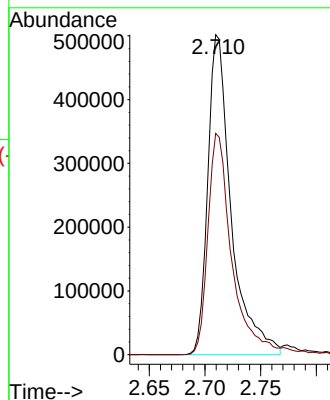
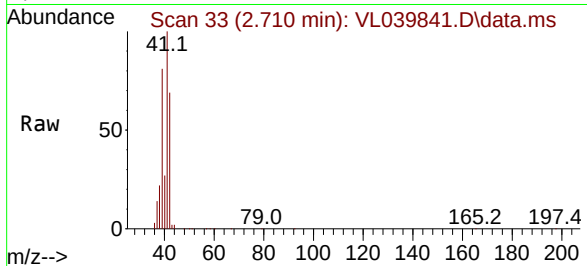




#9
 Propene
 Concen: 11.336 ppbv
 RT: 2.710 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VL039841.D
 Acq: 7 Nov 2022 15:56

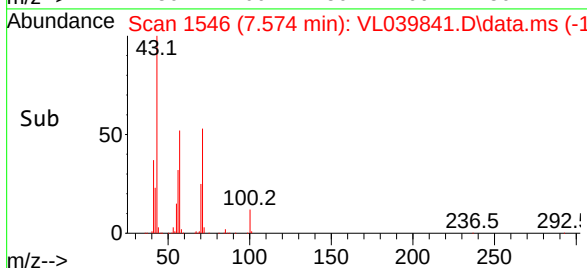
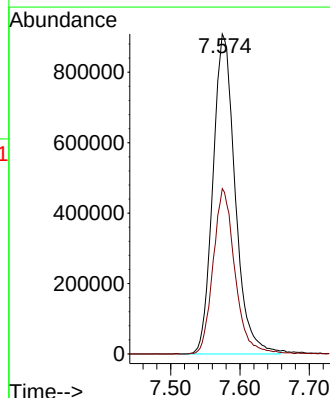
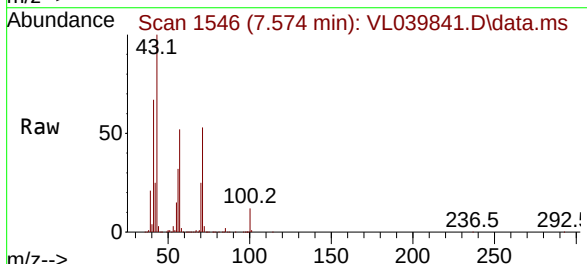
Instrument :
 MSVOA_L
 ClientSampleId :
 E062-1100DL

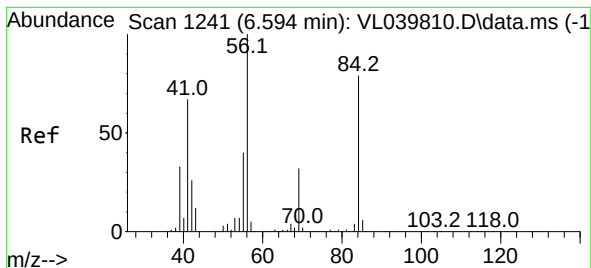
Tgt Ion: 41 Resp: 734782
 Ion Ratio Lower Upper
 41 100
 42 72.3 56.3 84.5



#10
 Heptane
 Concen: 13.035 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. 0.007 min
 Lab File: VL039841.D
 Acq: 7 Nov 2022 15:56

Tgt Ion: 43 Resp: 2024109
 Ion Ratio Lower Upper
 43 100
 57 50.9 40.5 60.7





#30

Cyclohexane

Concen: 6.894 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.007 min

Lab File: VL039841.D

Acq: 7 Nov 2022 15:56

Instrument :

MSVOA_L

ClientSampleId :

