

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110322\
 Data File : VL039823.D
 Acq On : 3 Nov 2022 13:06
 Operator : SY/AP
 Sample : N5409-01DL 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 E062-1100DL

Quant Time: Nov 04 08:43:43 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)

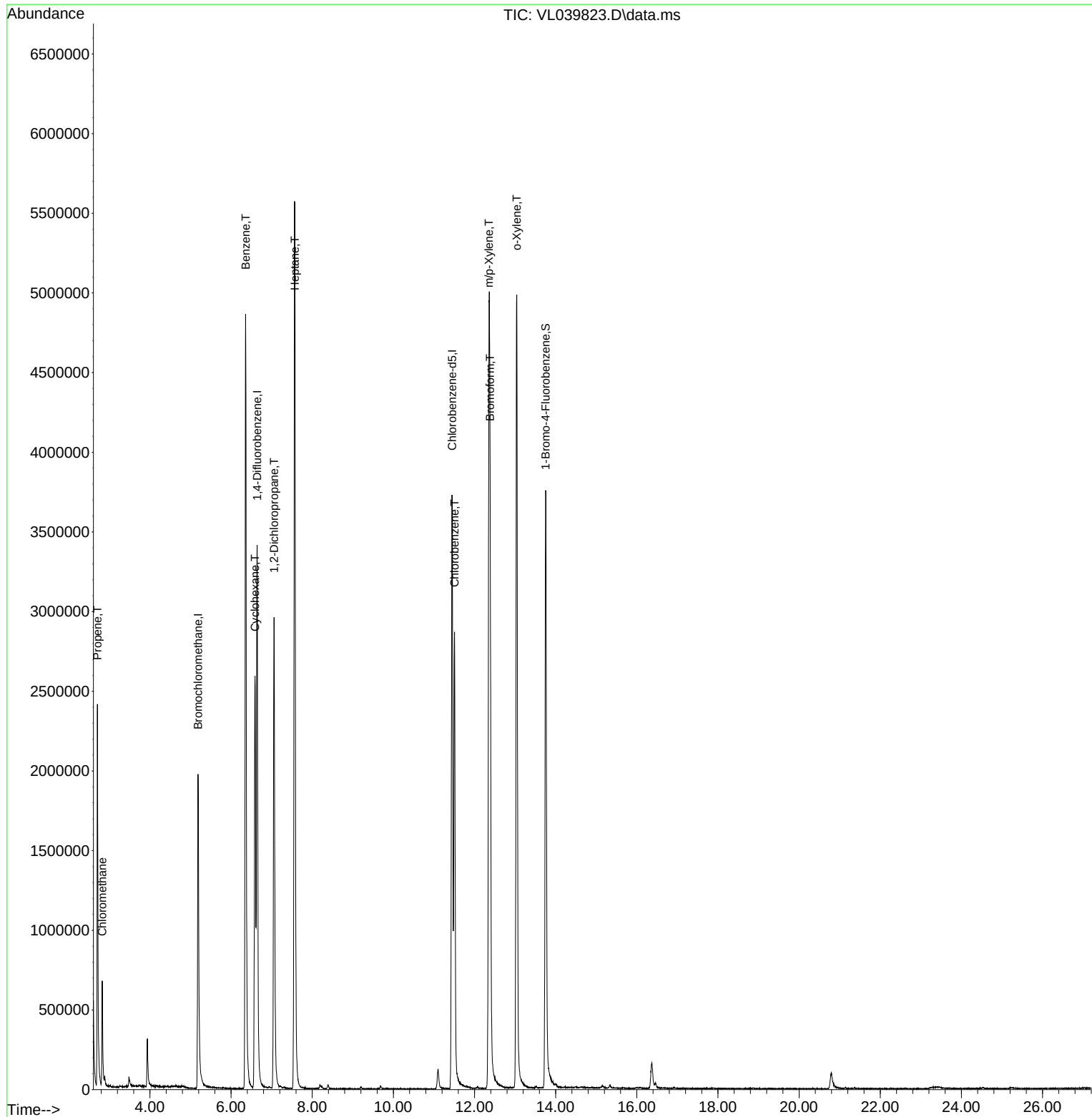
Internal Standards						
1) Bromochloromethane	5.185	49	1000917	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2871514	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.446	117	2653824	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2091092	10.527	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.300%
Target Compounds						
					Qvalue	
4) Chloromethane	2.825	50	611400	8.229	ppbv	99
9) Propene	2.706	41	1126113	18.113	ppbv	98
10) Heptane	7.568	43	2982493	20.025	ppbv	99
30) Cyclohexane	6.590	84	1030379	11.012	ppbv	93
36) Benzene	6.359	78	4578897	18.904	ppbv	97
39) 1,2-Dichloropropane	7.060	63	1256862	13.318	ppbv	99
49) Bromoform	12.384	173	1904232	14.549	ppbv	99
57) Chlorobenzene	11.507	112	1922713	9.552	ppbv	99
59) m/p-Xylene	12.355	91	3935064	13.138	ppbv	96
60) o-Xylene	13.040	91	4313223	15.199	ppbv	99

