

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040511.D
 Acq On : 10 Jul 2023 15:11
 Operator : SY/MD
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Quant Time: Jul 11 02:14:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

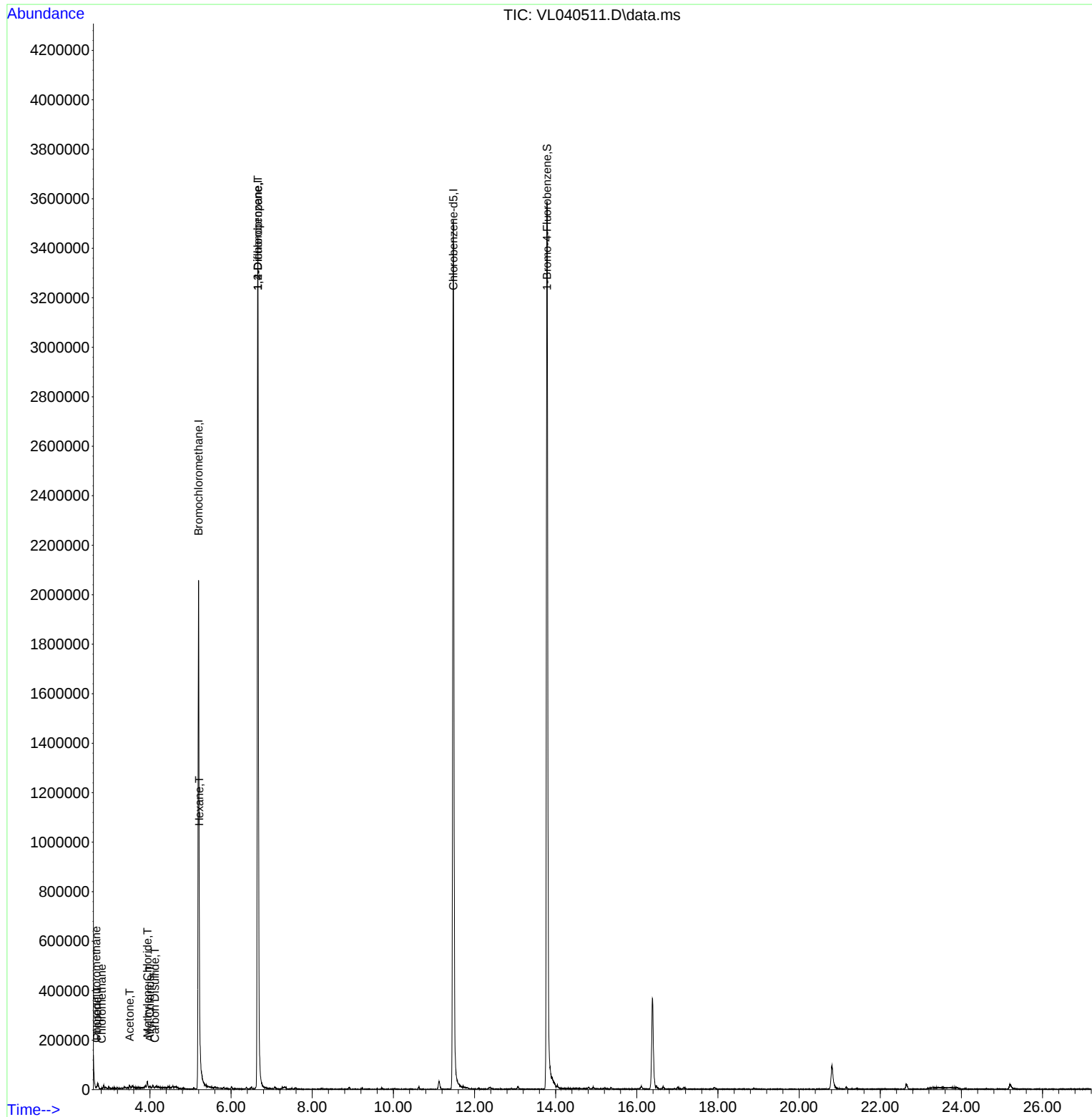
Internal Standards						
1) Bromochloromethane	5.198	49	1006457	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2514351	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2157122	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1756659	10.290	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.900%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.677	51	4832	0.030	ppbv	96
4) Chloromethane	2.816	50	2306	0.036	ppbv #	70
9) Propene	2.700	41	2527	0.046	ppbv #	1
15) Acetone	3.500	43	8721	0.075	ppbv #	67
20) Methylene Chloride	3.941	84	7038	0.143	ppbv #	71
21) Allyl Chloride	3.999	41	2365	0.036	ppbv #	64
26) Hexane	5.214	57	3508	0.034	ppbv #	1
27) Carbon Disulfide	4.127	76	3850	0.032	ppbv #	59
39) 1,2-Dichloropropane	6.658	63	648633	8.329	ppbv #	27

