

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040085.D
 Acq On : 9 Jan 2023 23:14
 Operator : SY/MD
 Sample : QC122822 CAN 10269
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122822 CAN 10269

Quant Time: Jan 11 01:09:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 10 00:22:08 2023
 Response via : Initial Calibration

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

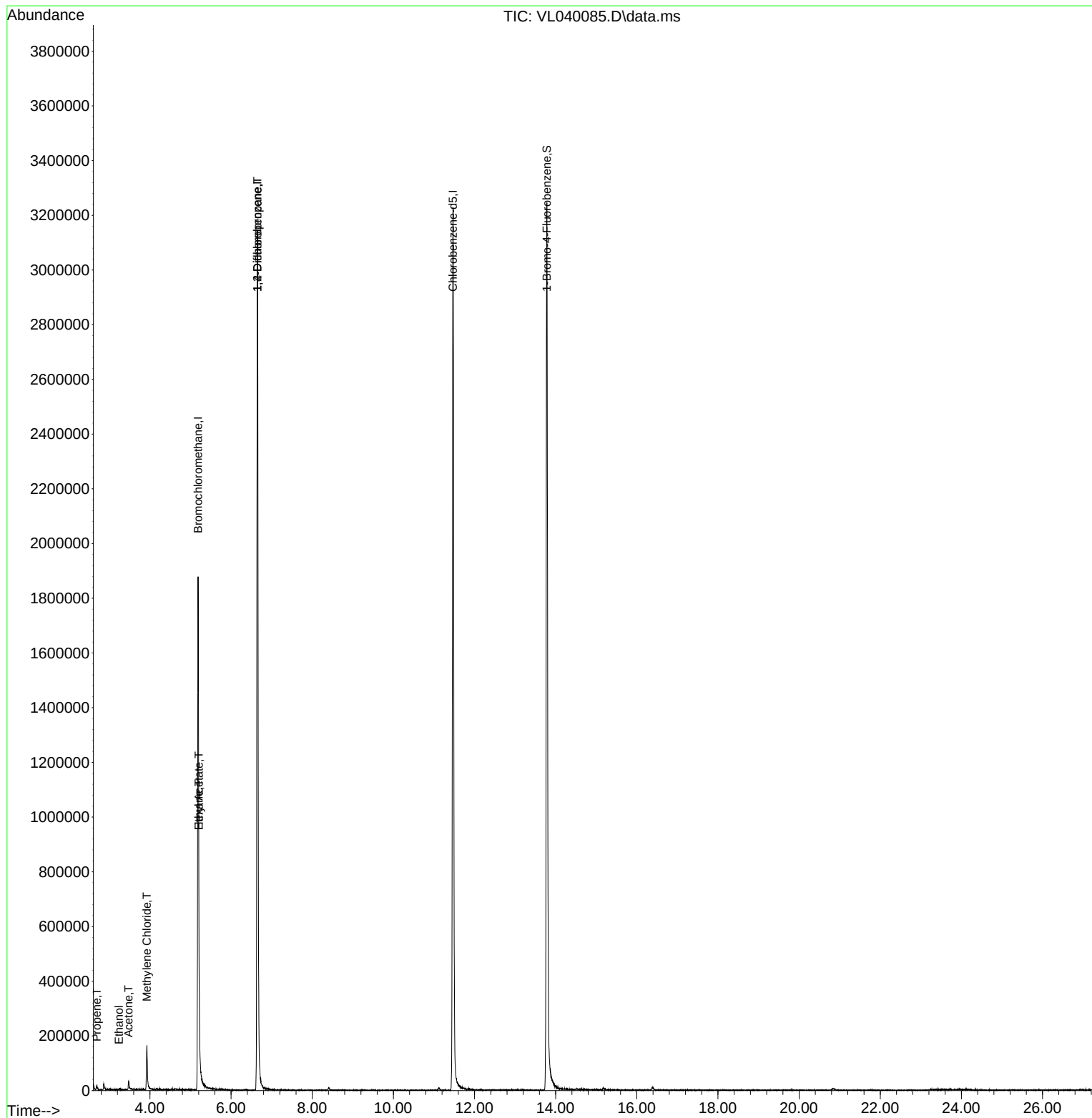
Internal Standards						
1) Bromochloromethane	5.185	49	919631	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2312160	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1994022	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1612813	10.588	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.900%
Target Compounds						
					Qvalue	
9) Propene	2.687	41	3029	0.053	ppbv	85
13) Ethanol	3.237	45	725	0.134	ppbv #	40
15) Acetone	3.472	43	11369	0.080	ppbv #	48
20) Methylene Chloride	3.925	84	52942	0.876	ppbv	97
25) Ethyl Acetate	5.205	43	26817	0.109	ppbv #	74
26) Hexane	5.205	57	38669	0.373	ppbv #	35
39) 1,2-Dichloropropane	6.648	63	598332	7.730	ppbv #	24