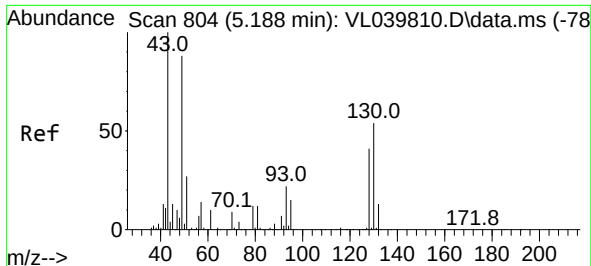
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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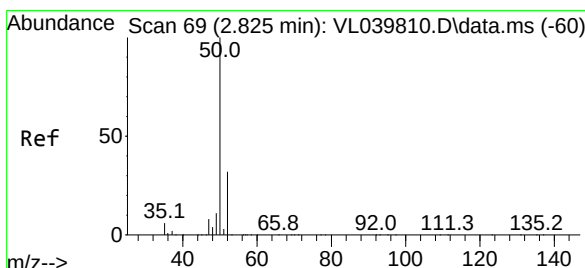
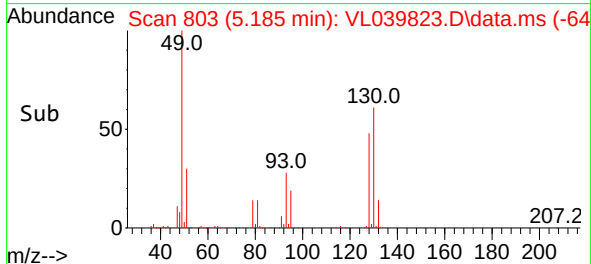
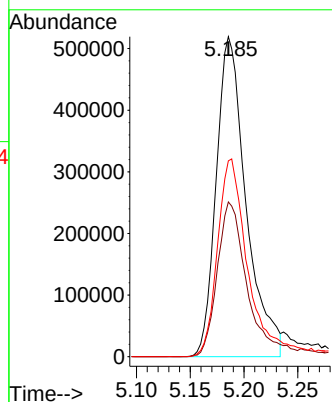
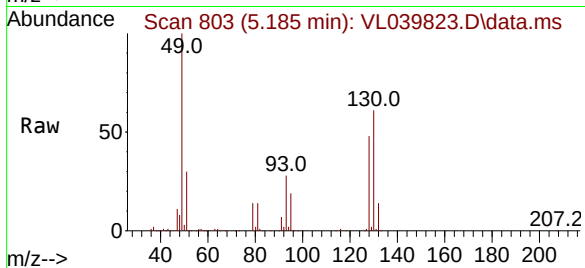




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.185 min Scan# 804
 Delta R.T. -0.003 min
 Lab File: VL039823.D
 Acq: 3 Nov 2022 13:06

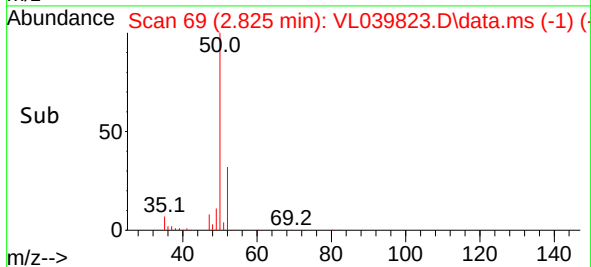
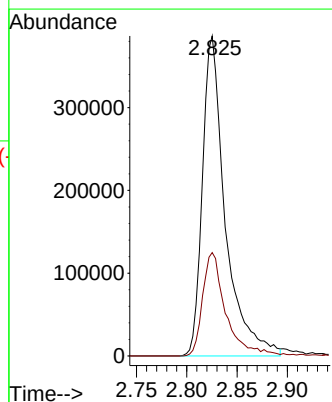
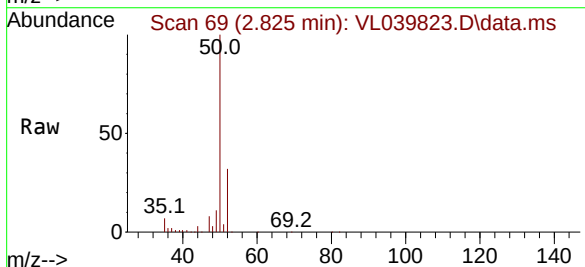
Instrument :
 MSVOA_L
 ClientSampleId :
 E062-1100DL

