

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110322\
 Data File : VL039824.D
 Acq On : 3 Nov 2022 13:46
 Operator : SY/AP
 Sample : N5409-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 E062-1100DL

Quant Time: Nov 04 08:43:53 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)

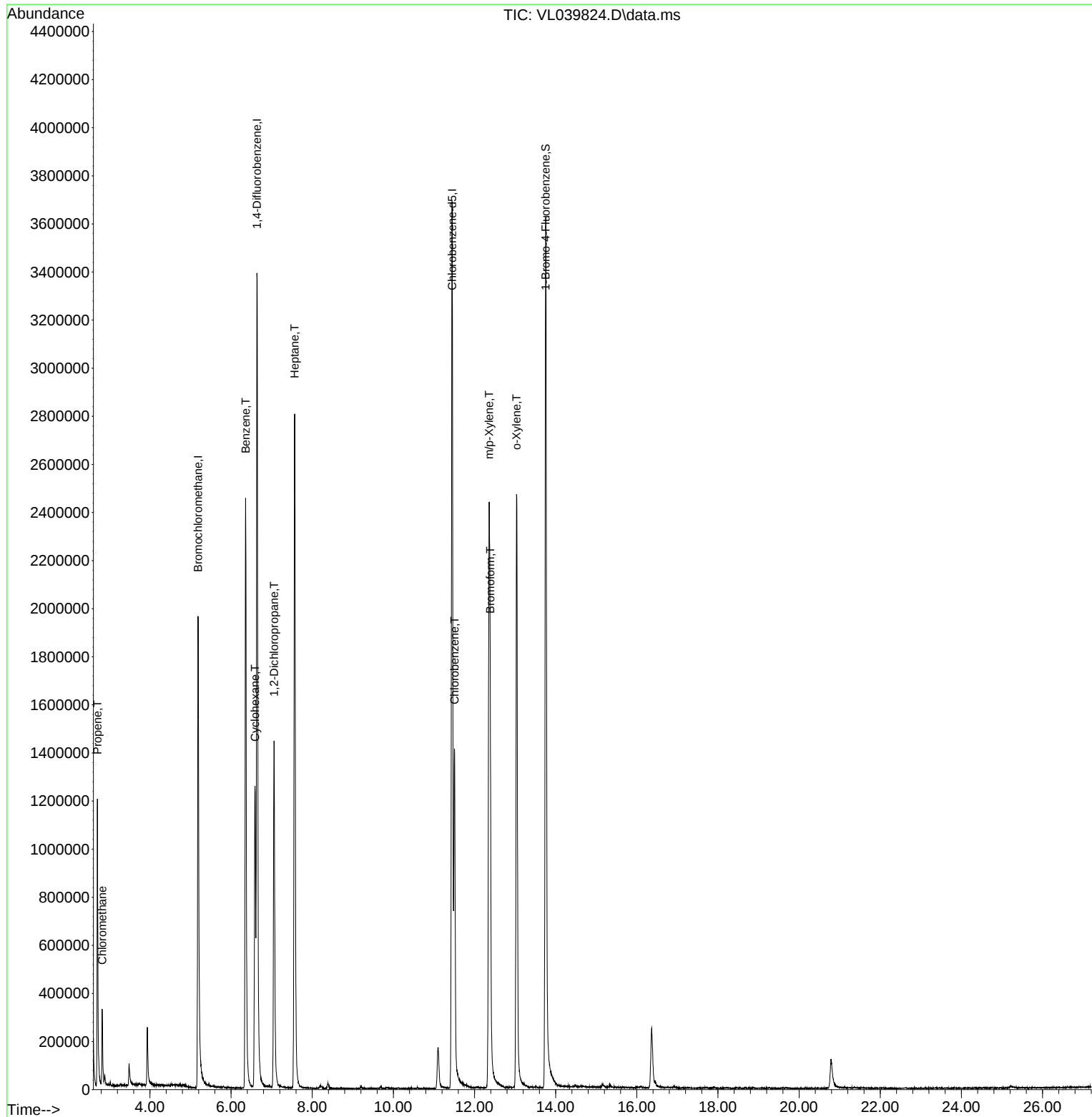
Internal Standards							
1) Bromochloromethane		5.189	49	1061598	10.000	ppbv	0.00
33) 1,4-Difluorobenzene		6.639	114	2907247	10.000	ppbv	0.00
55) Chlorobenzene-d5		11.449	117	2662859	10.000	ppbv	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.754	95	2063791	10.354	ppbv	0.00
Spiked Amount		10.000	Range	65 - 135	Recovery	= 103.500%	
Target Compounds							
							Qvalue
4) Chloromethane		2.822	50	285983	3.629	ppbv	96
9) Propene		2.706	41	542560	8.228	ppbv	99
10) Heptane		7.565	43	1503962	9.521	ppbv	99
30) Cyclohexane		6.590	84	492497	4.963	ppbv	98
36) Benzene		6.359	78	2309871	9.419	ppbv	100
39) 1,2-Dichloropropane		7.060	63	607387	6.357	ppbv	98
49) Bromoform		12.388	173	908355	6.855	ppbv	98
57) Chlorobenzene		11.507	112	894827	4.430	ppbv	99
59) m/p-Xylene		12.359	91	1946458	6.476	ppbv	96
60) o-Xylene		13.037	91	2155772	7.571	ppbv	99

