

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112723\
 Data File : VL040905.D
 Acq On : 27 Nov 2023 11:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 28 04:37:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Nov 28 04:31:59 2023
 Response via : Initial Calibration

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

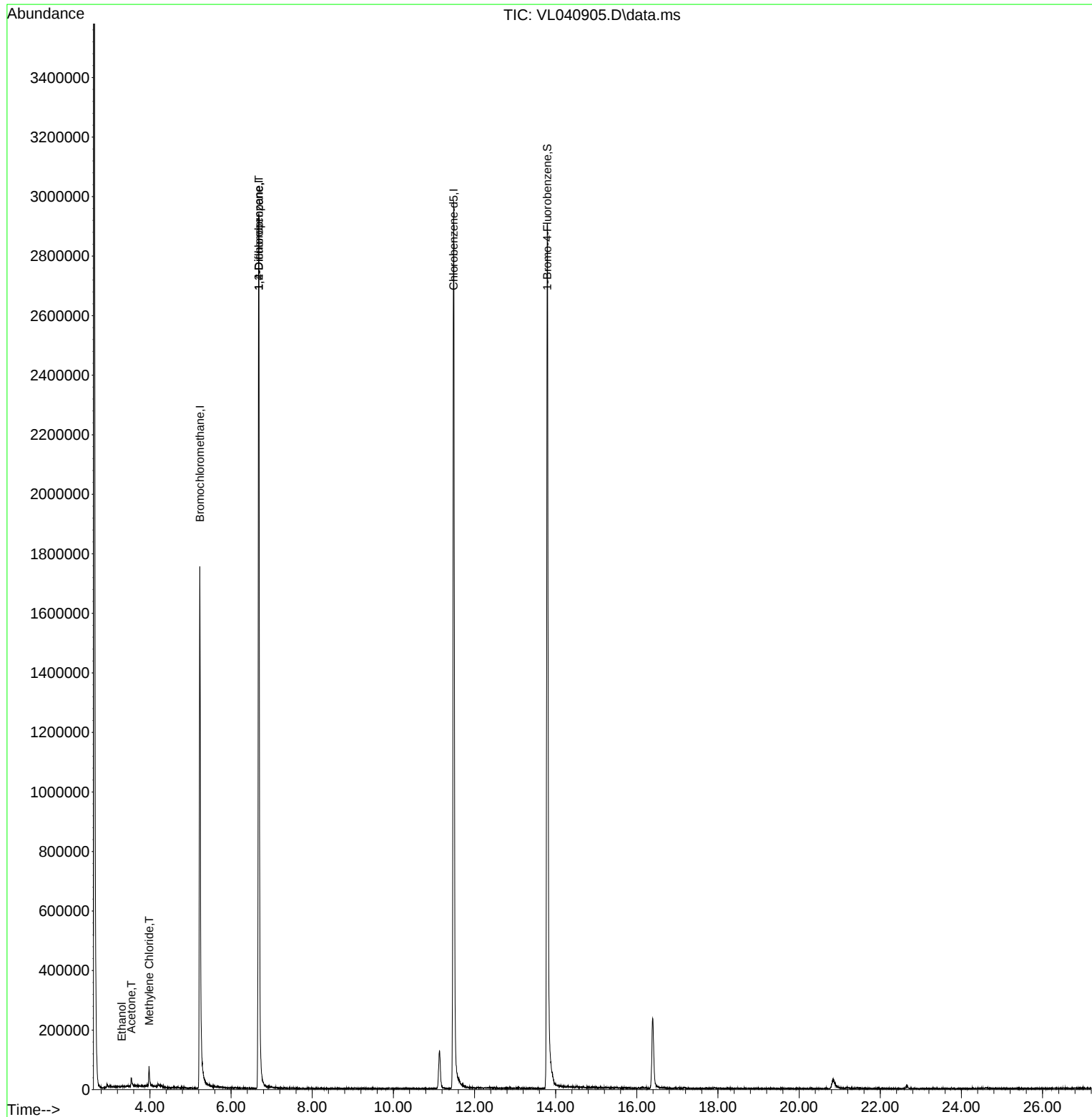
Internal Standards						
1) Bromochloromethane	5.230	49	915500	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.684	114	2269247	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	1958851	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1501873	9.793	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						
					Qvalue	
13) Ethanol	3.304	45	469	0.049	ppbv #	100
15) Acetone	3.542	43	23986	0.246	ppbv #	78
20) Methylene Chloride	3.983	84	8978	0.223	ppbv	96
39) 1,2-Dichloropropane	6.684	63	581975	7.970	ppbv #	23