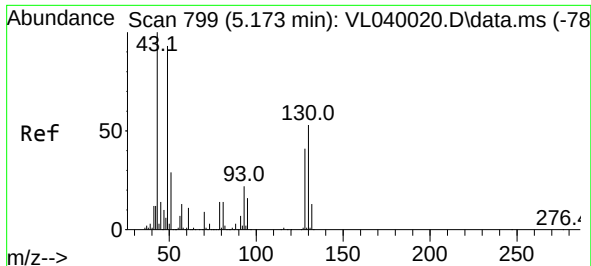
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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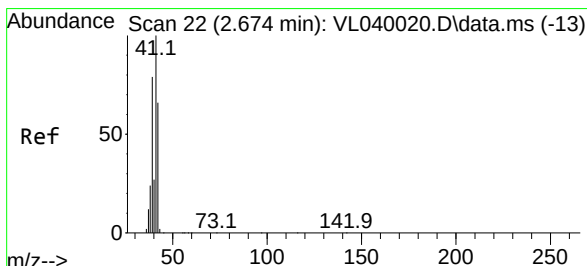
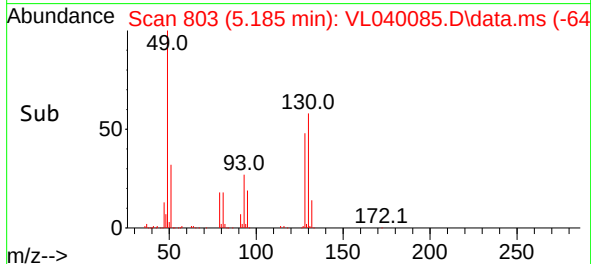
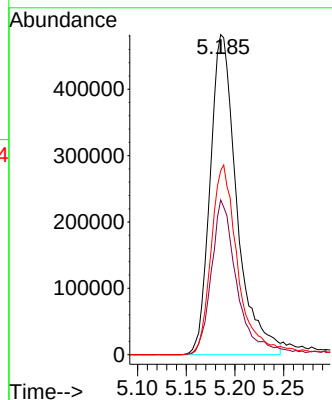
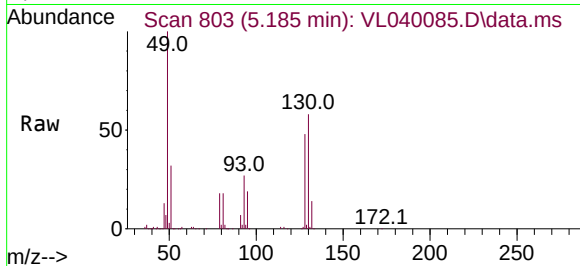




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL040085.D
Acq: 9 Jan 2023 23:14