E062-1100DL

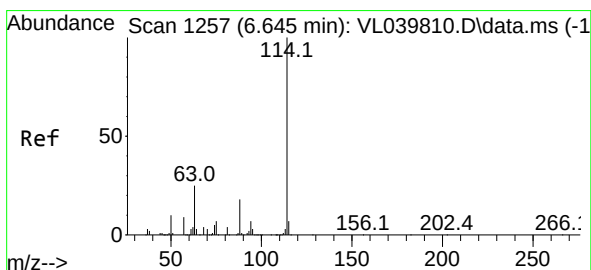
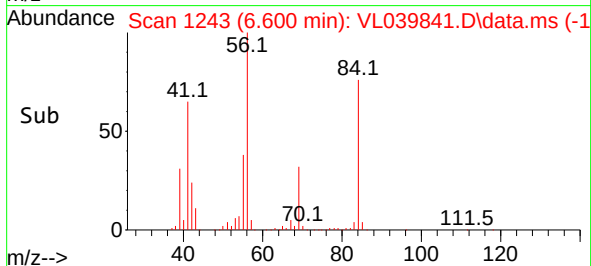
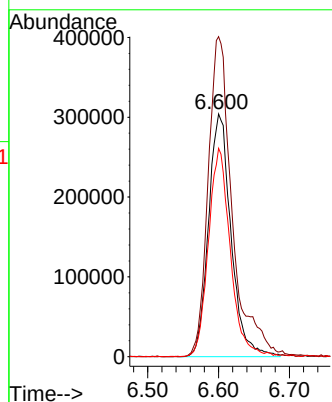
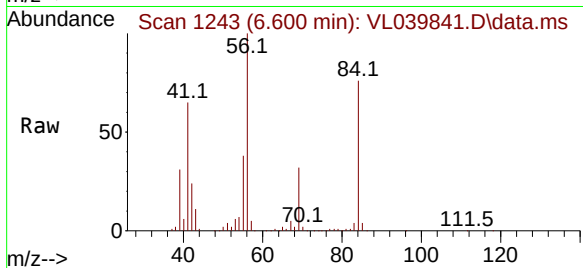
Tgt Ion: 84 Resp: 672539

Ion Ratio Lower Upper

84 100

56 141.8 114.8 172.2

41 83.9 68.6 103.0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1259

Delta R.T. 0.007 min

Lab File: VL039841.D

Acq: 7 Nov 2022 15:56

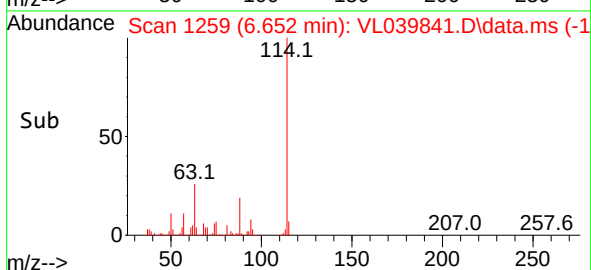
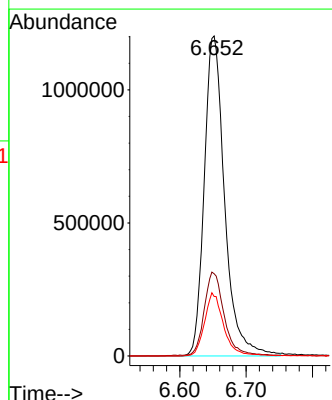
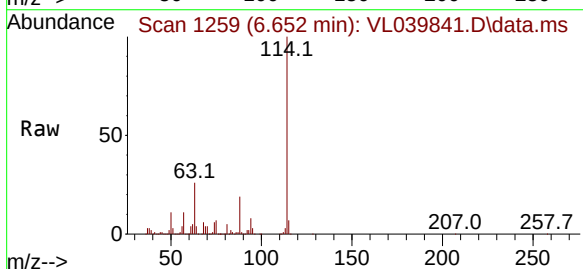
Tgt Ion: 114 Resp: 2574842

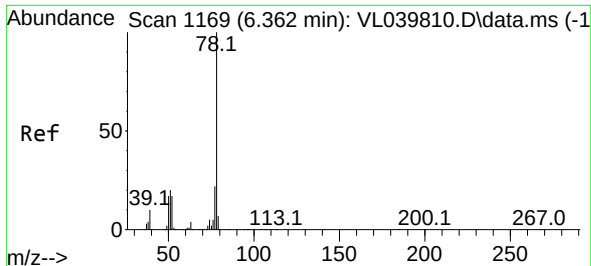
Ion Ratio Lower Upper

114 100

63 26.1 19.8 29.6

88 18.6 14.4 21.6





#36

Benzene

Concen: 14.074 ppbv

RT: 6.369 min Scan# 1169

Delta R.T. 0.007 min

Lab File: VL039841.D

Acq: 7 Nov 2022 15:56

Instrument :