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

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QLast Update : Tue Nov 28 04:31:59 2023
Response via : Initial Calibration

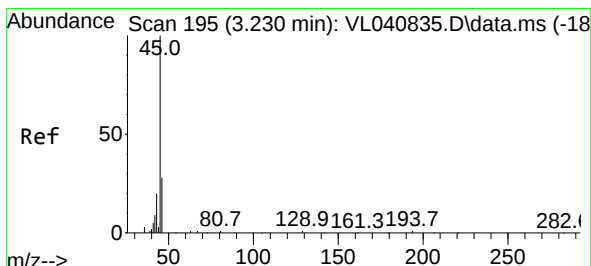
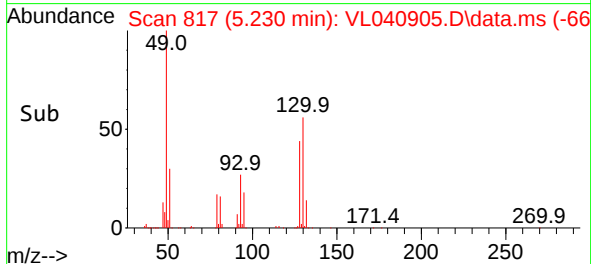
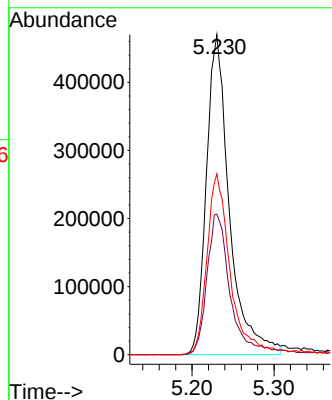
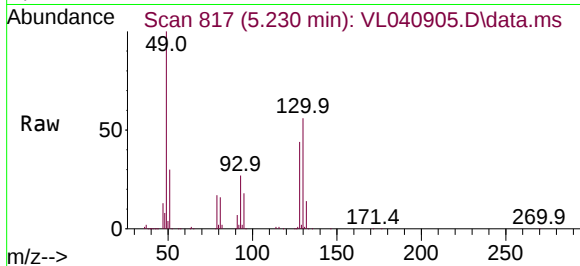




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.230 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040905.D
Acq: 27 Nov 2023 11:35

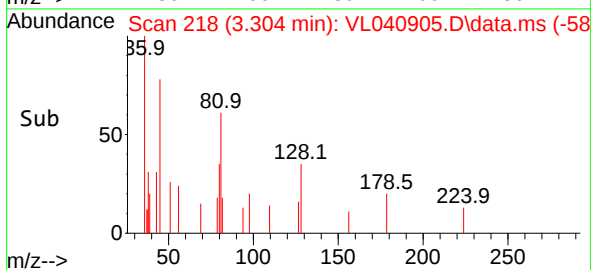
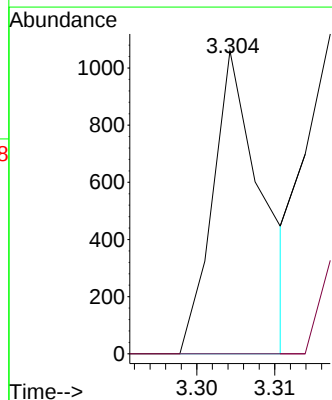
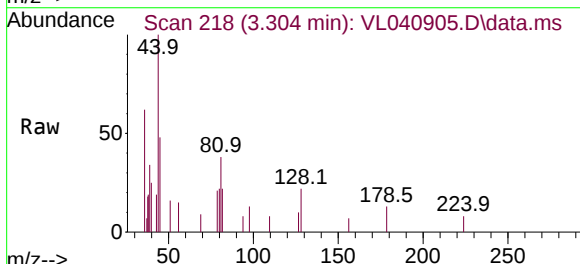
Instrument :
MSVOA_L
ClientSampleId :