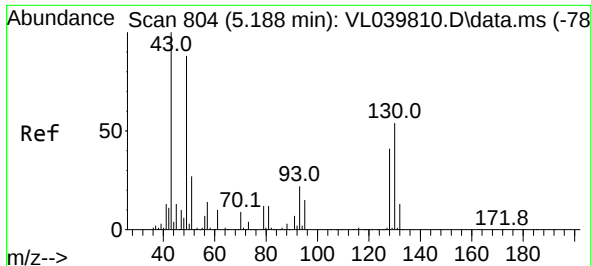
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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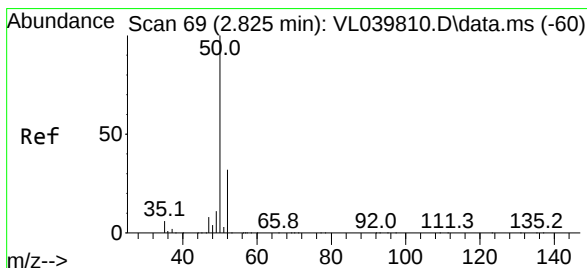
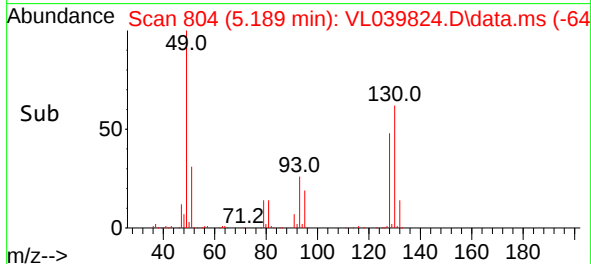
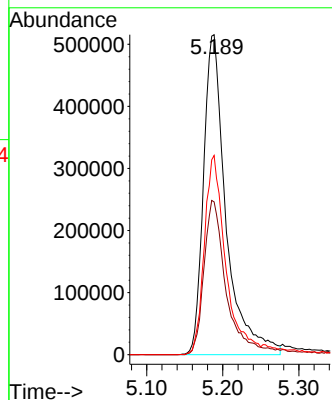
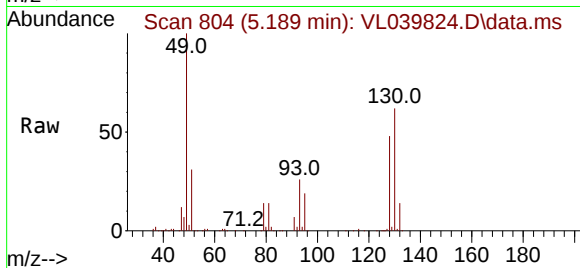




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.001 min
Lab File: VL039824.D
Acq: 3 Nov 2022 13:46

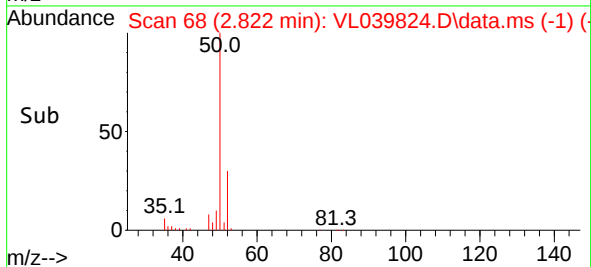
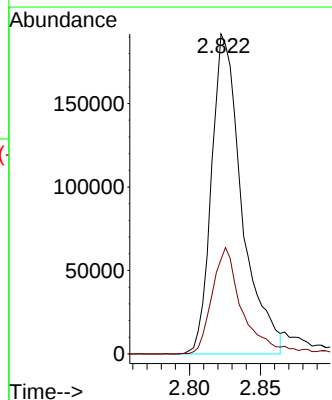
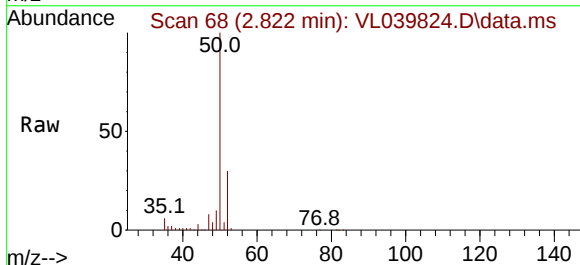
Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL