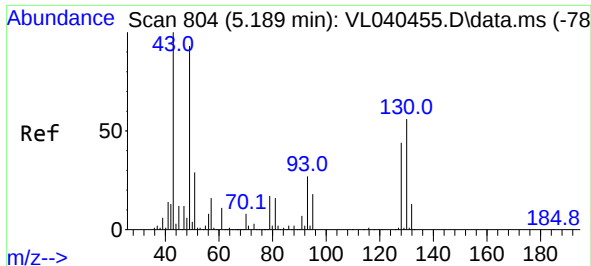
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
Data File : VL040511.D
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Misc : 400mL/MSVOA_L
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Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

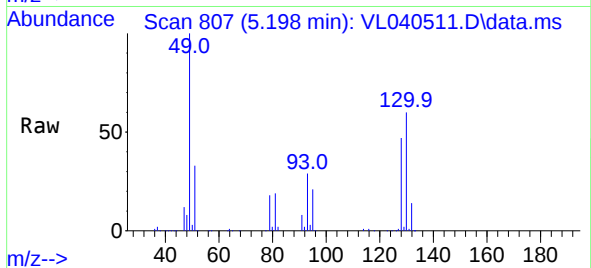
Quant Time: Jul 11 02:14:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration



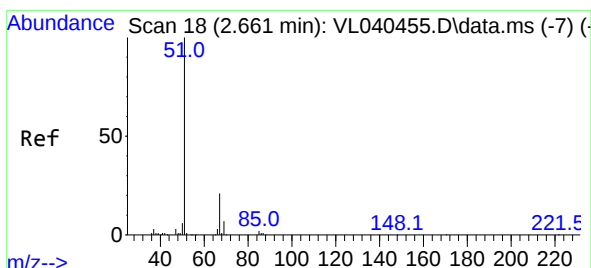
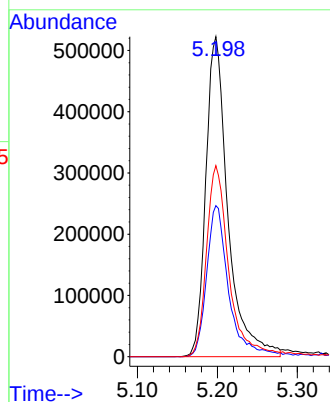
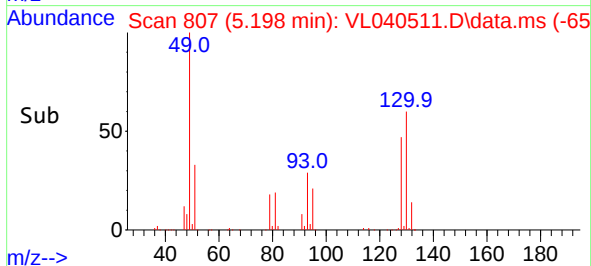


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.004 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03