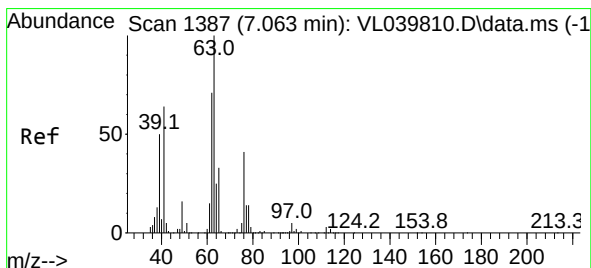
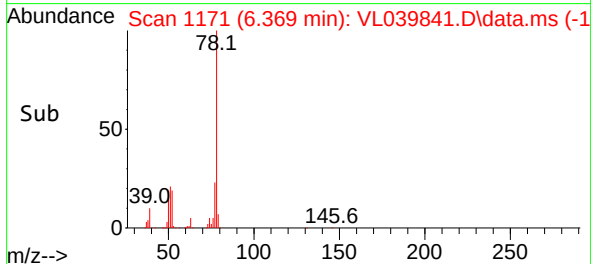
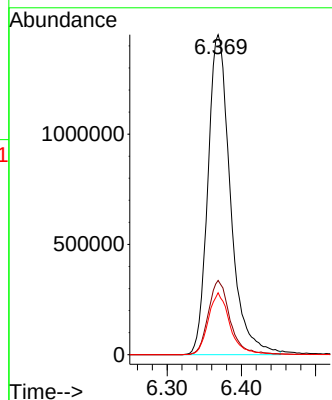
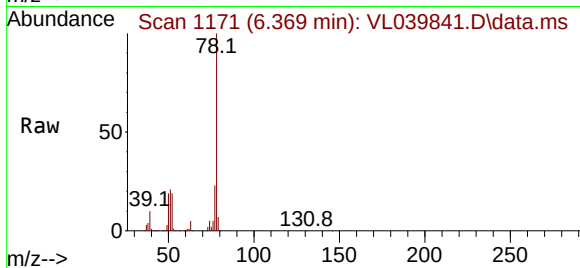
MSVOA_L

ClientSampleId :

E062-1100DL

Tgt Ion: 78 Resp: 3056784

Ion	Ratio	Lower	Upper
78	100		
77	23.2	17.4	26.2
50	19.3	13.9	20.9



#39

1,2-Dichloropropane

Concen: 10.051 ppbv

RT: 7.070 min Scan# 1389

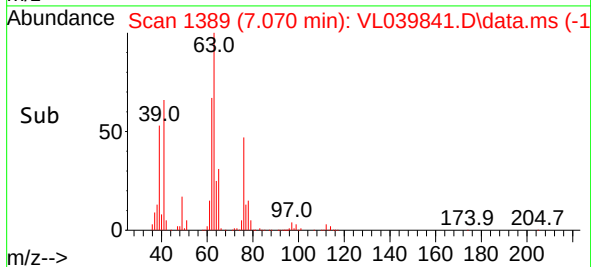
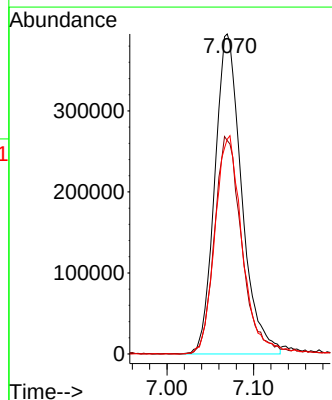
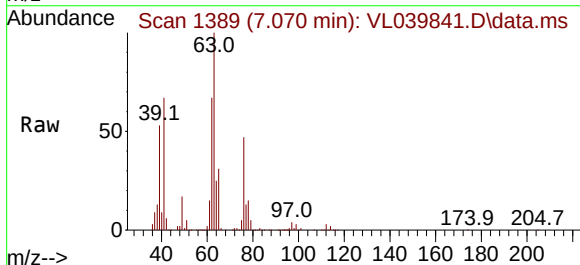
Delta R.T. 0.007 min