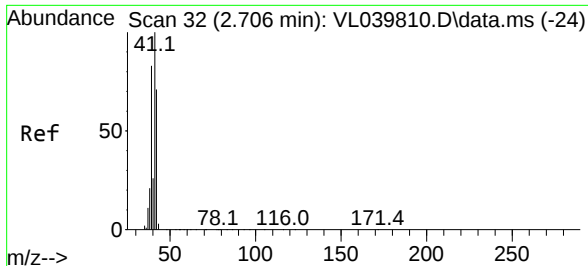
Tgt Ion: 49 Resp: 1061598
Ion Ratio Lower Upper
49 100
128 49.4 24.6 73.6
130 62.3 31.1 93.2



#4
Chloromethane
Concen: 3.629 ppbv
RT: 2.822 min Scan# 68
Delta R.T. -0.003 min
Lab File: VL039824.D
Acq: 3 Nov 2022 13:46

Tgt Ion: 50 Resp: 285983
Ion Ratio Lower Upper
50 100
52 29.4 25.5 38.3

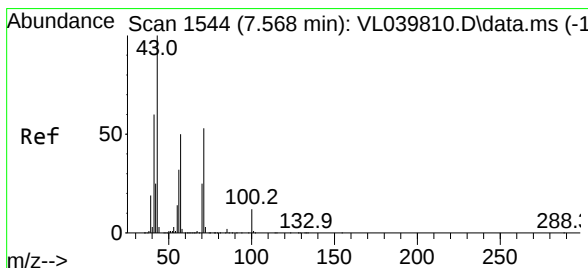
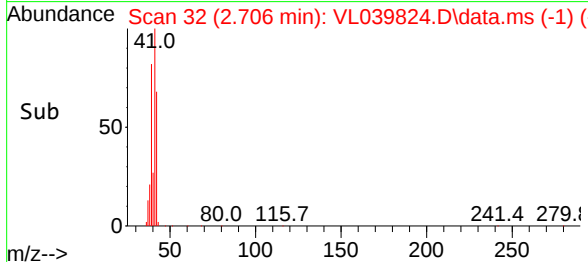
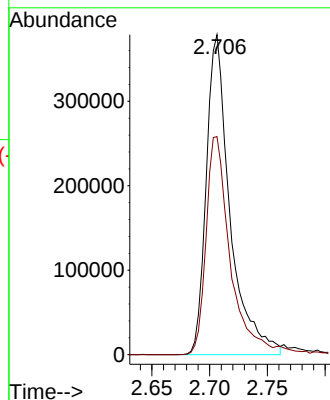
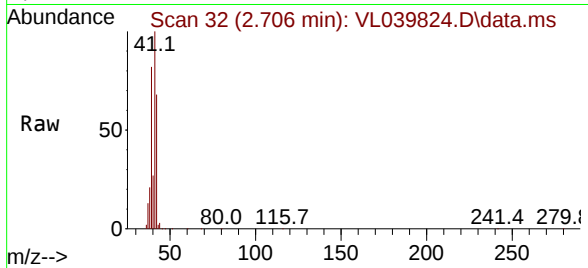




#9
 Propene
 Concen: 8.228 ppbv
 RT: 2.706 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VL039824.D
 Acq: 3 Nov 2022 13:46

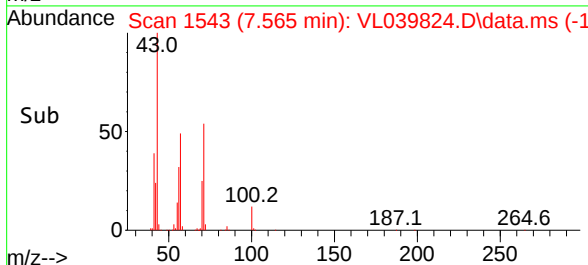
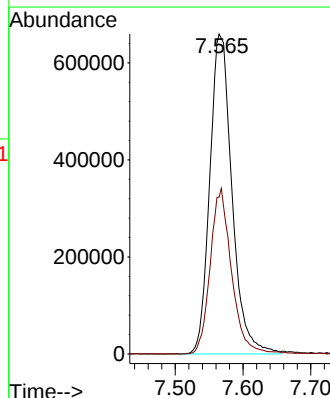
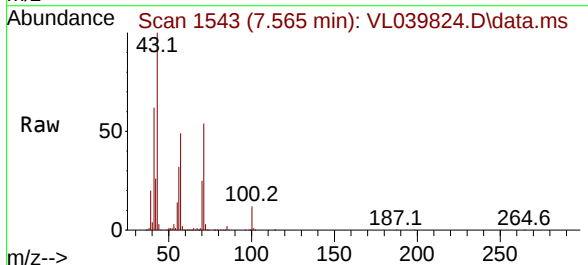
Instrument :
 MSVOA_1
 ClientSampleId :
 E062-1100DL