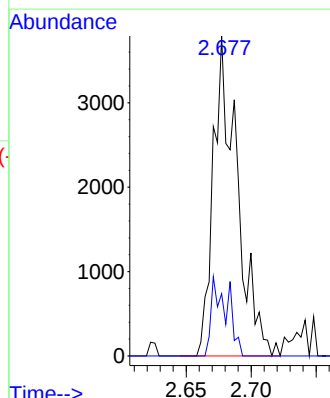
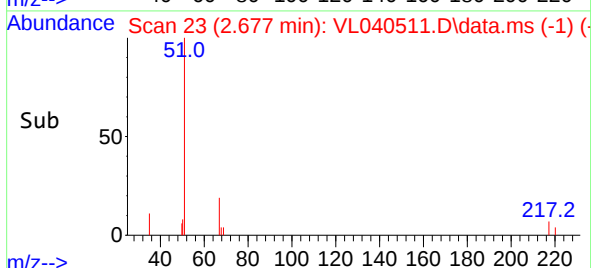
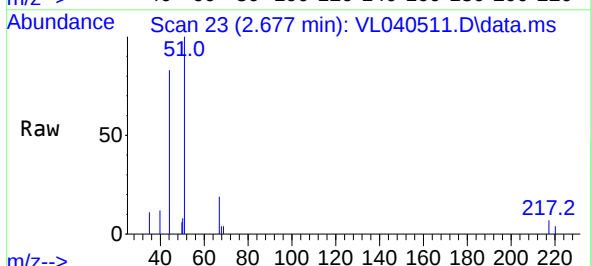


Tgt Ion: 49 Resp: 1006457
Ion Ratio Lower Upper
49 100
128 47.4 25.1 75.4
130 62.3 31.6 94.7

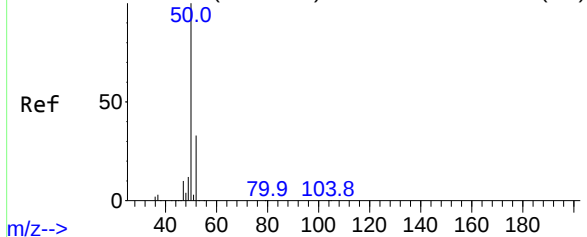


#3
Chlorodifluoromethane
Concen: 0.030 ppbv
RT: 2.677 min Scan# 23
Delta R.T. -0.007 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

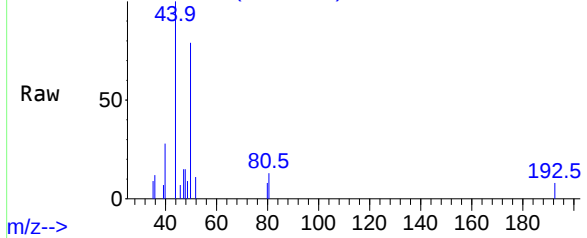
Tgt Ion: 51 Resp: 4832
Ion Ratio Lower Upper
51 100
67 16.6 14.6 21.8



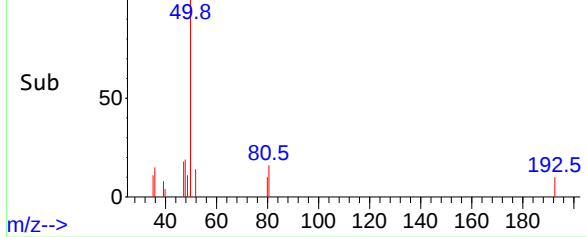
Abundance Scan 61 (2.800 min): VL040455.D\data.ms (-52)



Abundance Scan 66 (2.816 min): VL040511.D\data.ms



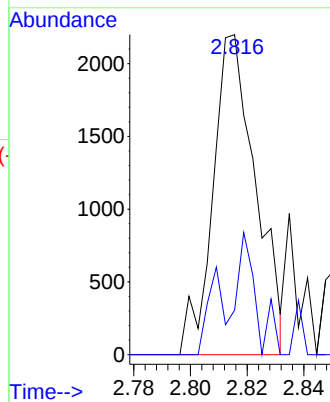
Abundance Scan 66 (2.816 min): VL040511.D\data.ms (-1) (-)



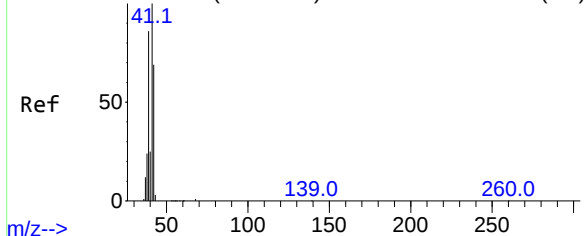
#4
Chloromethane
Concen: 0.036 ppbv
RT: 2.816 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