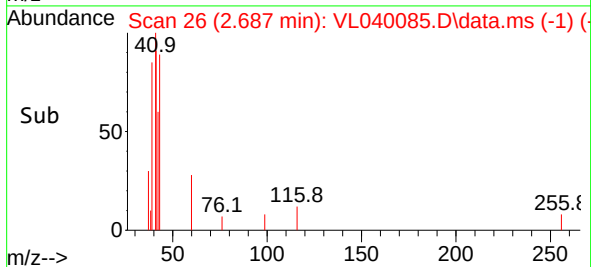
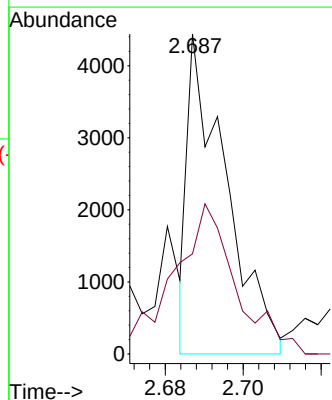
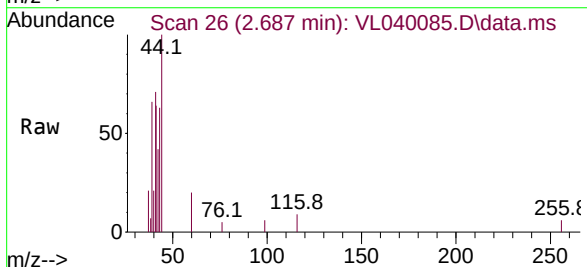
Instrument :
MSVOA_L
ClientSampleId :
QC122822 CAN 10269

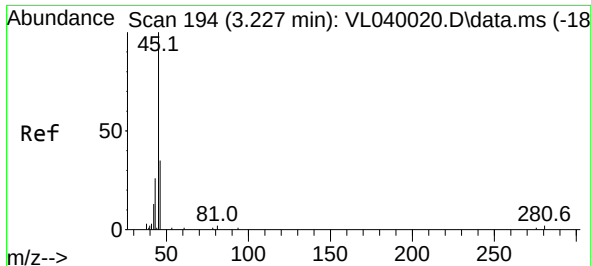
Tgt Ion: 49 Resp: 919631
Ion Ratio Lower Upper
49 100
128 48.4 22.4 67.3
130 61.6 28.9 86.8



#9
Propene
Concen: 0.053 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.010 min
Lab File: VL040085.D
Acq: 9 Jan 2023 23:14

Tgt Ion: 41 Resp: 3029
Ion Ratio Lower Upper
41 100
42 80.9 54.8 82.2

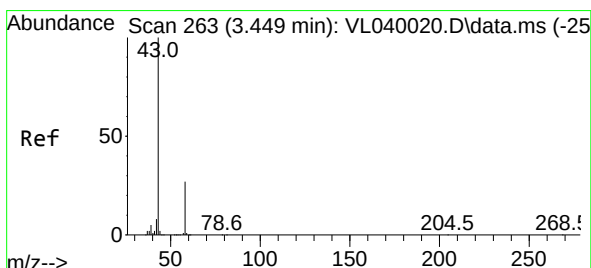
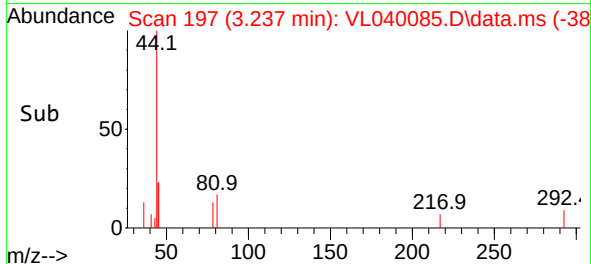
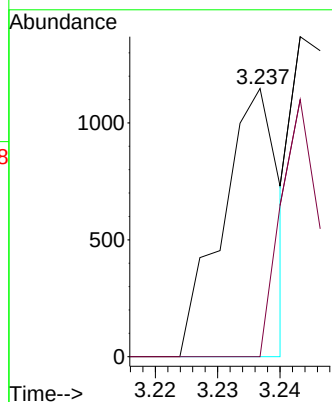
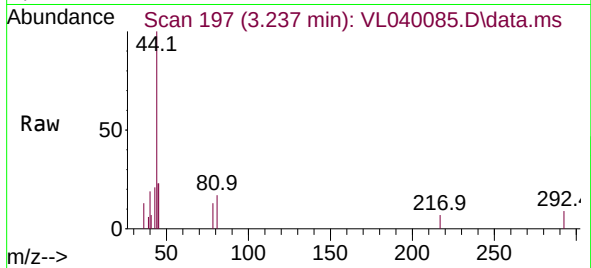