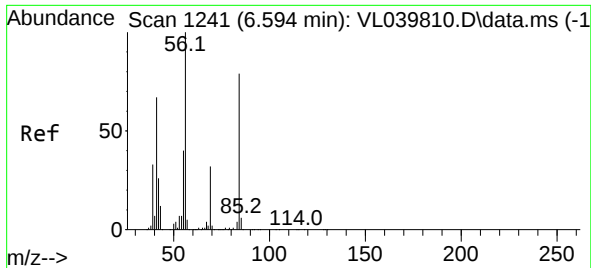
Tgt Ion: 41 Resp: 542560
 Ion Ratio Lower Upper
 41 100
 42 71.5 56.3 84.5



#10
 Heptane
 Concen: 9.521 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. -0.003 min
 Lab File: VL039824.D
 Acq: 3 Nov 2022 13:46

Tgt Ion: 43 Resp: 1503962
 Ion Ratio Lower Upper
 43 100
 57 49.7 40.5 60.7



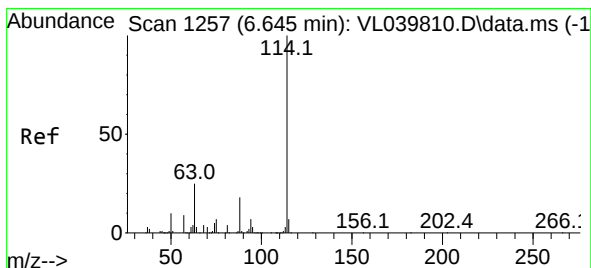
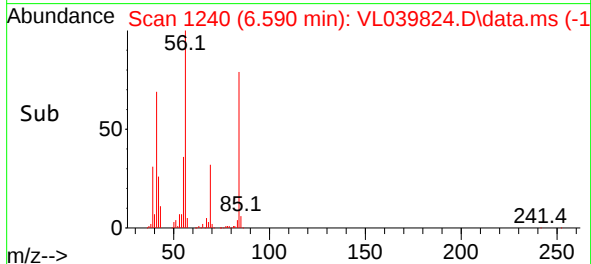
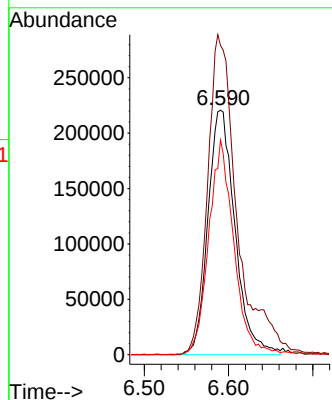
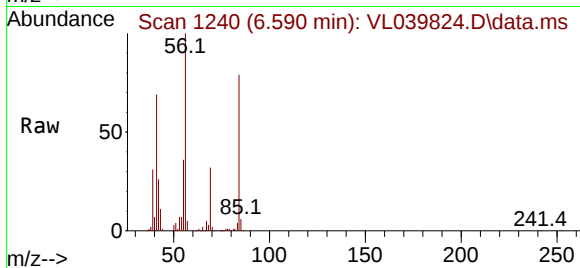


#30
Cyclohexane
Concen: 4.963 ppbv
RT: 6.590 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039824.D
Acq: 3 Nov 2022 13:46

Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL

Tgt Ion: 84 Resp: 492497

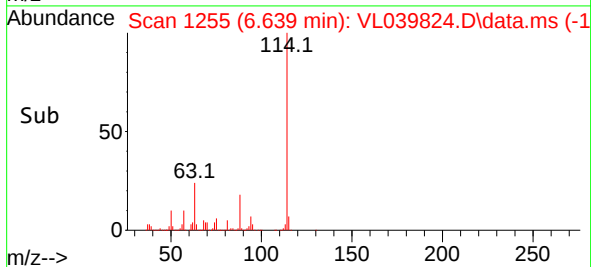
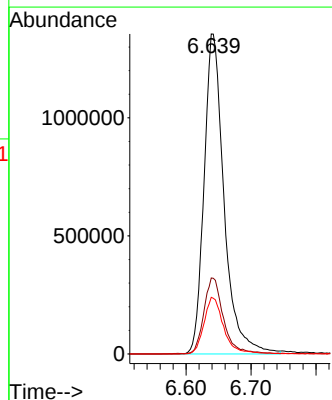
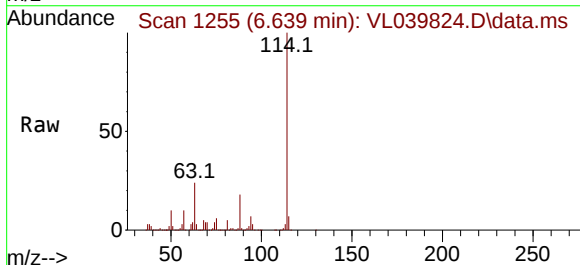
Ion	Ratio	Lower	Upper
84	100		
56	143.4	114.8	172.2
41	82.1	68.6	103.0