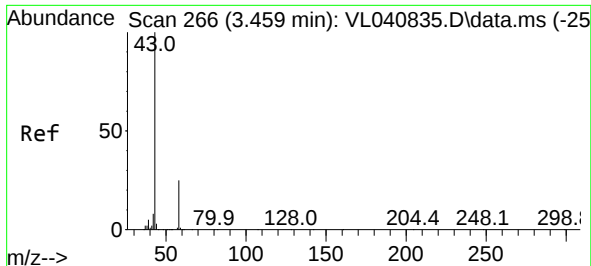
Tgt Ion: 49 Resp: 915500
Ion Ratio Lower Upper
49 100
128 46.6 23.8 71.2
130 58.9 30.9 92.8



#13
Ethanol
Concen: 0.049 ppbv
RT: 3.304 min Scan# 218
Delta R.T. 0.016 min
Lab File: VL040905.D
Acq: 27 Nov 2023 11:35

Tgt Ion: 45 Resp: 469
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0





#15

Acetone

Concen: 0.246 ppbv

RT: 3.542 min Scan# 24

Delta R.T. 0.029 min

Lab File: VL040905.D

Acq: 27 Nov 2023 11:35

Instrument :

MSVOA_L

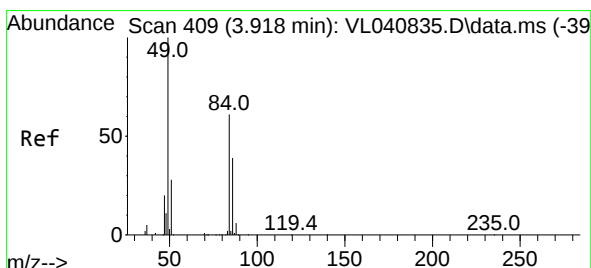
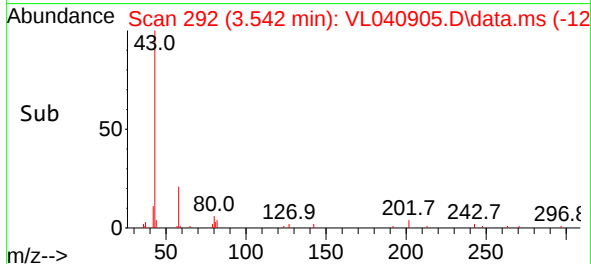
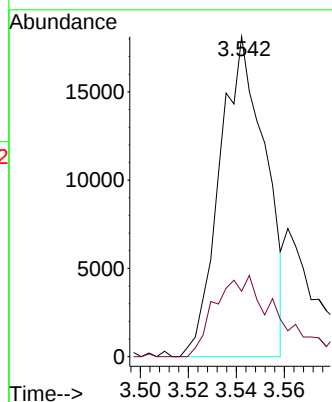
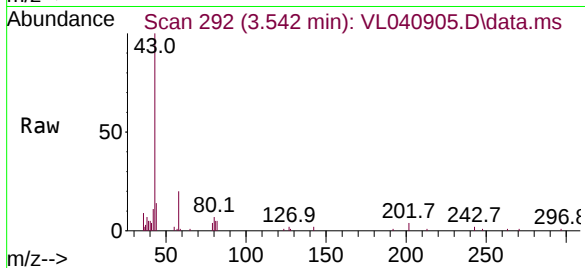
ClientSampleId :

Tgt Ion: 43 Resp: 23986

Ion Ratio Lower Upper

43 100

58 37.3 20.9 31.3#



#20

Methylene Chloride

Concen: 0.223 ppbv

RT: 3.983 min Scan# 429

Delta R.T. 0.006 min

Lab File: VL040905.D

Acq: 27 Nov 2023 11:35

Tgt Ion: 84 Resp: 8978

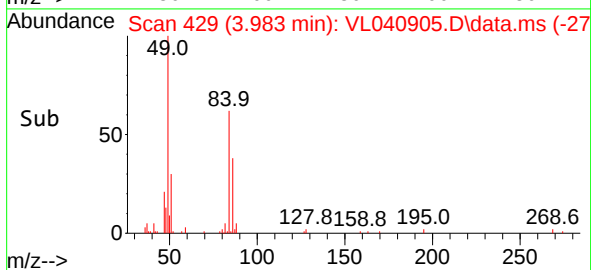
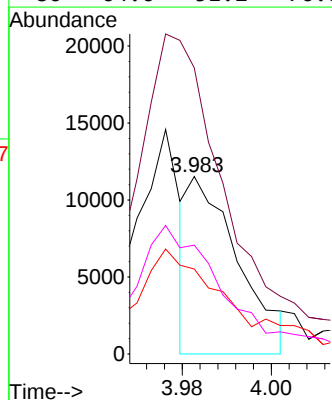
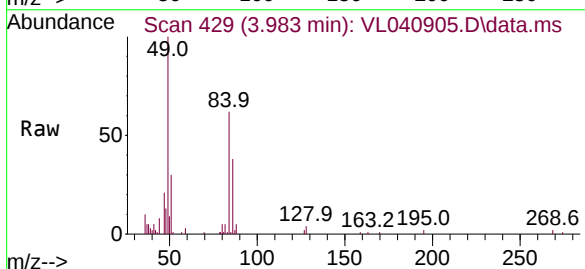
Ion Ratio Lower Upper