#13
Ethanol
Concen: 0.134 ppbv
RT: 3.237 min Scan# 194
Delta R.T. 0.010 min
Lab File: VL040085.D
Acq: 9 Jan 2023 23:14

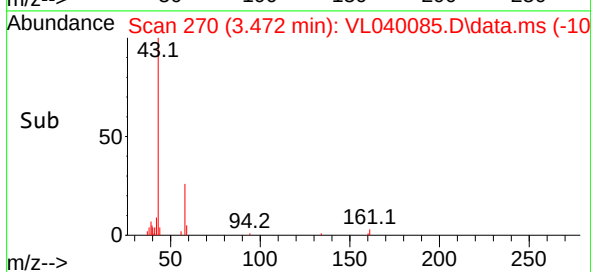
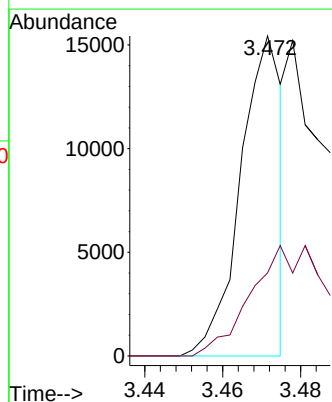
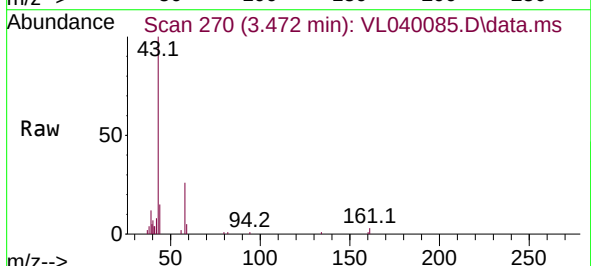
Instrument :
MSVOA_L
ClientSampleId :
QC122822 CAN 10269

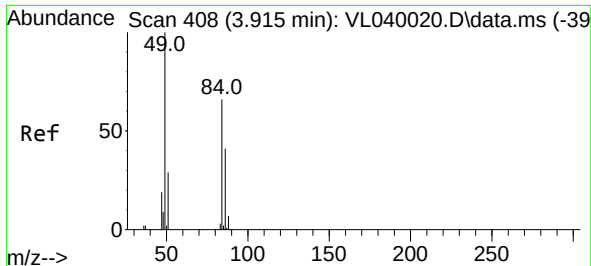
Tgt Ion: 45 Resp: 725
Ion Ratio Lower Upper
45 100
46 0.0 13.7 54.7#



#15
Acetone
Concen: 0.080 ppbv
RT: 3.472 min Scan# 270
Delta R.T. 0.016 min
Lab File: VL040085.D
Acq: 9 Jan 2023 23:14

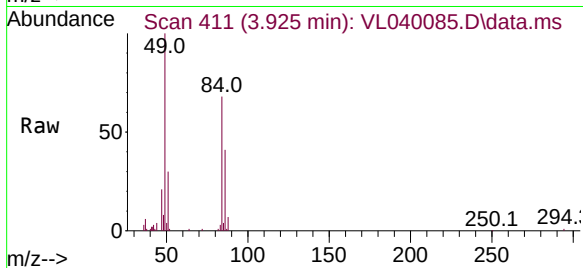
Tgt Ion: 43 Resp: 11369
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.8#