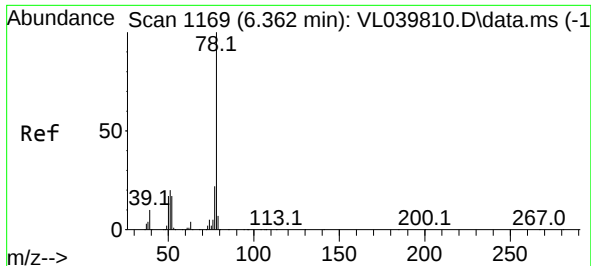


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.006 min
Lab File: VL039824.D
Acq: 3 Nov 2022 13:46

Tgt Ion: 114 Resp: 2907247

Ion	Ratio	Lower	Upper
114	100		
63	23.6	19.8	29.6
88	17.5	14.4	21.6





#36

Benzene

Concen: 9.419 ppbv

RT: 6.359 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VL039824.D

Acq: 3 Nov 2022 13:46

Instrument :

MSVOA_L

ClientSampleId :

E062-1100DL

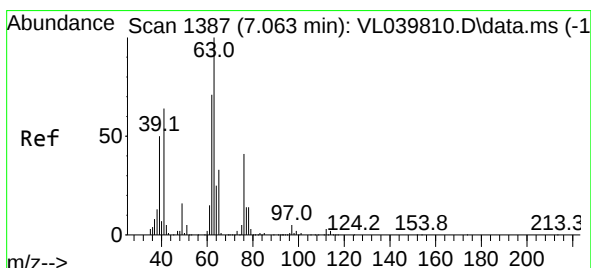
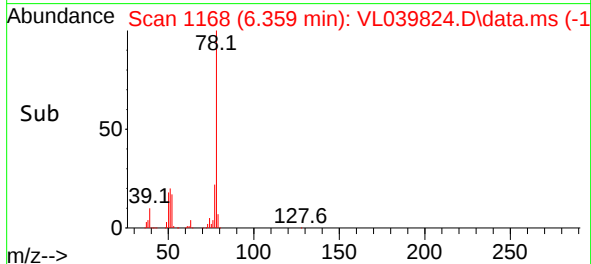
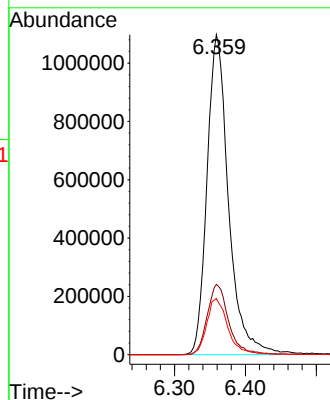
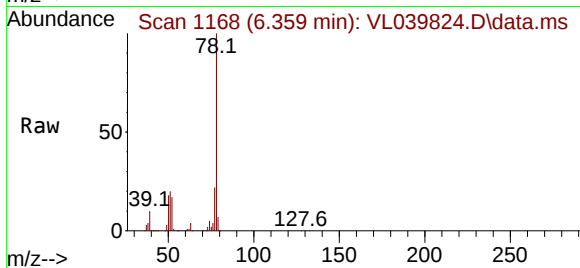
Tgt Ion: 78 Resp: 2309871