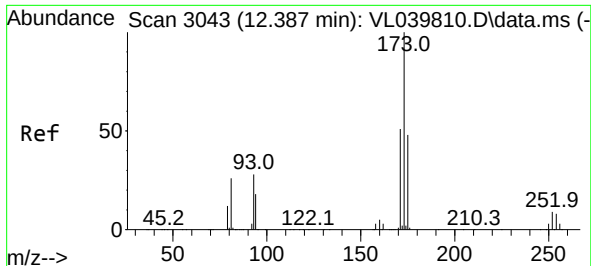
Lab File: VL039841.D

Acq: 7 Nov 2022 15:56

Tgt Ion: 63 Resp: 850544

Ion	Ratio	Lower	Upper
63	100		
41	66.7	51.0	76.4
62	67.1	56.6	85.0

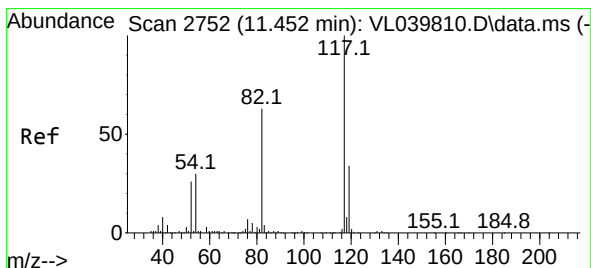
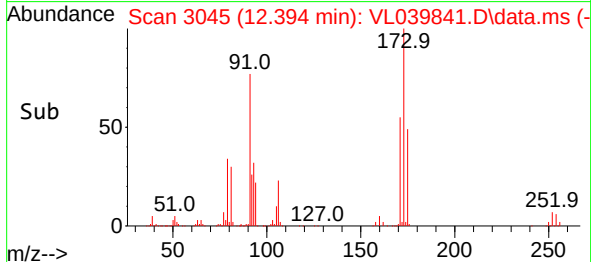
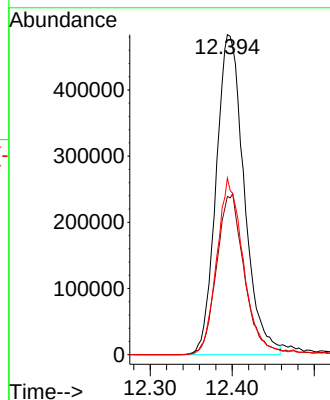
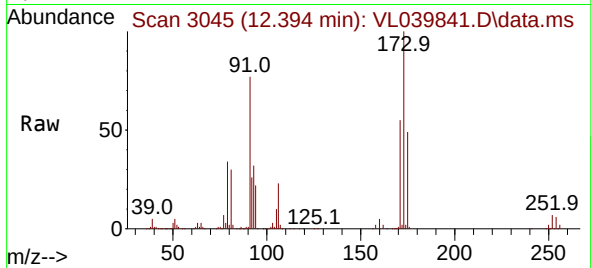




#49
Bromoform
Concen: 9.780 ppbv
RT: 12.394 min Scan# 3045
Delta R.T. 0.007 min
Lab File: VL039841.D
Acq: 7 Nov 2022 15:56

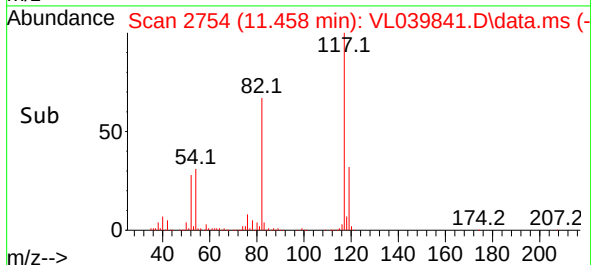
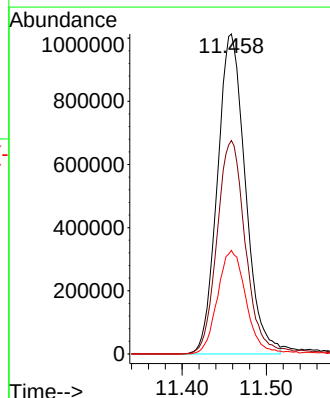
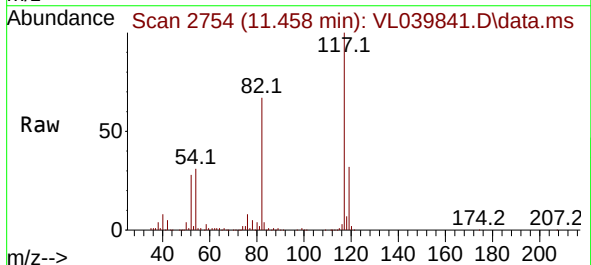
Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL