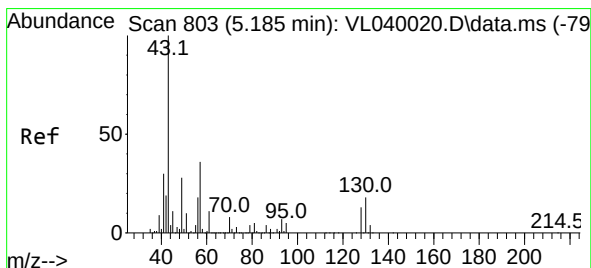
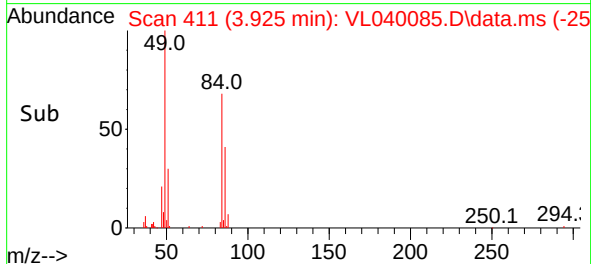
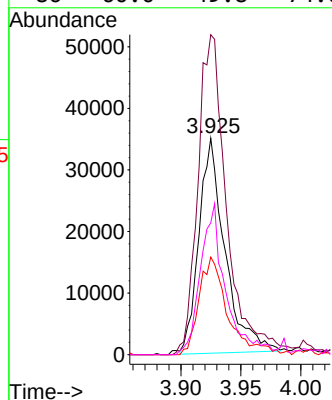


#20
Methylene Chloride
Concen: 0.876 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040085.D
Acq: 9 Jan 2023 23:14

Instrument :
MSVOA_L
ClientSampleId :
QC122822 CAN 10269

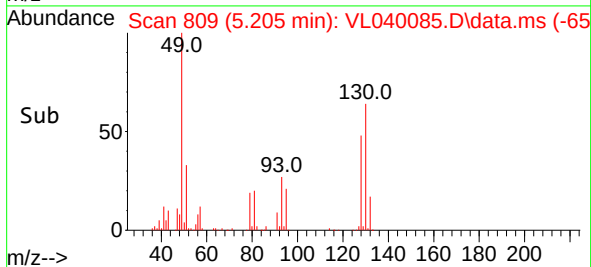
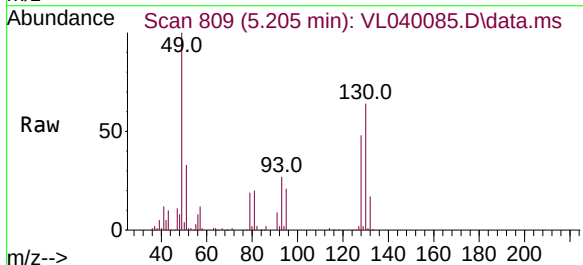
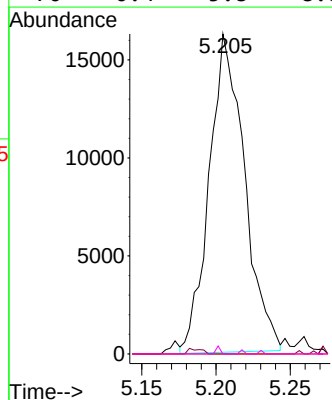