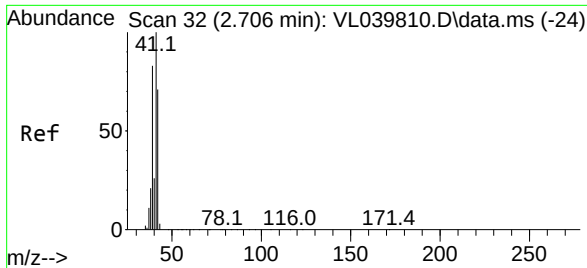
Tgt Ion: 49 Resp: 1000917
 Ion Ratio Lower Upper
 49 100
 128 51.8 24.6 73.6
 130 67.4 31.1 93.2



#4
 Chloromethane
 Concen: 8.229 ppbv
 RT: 2.825 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VL039823.D
 Acq: 3 Nov 2022 13:06

Tgt Ion: 50 Resp: 611400
 Ion Ratio Lower Upper
 50 100
 52 32.3 25.5 38.3





#9

Propene

Concen: 18.113 ppbv

RT: 2.706 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL039823.D

Acq: 3 Nov 2022 13:06

Instrument :

MSVOA_L

ClientSampleId :

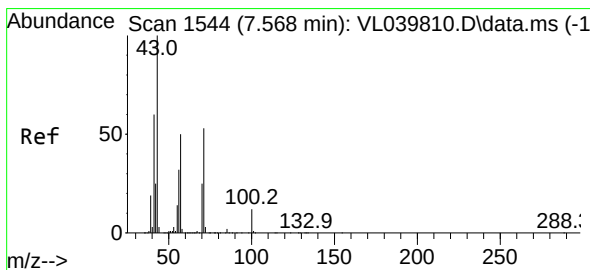
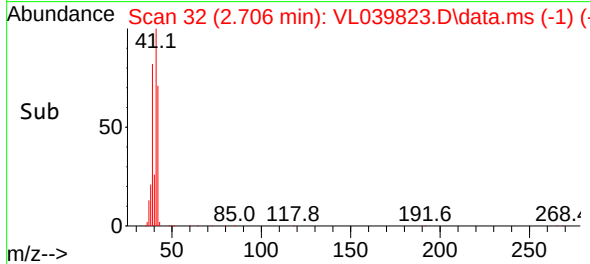
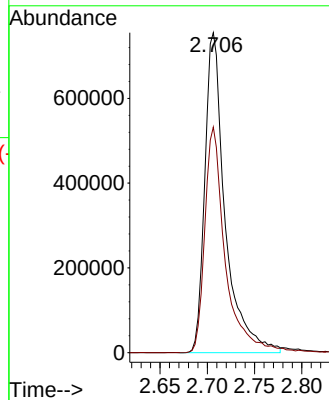
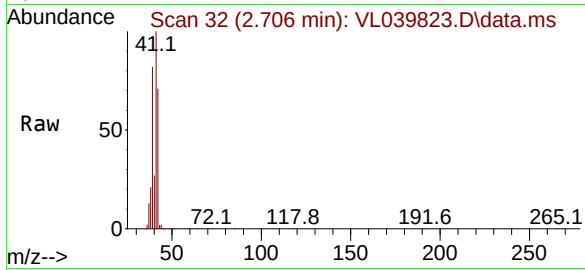
E062-1100DL

Tgt Ion: 41 Resp: 1126113

Ion Ratio Lower Upper

41 100

42 71.8 56.3 84.5



#10

Heptane

Concen: 20.025 ppbv

RT: 7.568 min Scan# 1544

Delta R.T. 0.000 min

Lab File: VL039823.D

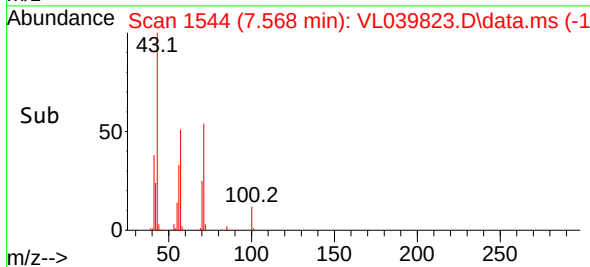
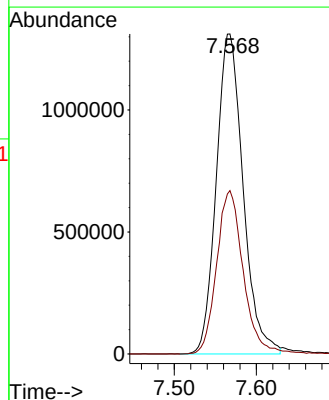
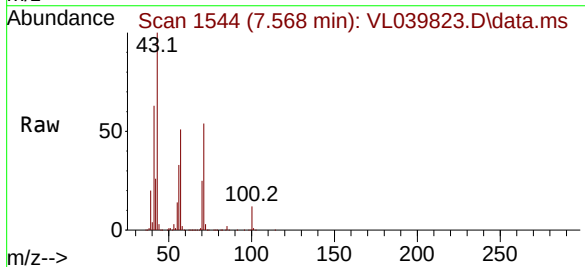
Acq: 3 Nov 2022 13:06