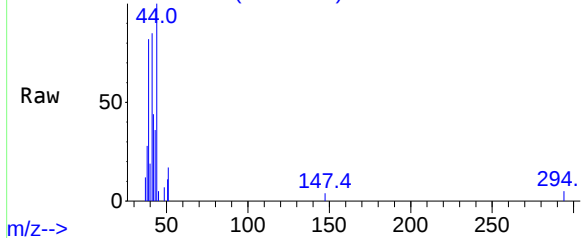
Tgt Ion: 50 Resp: 2306
Ion Ratio Lower Upper
50 100
52 13.9 24.4 36.6#



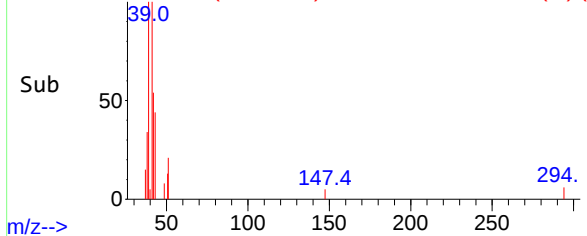
Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



Abundance Scan 30 (2.700 min): VL040511.D\data.ms

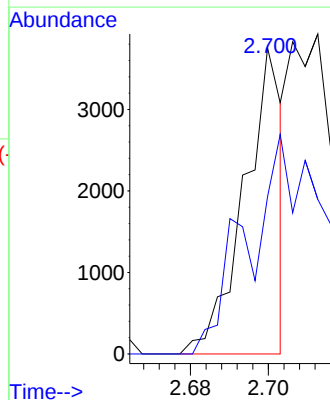


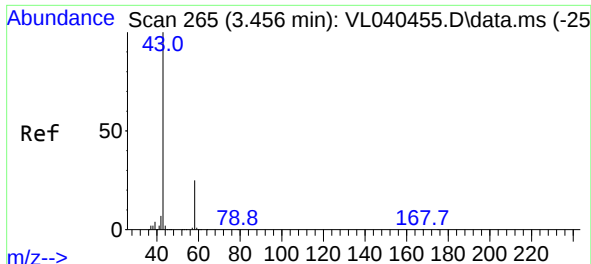
Abundance Scan 30 (2.700 min): VL040511.D\data.ms (-1) (-)



#9
Propene
Concen: 0.046 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

Tgt Ion: 41 Resp: 2527
Ion Ratio Lower Upper
41 100
42 161.4 55.0 82.6#

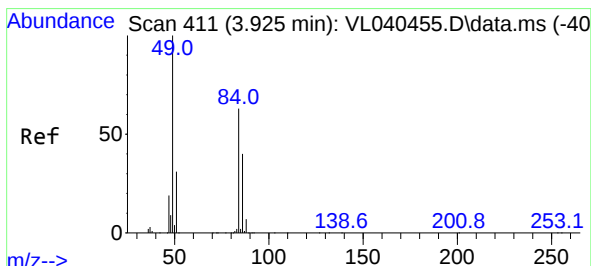
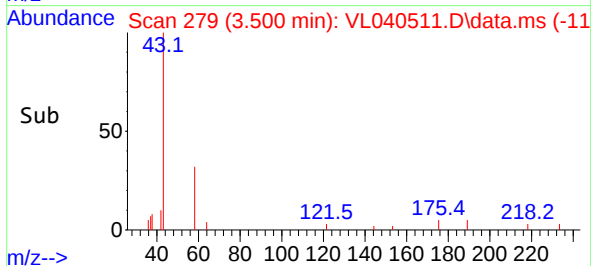
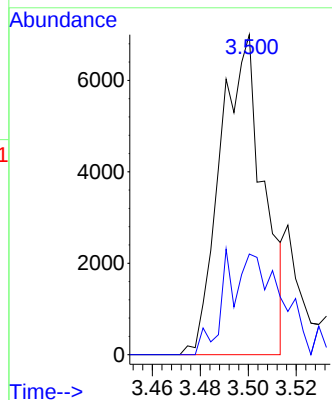
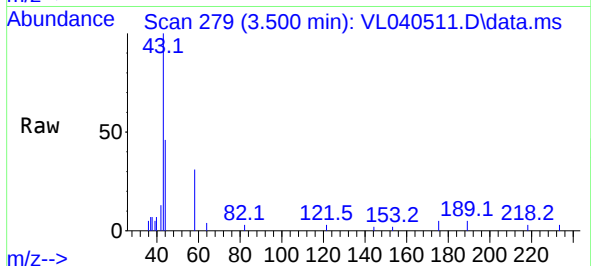