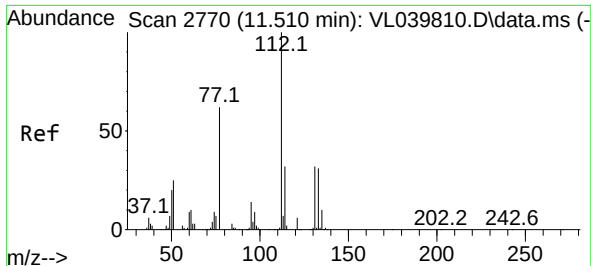
Tgt Ion:173 Resp: 1147792
Ion Ratio Lower Upper
173 100
175 51.1 39.7 59.5
171 53.9 41.7 62.5



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. 0.007 min
Lab File: VL039841.D
Acq: 7 Nov 2022 15:56

Tgt Ion:117 Resp: 2333355
Ion Ratio Lower Upper
117 100
82 69.0 51.0 76.6
119 33.6 24.7 37.1

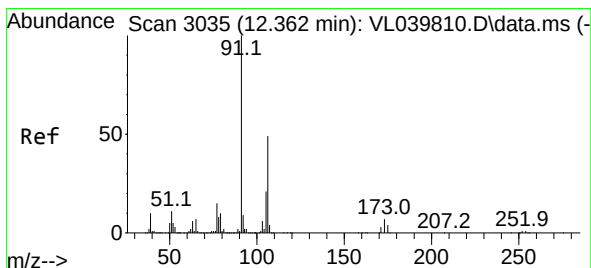
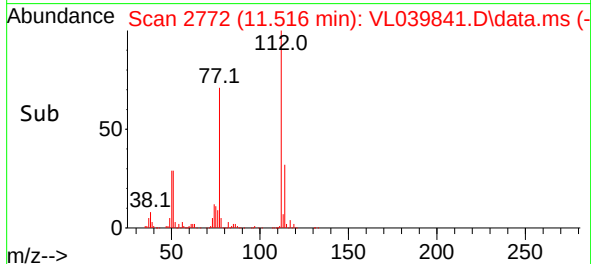
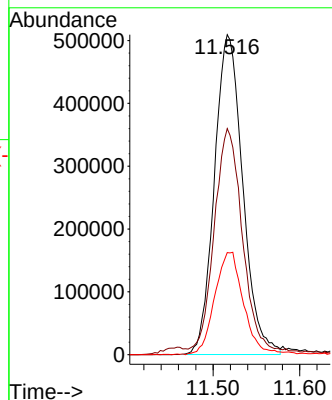
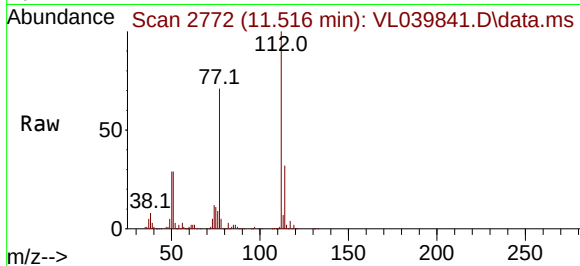




#57
Chlorobenzene
Concen: 6.548 ppbv
RT: 11.516 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039841.D
Acq: 7 Nov 2022 15:56

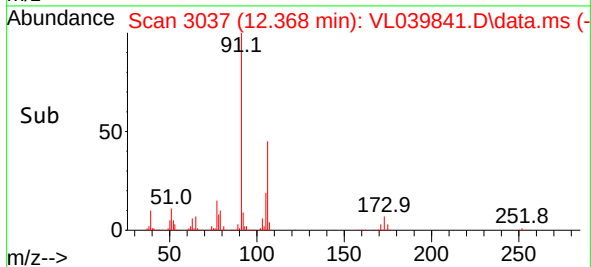
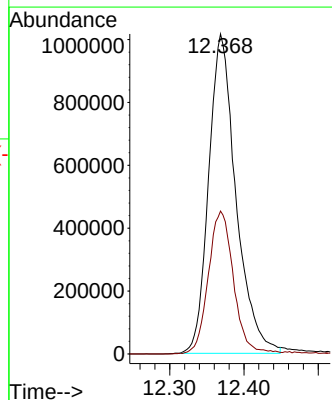
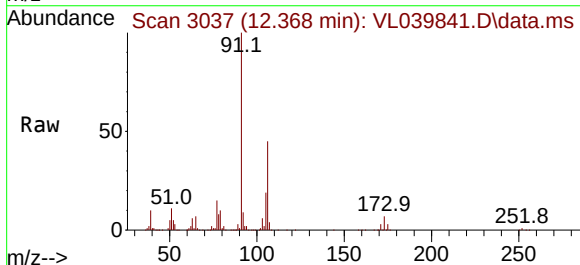
Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL