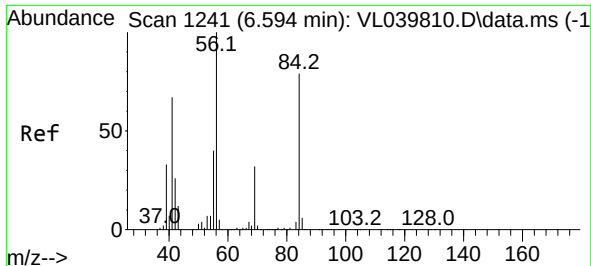
Tgt Ion: 43 Resp: 2982493

Ion Ratio Lower Upper

43 100

57 50.9 40.5 60.7



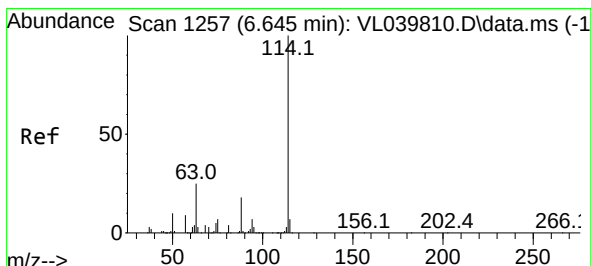
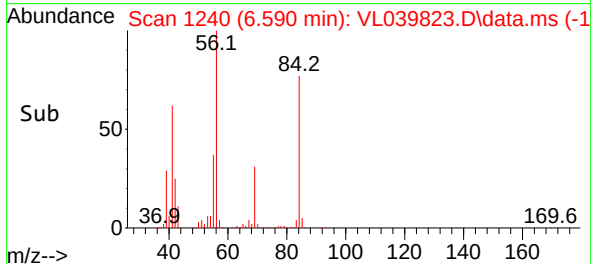
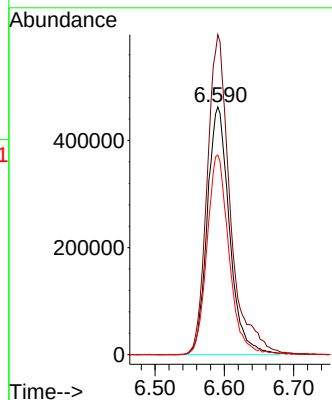
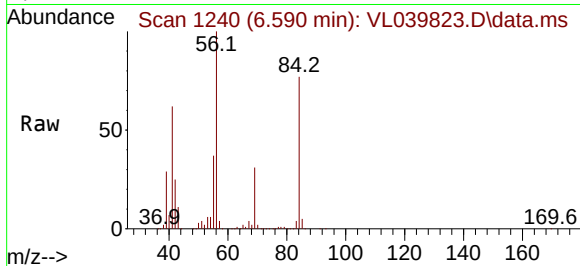


#30
Cyclohexane
Concen: 11.012 ppbv
RT: 6.590 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039823.D
Acq: 3 Nov 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL

Tgt Ion: 84 Resp: 1030379

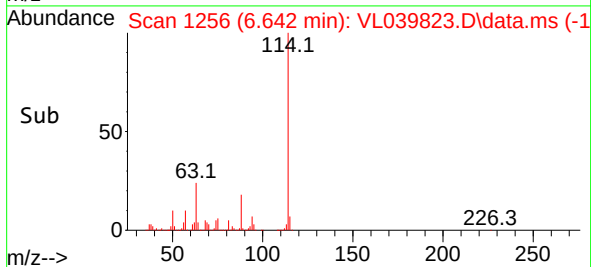
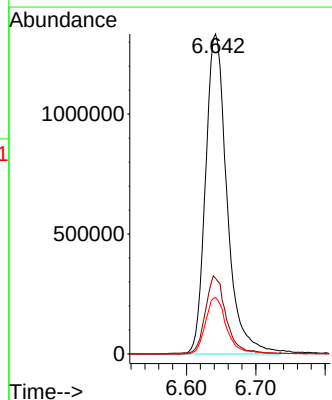
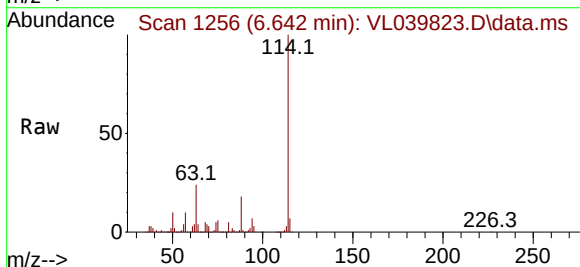
Ion	Ratio	Lower	Upper
84	100		
56	133.9	114.8	172.2
41	80.3	68.6	103.0