#15
Acetone
Concen: 0.075 ppbv
RT: 3.500 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

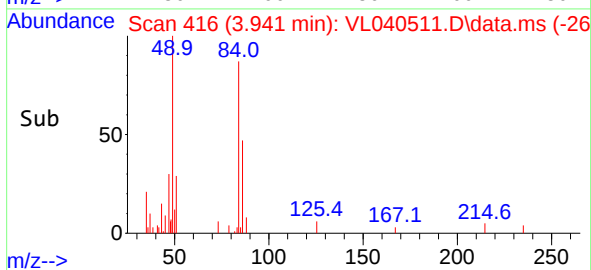
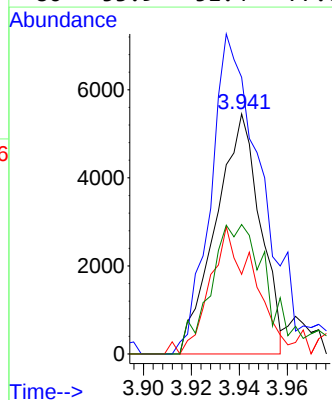
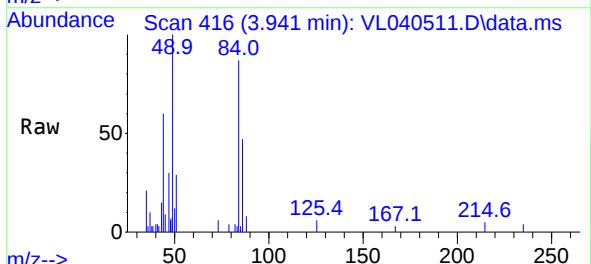
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

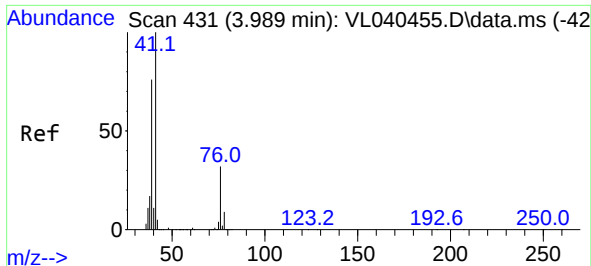
Tgt Ion: 43 Resp: 8721
Ion Ratio Lower Upper
43 100
58 46.0 22.9 34.3#



#20
Methylene Chloride
Concen: 0.143 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.000 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

Tgt Ion: 84 Resp: 7038
Ion Ratio Lower Upper
84 100
49 105.8 123.4 185.2#
51 33.2 38.3 57.5#
86 53.9 51.4 77.0