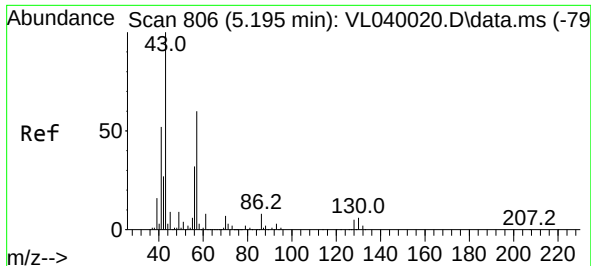
Tgt Ion:	84	Resp:	52942
Ion	Ratio	Lower	Upper
84	100		
49	146.3	120.5	180.7
51	45.8	35.2	52.8
86	60.0	49.8	74.6



#25
Ethyl Acetate
Concen: 0.109 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.006 min
Lab File: VL040085.D
Acq: 9 Jan 2023 23:14

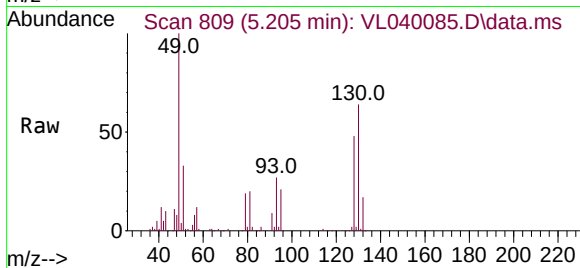
Tgt Ion:	43	Resp:	26817
Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.6	12.8#
61	0.0	8.5	12.7#
70	0.4	5.8	8.8#



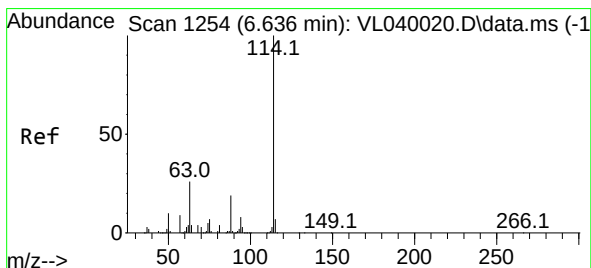
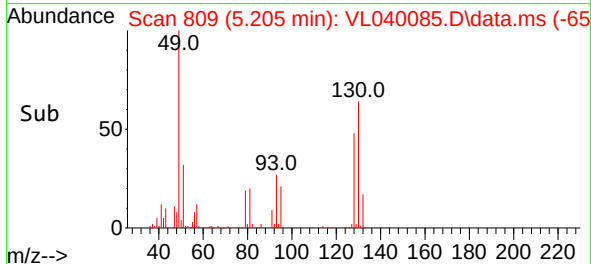
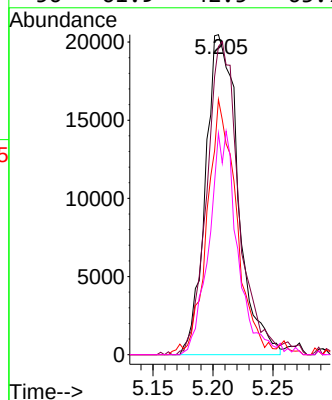


#26
Hexane
Concen: 0.373 ppbv
RT: 5.205 min Scan# 806
Delta R.T. -0.003 min
Lab File: VL040085.D
Acq: 9 Jan 2023 23:14