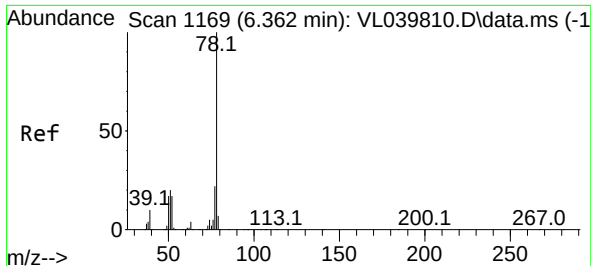


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.003 min
Lab File: VL039823.D
Acq: 3 Nov 2022 13:06

Tgt Ion: 114 Resp: 2871514

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.8	29.6
88	17.6	14.4	21.6





#36

Benzene

Concen: 18.904 ppbv

RT: 6.359 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VL039823.D

Acq: 3 Nov 2022 13:06

Instrument :

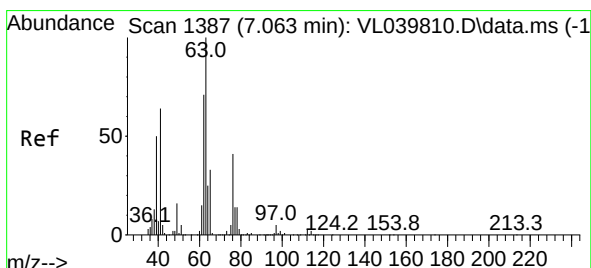
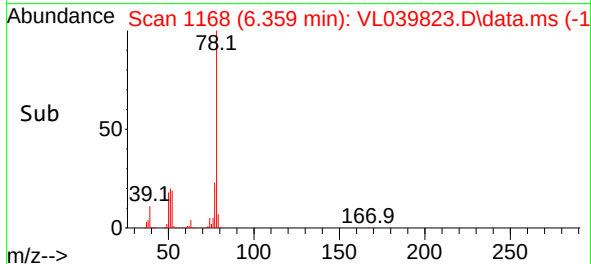
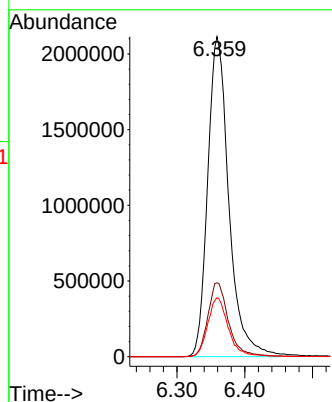
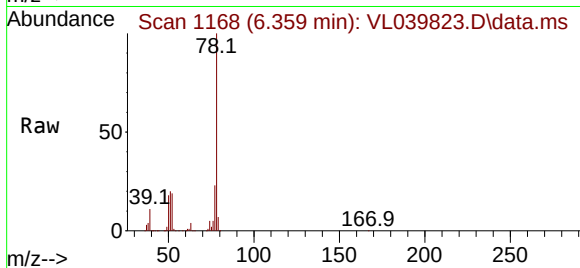
MSVOA_L

ClientSampleId :

E062-1100DL

Tgt Ion: 78 Resp: 4578897

Ion	Ratio	Lower	Upper
78	100		
77	23.1	17.4	26.2
50	18.4	13.9	20.9



#39

1,2-Dichloropropane

Concen: 13.318 ppbv

RT: 7.060 min Scan# 1386

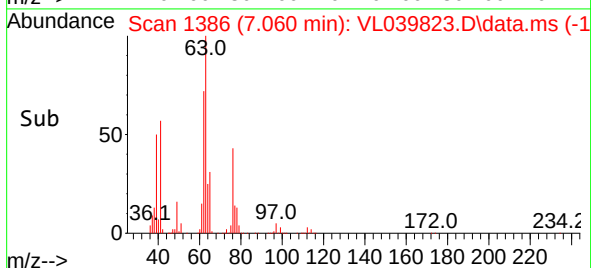
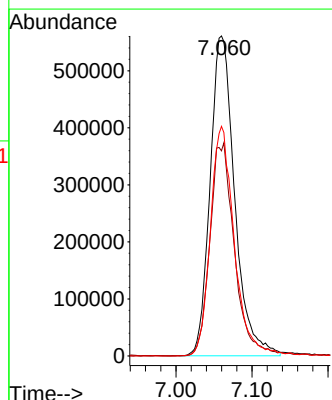
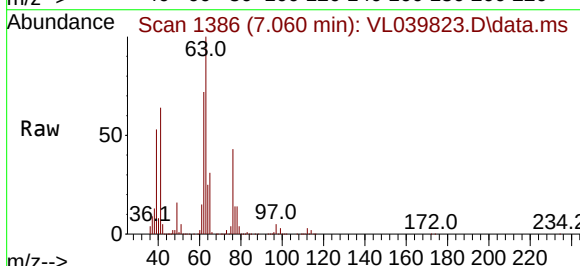
Delta R.T. -0.003 min