#21

Allyl Chloride

Concen: 0.036 ppbv

RT: 3.999 min Scan# 41

Delta R.T. -0.007 min

Lab File: VL040511.D

Acq: 10 Jul 2023 15:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

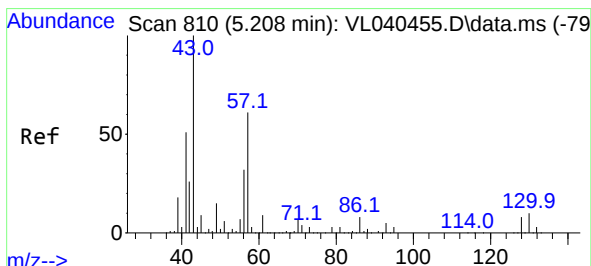
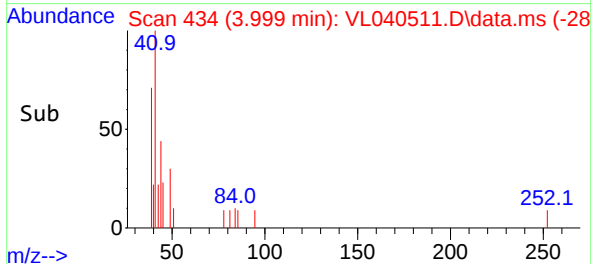
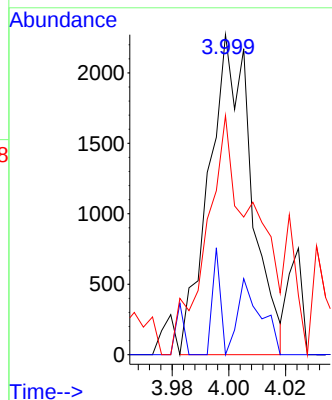
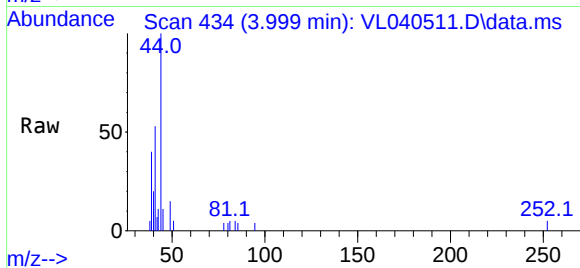
Tgt Ion: 41 Resp: 2365

Ion Ratio Lower Upper

41 100

76 22.2 24.8 37.2#

39 114.0 60.6 91.0#



#26

Hexane

Concen: 0.034 ppbv

RT: 5.214 min Scan# 812

Delta R.T. -0.007 min

Lab File: VL040511.D

Acq: 10 Jul 2023 15:11

Tgt Ion: 57 Resp: 3508

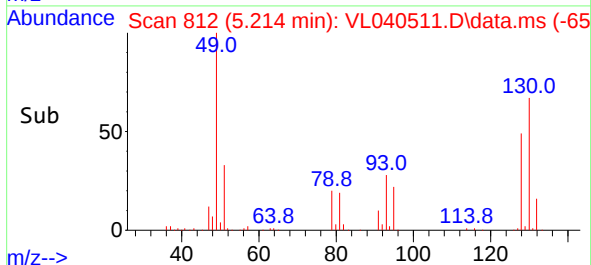
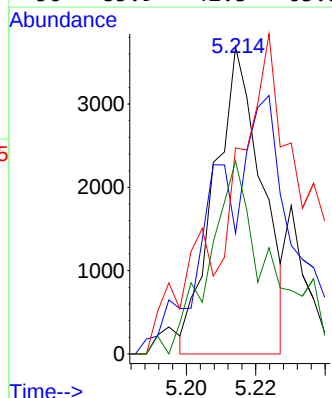
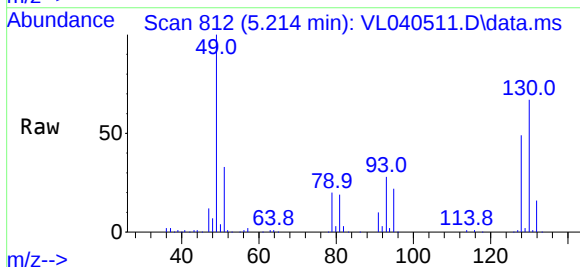
Ion Ratio Lower Upper