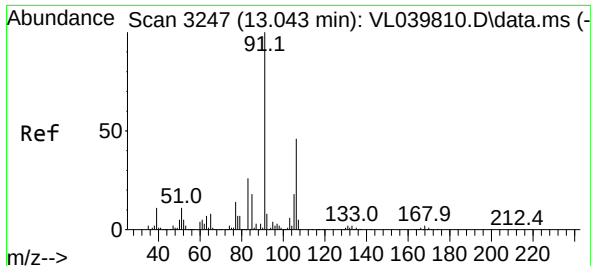
Tgt Ion:112 Resp: 1158962
Ion Ratio Lower Upper
112 100
77 69.0 49.8 74.6
114 31.8 29.0 35.4



#59
m/p-Xylene
Concen: 9.838 ppbv
RT: 12.368 min Scan# 3037
Delta R.T. 0.007 min
Lab File: VL039841.D
Acq: 7 Nov 2022 15:56

Tgt Ion: 91 Resp: 2590830
Ion Ratio Lower Upper
91 100
106 41.8 37.6 56.4

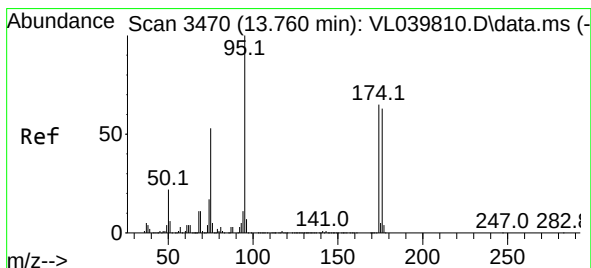
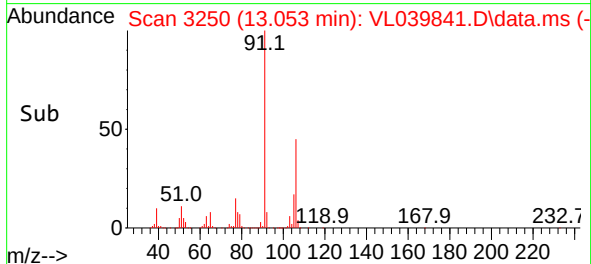
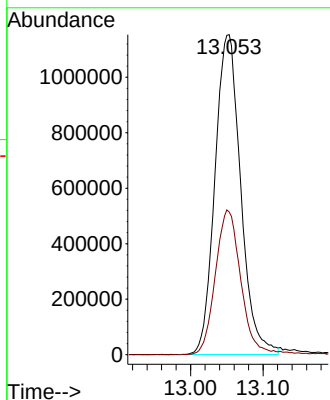
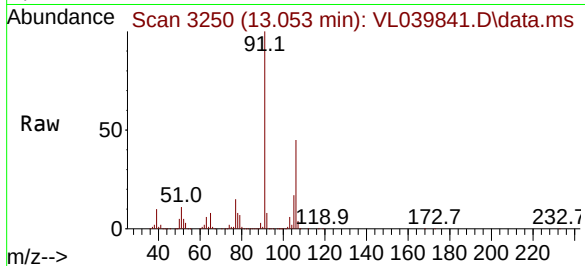




#60
o-Xylene
Concen: 11.394 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039841.D
Acq: 7 Nov 2022 15:56

Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL

Tgt Ion: 91 Resp: 2842829
Ion Ratio Lower Upper
91 100
106 45.4 23.6 70.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.802 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.007 min
Lab File: VL039841.D
Acq: 7 Nov 2022 15:56

Tgt Ion: 95 Resp: 1886489
Ion Ratio Lower Upper
95 100
174 62.0 53.4 80.0
175 4.6 4.1 6.1