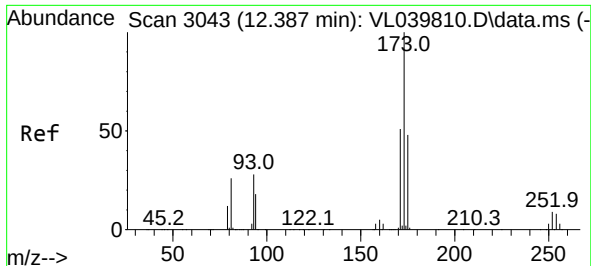
Lab File: VL039823.D

Acq: 3 Nov 2022 13:06

Tgt Ion: 63 Resp: 1256862

Ion	Ratio	Lower	Upper
63	100		
41	64.0	51.0	76.4
62	71.8	56.6	85.0

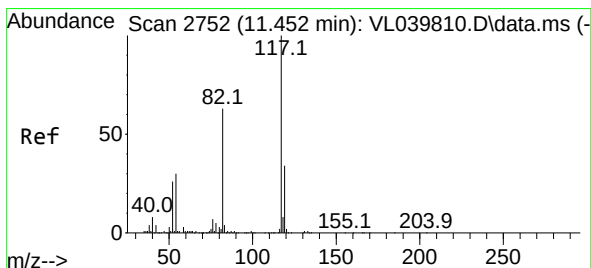
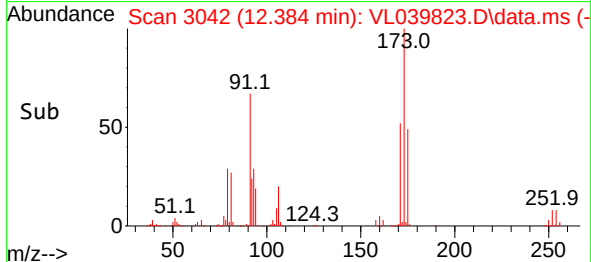
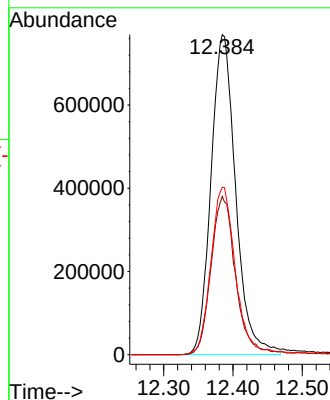
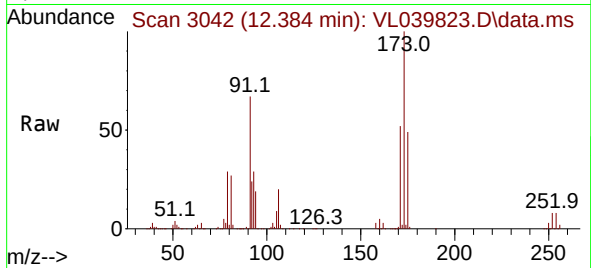




#49
Bromoform
Concen: 14.549 ppbv
RT: 12.384 min Scan# 3043
Delta R.T. -0.003 min
Lab File: VL039823.D
Acq: 3 Nov 2022 13:06