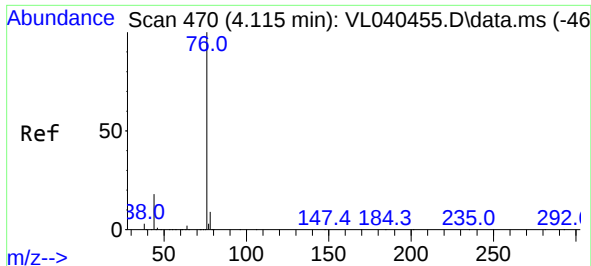
57 100

41 0.0 69.5 104.3#

43 0.0 177.1 265.7#

56 85.9 42.3 63.5#

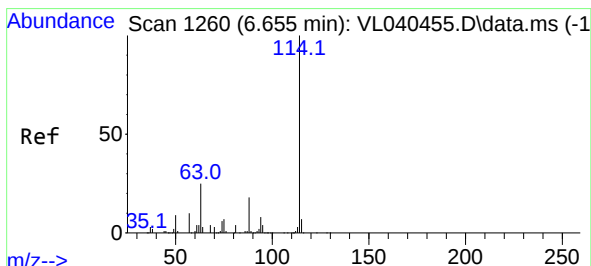
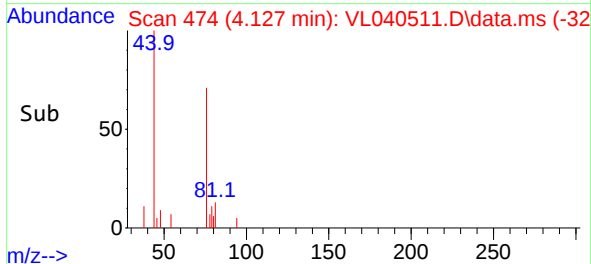
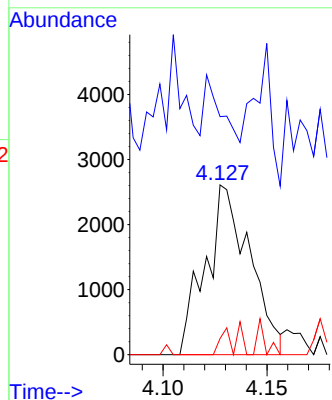
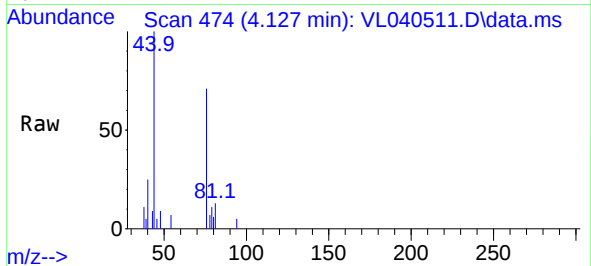




#27
Carbon Disulfide
Concen: 0.032 ppbv
RT: 4.127 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

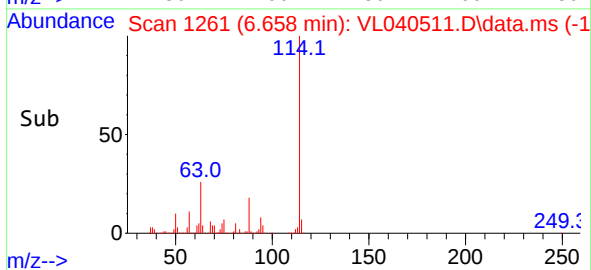
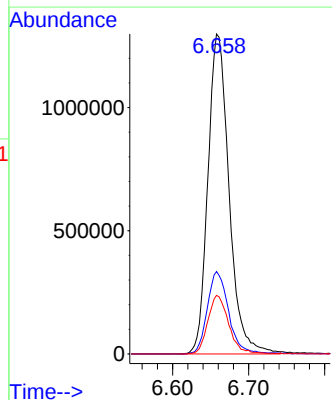
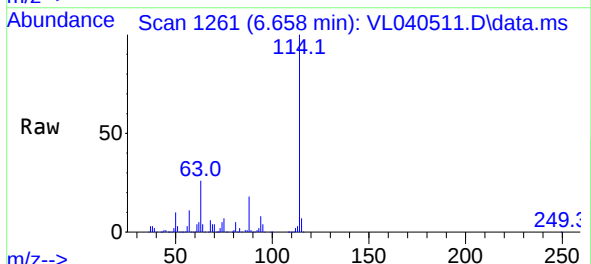
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.03

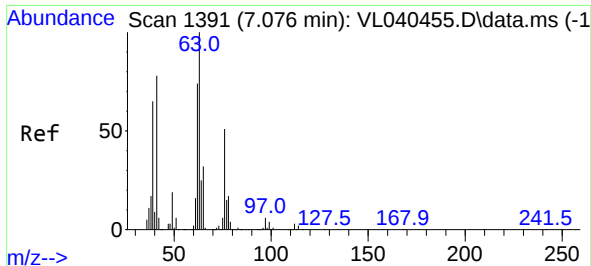
Tgt Ion: 76 Resp: 3850
Ion Ratio Lower Upper
76 100
44 40.6 15.1 22.7#
78 0.0 7.5 11.3#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 1261
Delta R.T. -0.007 min
Lab File: VL040511.D
Acq: 10 Jul 2023 15:11