Ion Ratio Lower Upper

78 100

77 21.9 17.4 26.2

50 17.5 13.9 20.9



#39

1,2-Dichloropropane

Concen: 6.357 ppbv

RT: 7.060 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VL039824.D

Acq: 3 Nov 2022 13:46

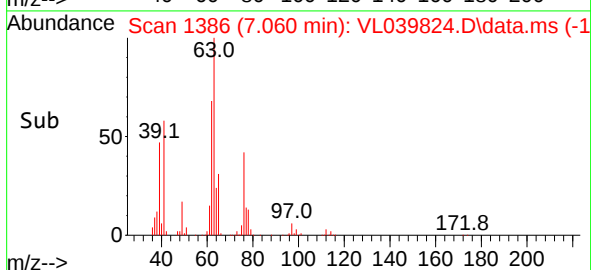
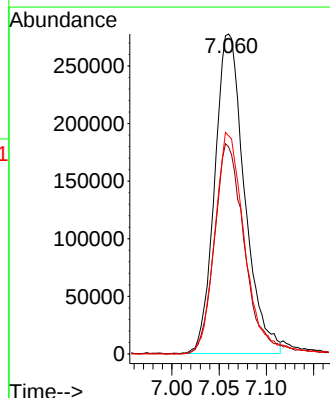
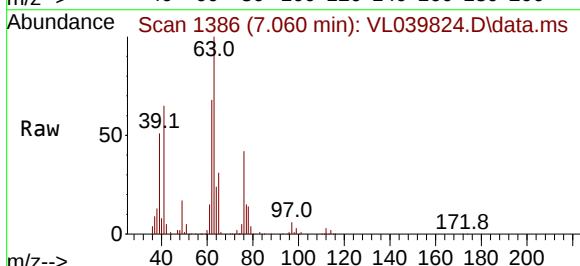
Tgt Ion: 63 Resp: 607387

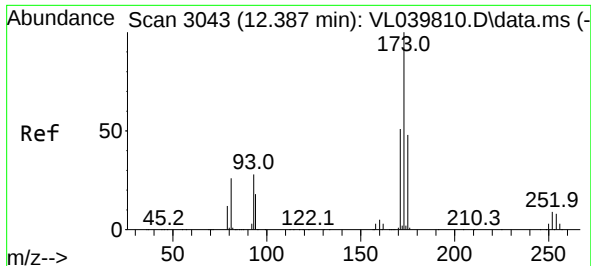
Ion Ratio Lower Upper

63 100

41 64.8 51.0 76.4

62 68.3 56.6 85.0

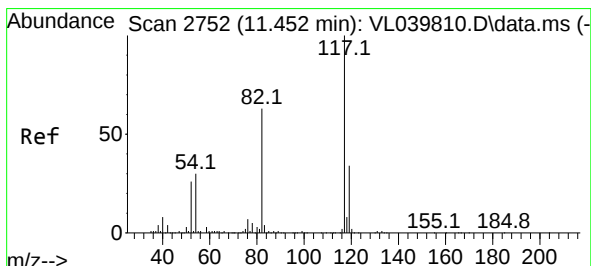
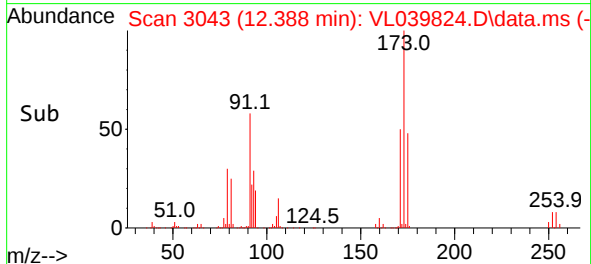
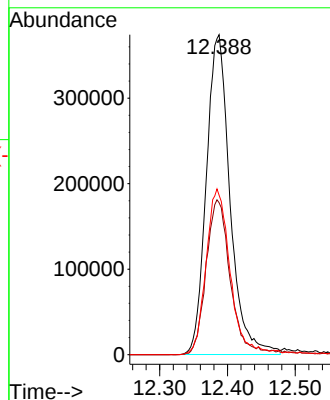
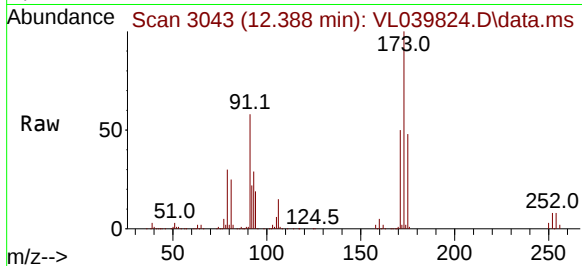




#49
Bromoform
Concen: 6.855 ppbv
RT: 12.388 min Scan# 3043
Delta R.T. 0.000 min
Lab File: VL039824.D
Acq: 3 Nov 2022 13:46