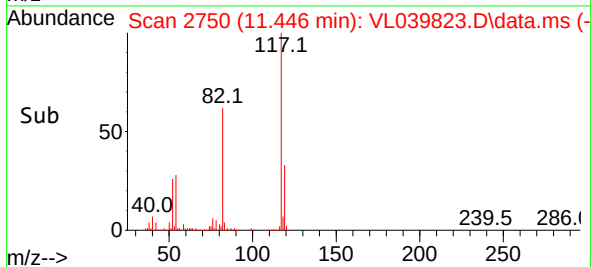
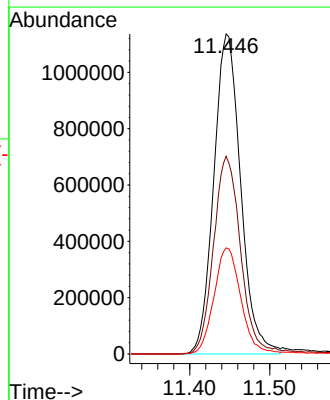
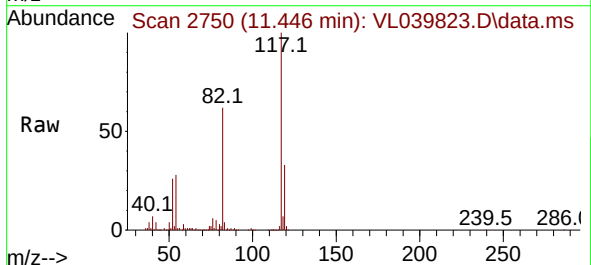
Instrument :
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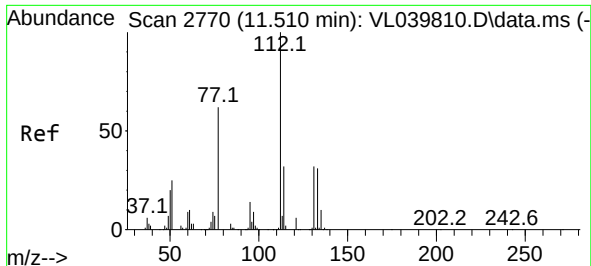
Tgt Ion:173 Resp: 1904232
Ion Ratio Lower Upper
173 100
175 49.8 39.7 59.5
171 53.5 41.7 62.5



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 2750
Delta R.T. -0.006 min
Lab File: VL039823.D
Acq: 3 Nov 2022 13:06

Tgt Ion:117 Resp: 2653824
Ion Ratio Lower Upper
117 100
82 63.9 51.0 76.6
119 33.8 24.7 37.1

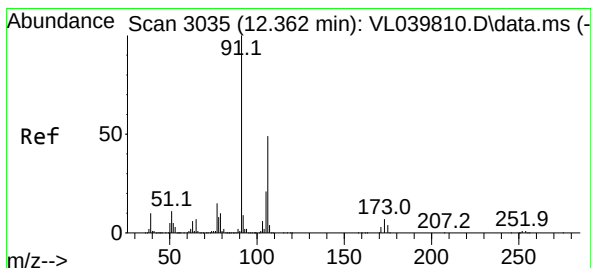
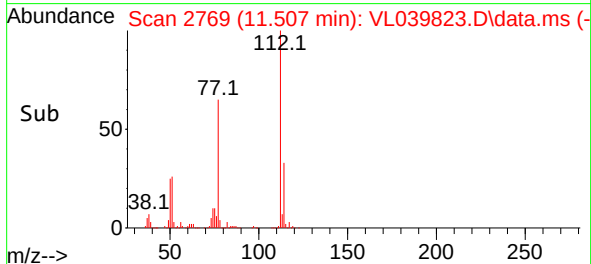
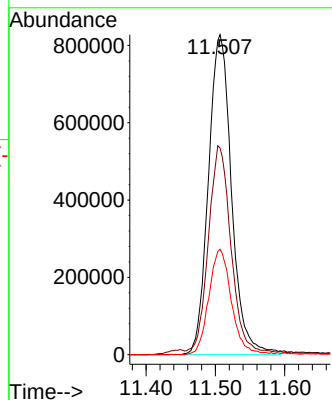
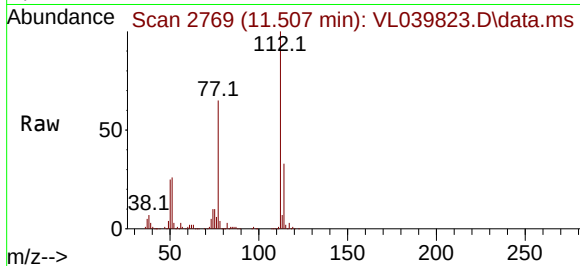




#57
Chlorobenzene
Concen: 9.552 ppbv
RT: 11.507 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039823.D
Acq: 3 Nov 2022 13:06