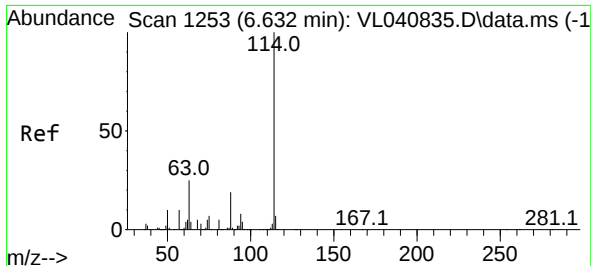
84 100

49 169.8 131.0 196.4

51 42.0 36.9 55.3

86 64.6 51.2 76.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.684 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VL040905.D

Acq: 27 Nov 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

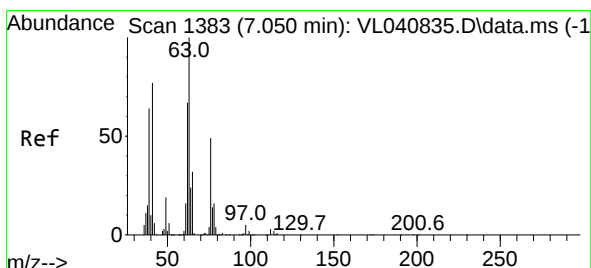
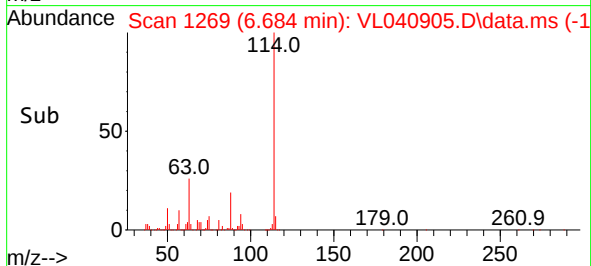
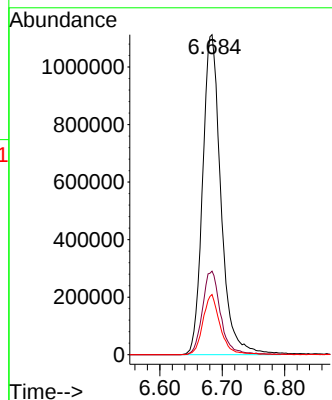
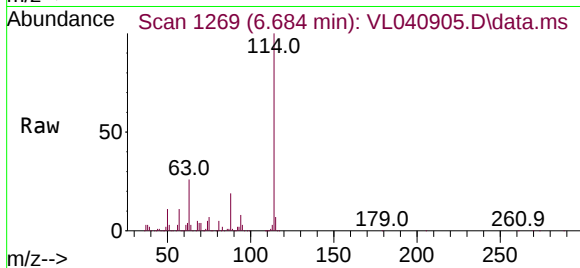
Tgt Ion:114 Resp: 2269247