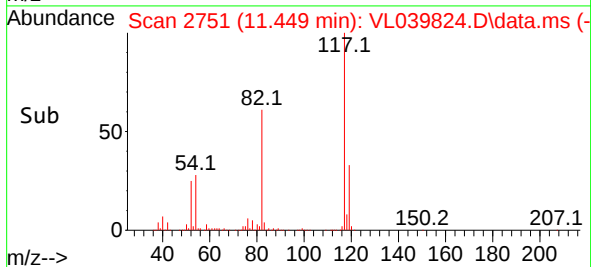
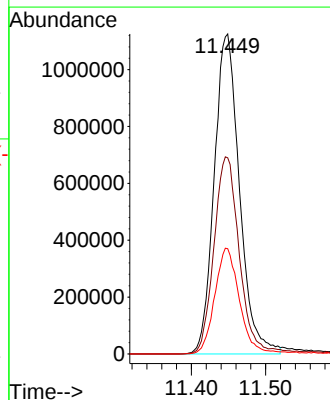
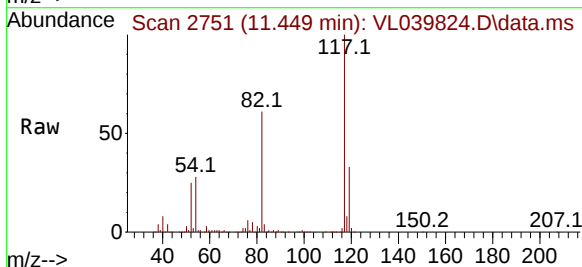
Instrument :
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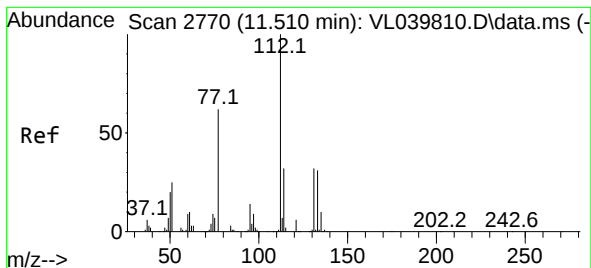
Tgt Ion:173 Resp: 908355
Ion Ratio Lower Upper
173 100
175 50.6 39.7 59.5
171 53.5 41.7 62.5



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 2751
Delta R.T. -0.003 min
Lab File: VL039824.D
Acq: 3 Nov 2022 13:46

Tgt Ion:117 Resp: 2662859
Ion Ratio Lower Upper
117 100
82 63.1 51.0 76.6
119 33.0 24.7 37.1





#57

Chlorobenzene

Concen: 4.430 ppbv

RT: 11.507 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL039824.D

Acq: 3 Nov 2022 13:46

Instrument :

MSVOA_L

ClientSampleId :

E062-1100DL

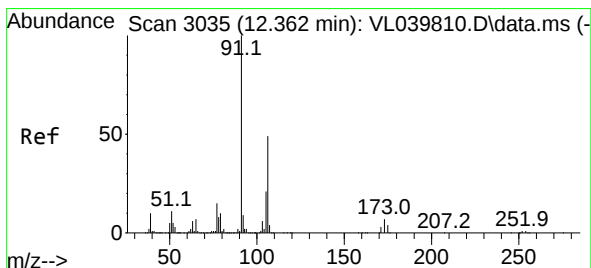
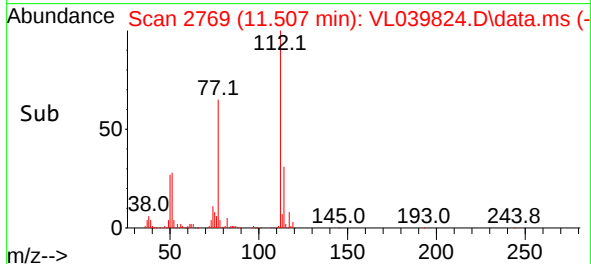
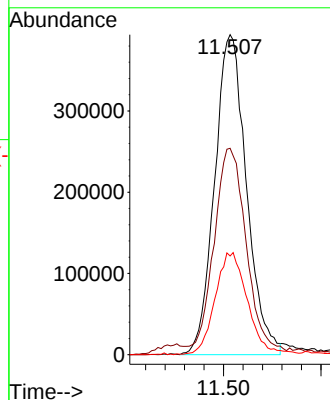
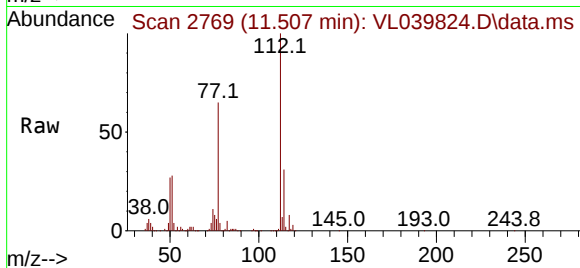
Tgt Ion:112 Resp: 894827