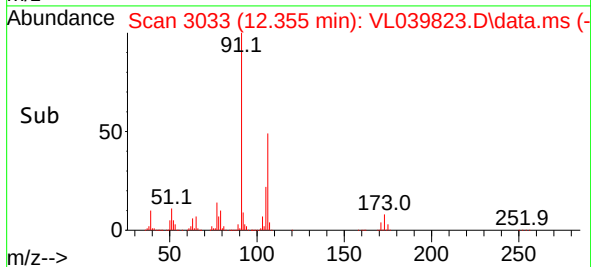
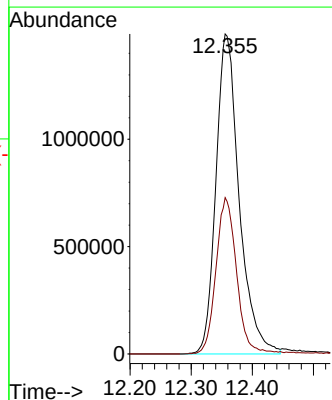
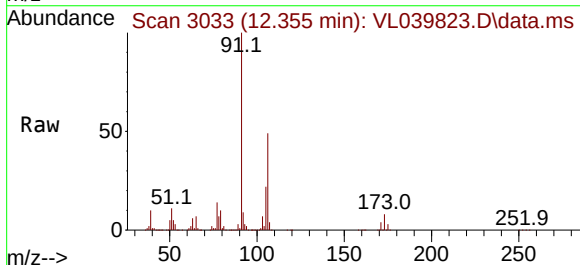
Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL

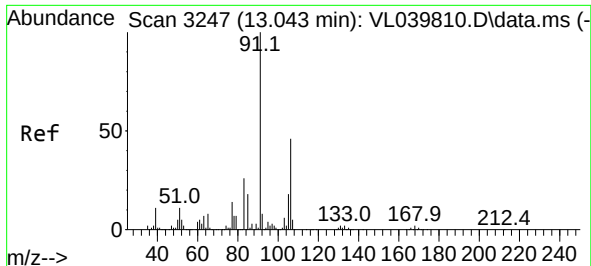
Tgt Ion:112 Resp: 1922713
Ion Ratio Lower Upper
112 100
77 63.4 49.8 74.6
114 32.9 29.0 35.4



#59
m/p-Xylene
Concen: 13.138 ppbv
RT: 12.355 min Scan# 3033
Delta R.T. -0.006 min
Lab File: VL039823.D
Acq: 3 Nov 2022 13:06

Tgt Ion: 91 Resp: 3935064
Ion Ratio Lower Upper
91 100
106 44.3 37.6 56.4

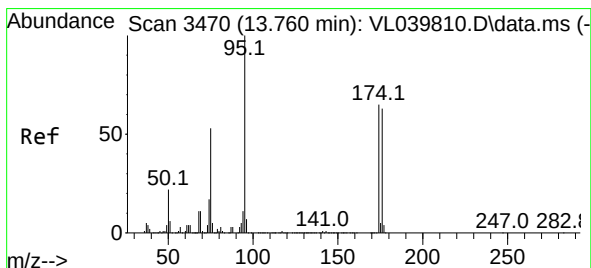
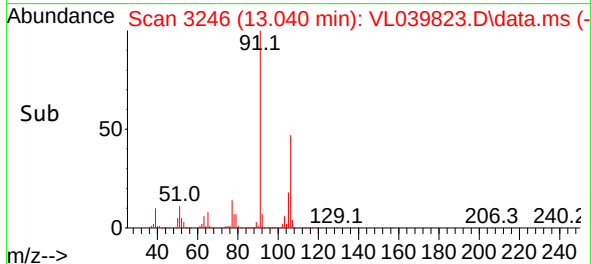
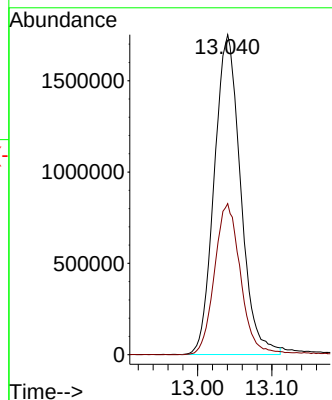
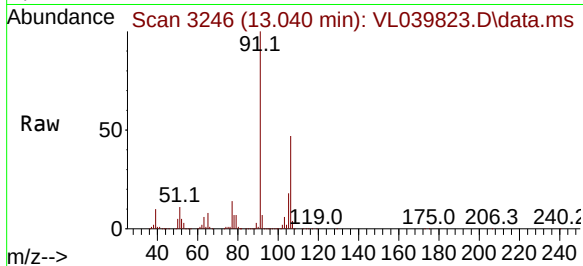




#60
o-Xylene
Concen: 15.199 ppbv
RT: 13.040 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039823.D
Acq: 3 Nov 2022 13:06

Instrument :
MSVOA_L
ClientSampleId :
E062-1100DL

Tgt Ion: 91 Resp: 4313223
Ion Ratio Lower Upper
91 100
106 47.7 23.6 70.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.527 ppbv
RT: 13.751 min Scan# 3467
Delta R.T. -0.010 min
Lab File: VL039823.D
Acq: 3 Nov 2022 13:06

Tgt Ion: 95 Resp: 2091092
Ion Ratio Lower Upper
95 100
174 64.7 53.4 80.0
175 4.6 4.1 6.1