Ion Ratio Lower Upper

114 100

63 26.2 20.9 31.3

88 17.9 14.3 21.5



#39

1,2-Dichloropropane

Concen: 7.970 ppbv

RT: 6.684 min Scan# 1269

Delta R.T. -0.415 min

Lab File: VL040905.D

Acq: 27 Nov 2023 11:35

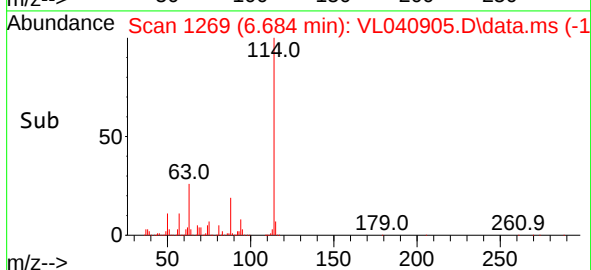
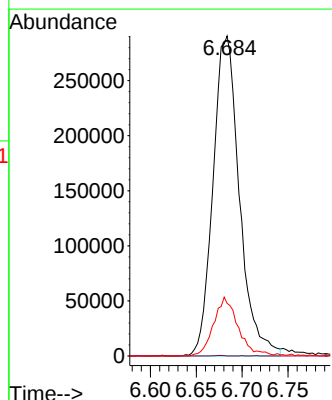
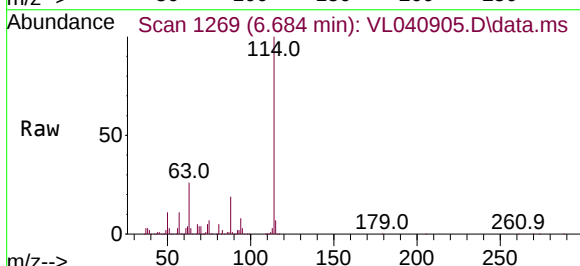
Tgt Ion: 63 Resp: 581975

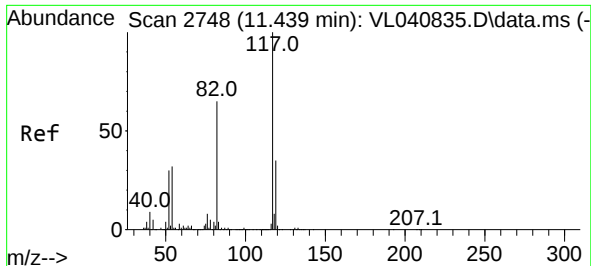
Ion Ratio Lower Upper

63 100

41 0.0 61.5 92.3#

62 16.5 53.9 80.9#

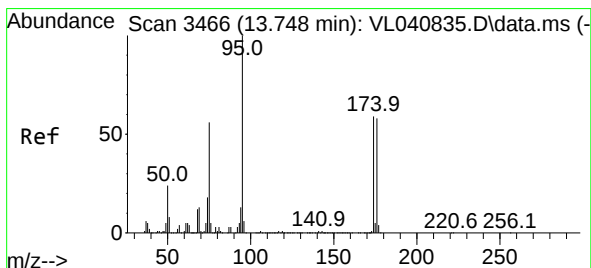
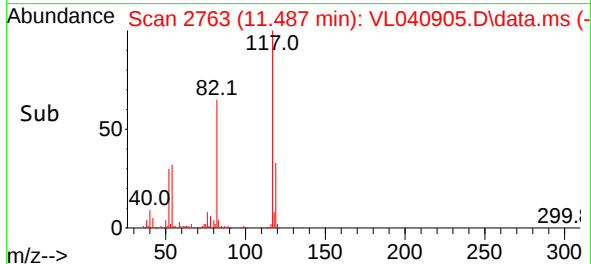
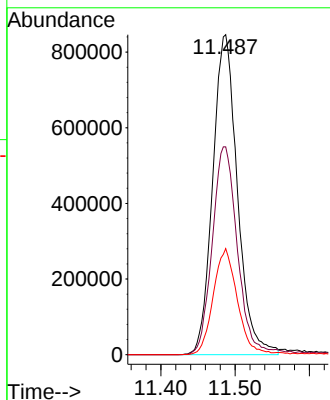
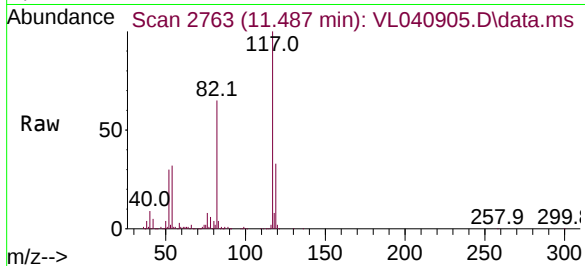




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040905.D
Acq: 27 Nov 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 1958851
Ion Ratio Lower Upper
117 100
82 67.5 50.6 75.8
119 33.3 23.3 34.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.793 ppbv
RT: 13.796 min Scan# 3481
Delta R.T. 0.003 min
Lab File: VL040905.D
Acq: 27 Nov 2023 11:35

Tgt Ion: 95 Resp: 1501873
Ion Ratio Lower Upper
95 100
174 61.6 47.5 71.3
175 4.5 3.6 5.4