Ion Ratio Lower Upper

112 100

77 61.8 49.8 74.6

114 30.7 29.0 35.4



#59

m/p-Xylene

Concen: 6.476 ppbv

RT: 12.359 min Scan# 3034

Delta R.T. -0.003 min

Lab File: VL039824.D

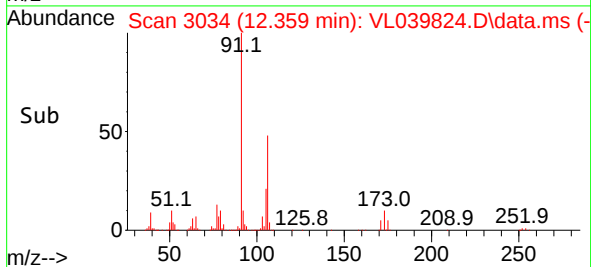
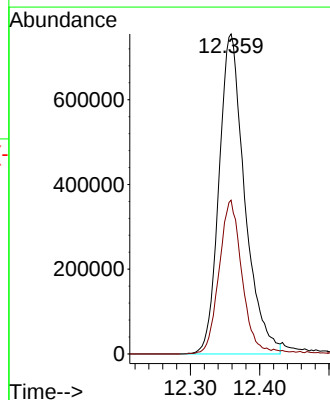
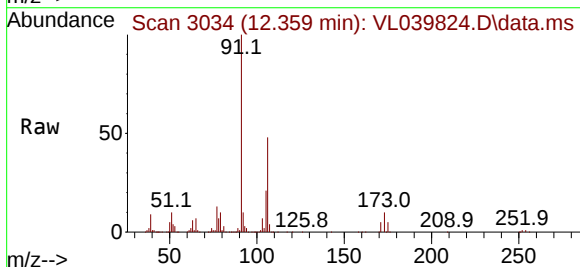
Acq: 3 Nov 2022 13:46

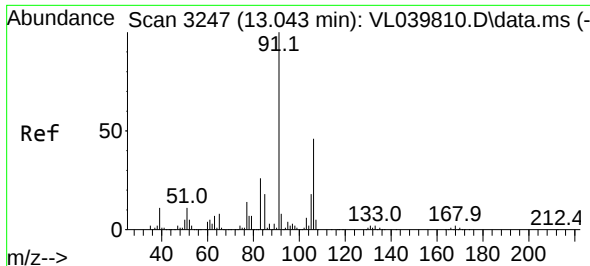
Tgt Ion: 91 Resp: 1946458

Ion Ratio Lower Upper

91 100

106 44.4 37.6 56.4

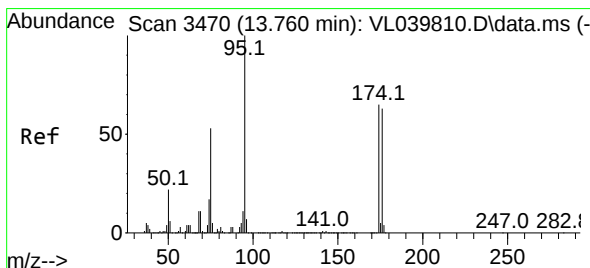
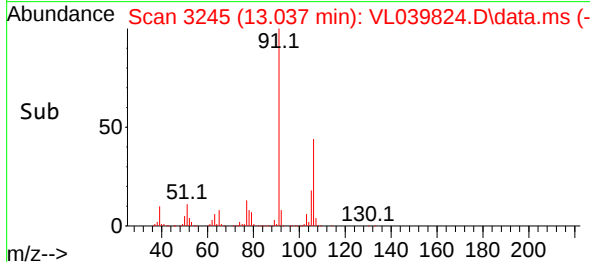
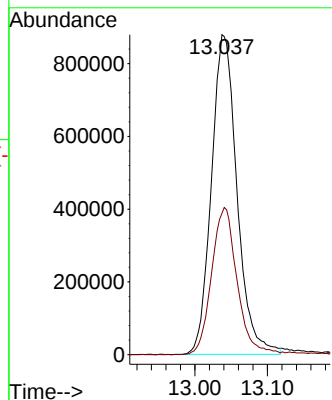
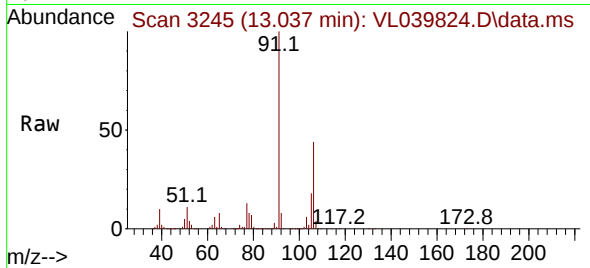




#60
o-Xylene
Concen: 7.571 ppbv
RT: 13.037 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039824.D
Acq: 3 Nov 2022 13:46

Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL

Tgt Ion: 91 Resp: 2155772
Ion Ratio Lower Upper
91 100
106 46.8 23.6 70.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.354 ppbv
RT: 13.754 min Scan# 3468
Delta R.T. -0.006 min
Lab File: VL039824.D
Acq: 3 Nov 2022 13:46

Tgt Ion: 95 Resp: 2063791
Ion Ratio Lower Upper
95 100
174 64.8 53.4 80.0
175 4.5 4.1 6.1