Instrument :
MSVOA_L
ClientSampleId :
QC122822 CAN 10269

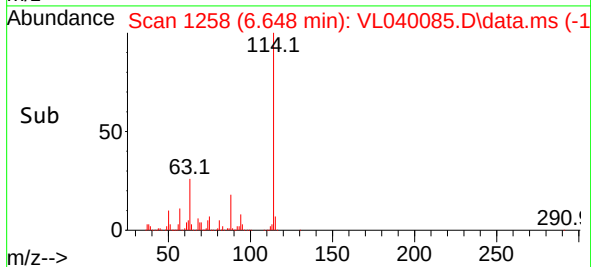
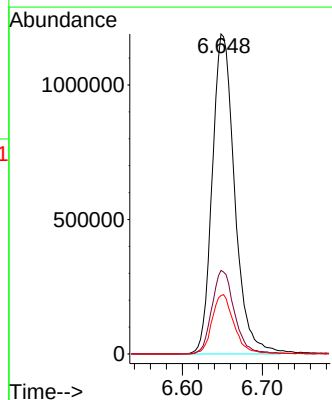
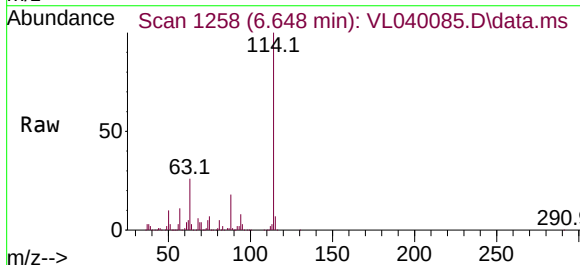


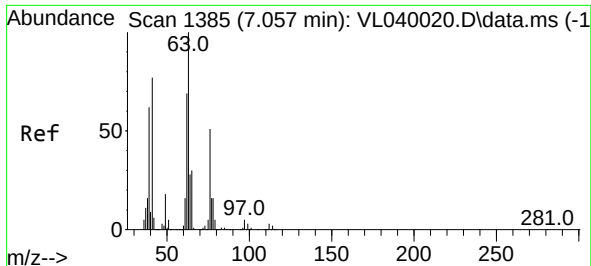
Tgt Ion: 57 Resp: 38669
Ion Ratio Lower Upper
57 100
41 97.5 72.1 108.1
43 73.3 192.1 288.1#
56 61.9 42.5 63.7



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VL040085.D
Acq: 9 Jan 2023 23:14

Tgt Ion: 114 Resp: 2312160
Ion Ratio Lower Upper
114 100
63 26.5 20.2 30.2
88 18.4 14.6 21.8





#39

1,2-Dichloropropane

Concen: 7.730 ppbv

RT: 6.648 min Scan# 1

Delta R.T. -0.428 min

Lab File: VL040085.D

Acq: 9 Jan 2023 23:14

Instrument :

MSVOA_L

ClientSampleId :

QC122822 CAN 10269

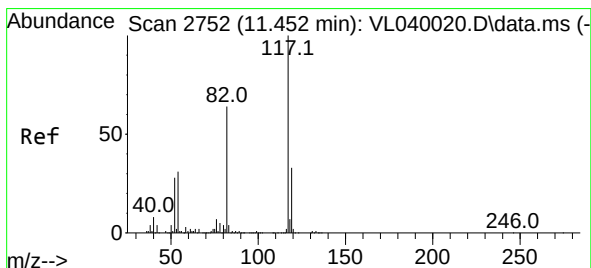
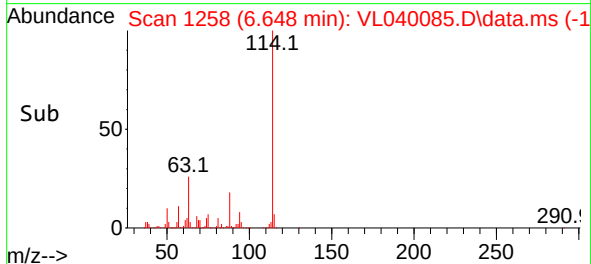
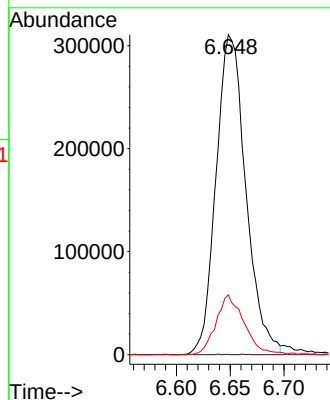
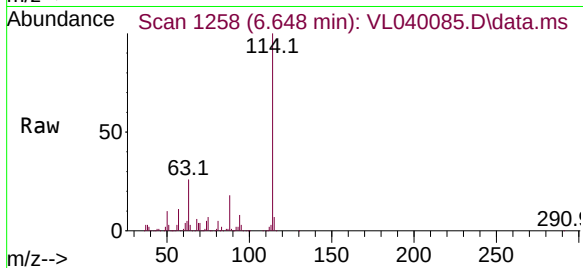
Tgt Ion: 63 Resp: 598332

Ion Ratio Lower Upper

63 100

41 0.1 61.4 92.0#

62 18.7 55.4 83.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 2757

Delta R.T. -0.006 min

Lab File: VL040085.D

Acq: 9 Jan 2023 23:14

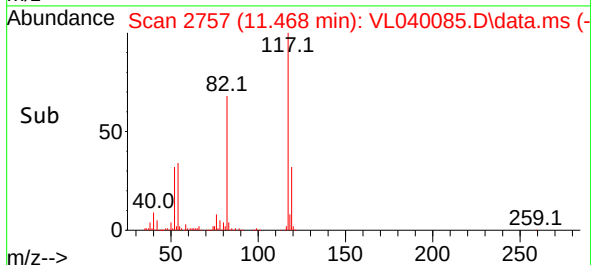
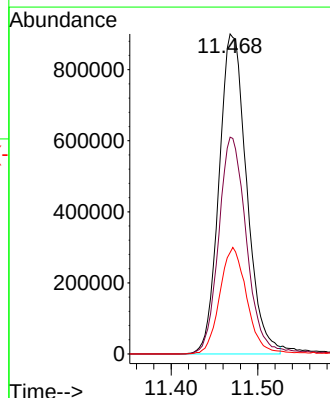
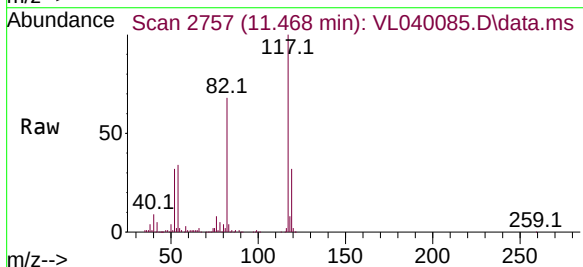
Tgt Ion: 117 Resp: 1994022

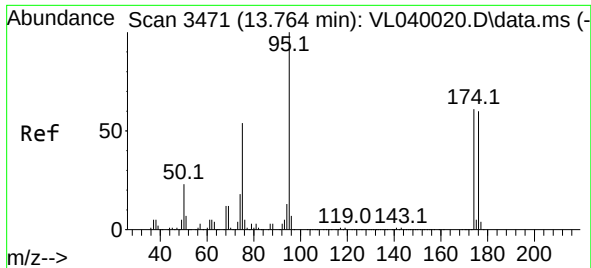
Ion Ratio Lower Upper

117 100

82 69.1 51.2 76.8

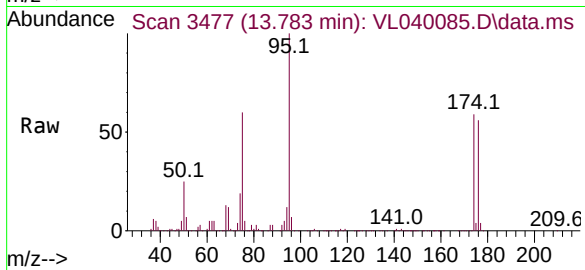
119 33.3 23.2 34.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.588 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.003 min
 Lab File: VL040085.D
 Acq: 9 Jan 2023 23:14

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122822 CAN 10269



Tgt Ion: 95 Resp: 1612813
 Ion Ratio Lower Upper
 95 100
 174 60.2 48.6 73.0
 175 4.2 3.4 5.2