Tgt Ion: 114 Resp: 2514351
Ion Ratio Lower Upper
114 100
63 26.1 19.6 29.4
88 18.2 14.2 21.2





#39

1,2-Dichloropropane

Concen: 8.329 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.425 min

Lab File: VL040511.D

Acq: 10 Jul 2023 15:11

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.03

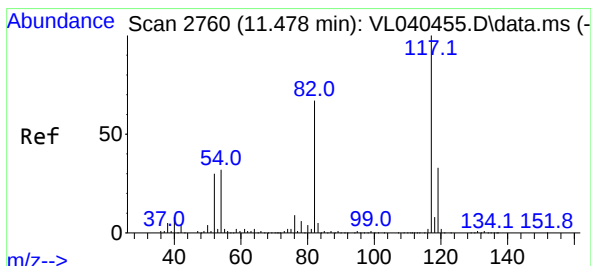
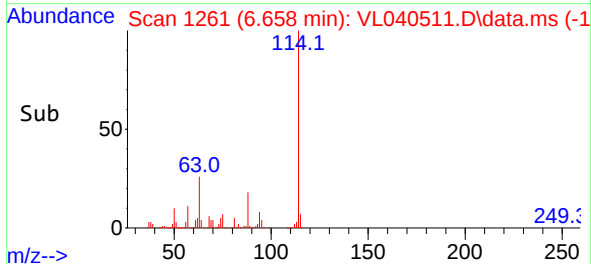
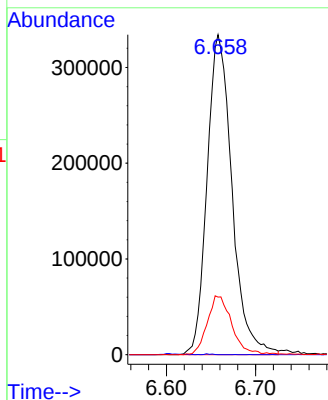
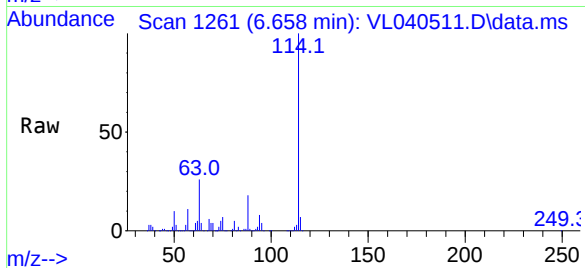
Tgt Ion: 63 Resp: 648633

Ion Ratio Lower Upper

63 100

41 0.0 54.3 81.5#

62 18.0 55.6 83.4#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 2760

Delta R.T. -0.000 min

Lab File: VL040511.D

Acq: 10 Jul 2023 15:11

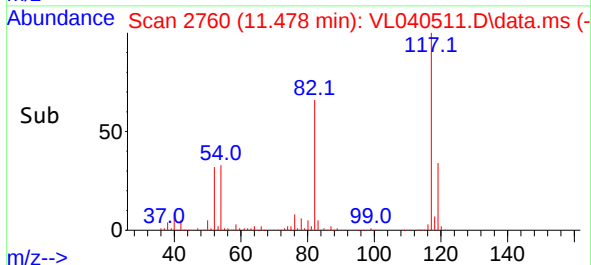
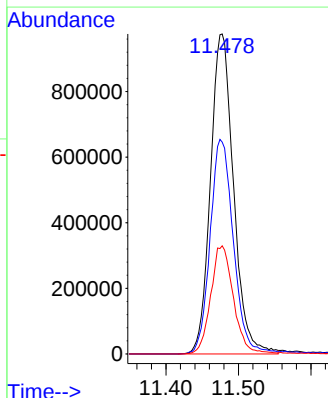
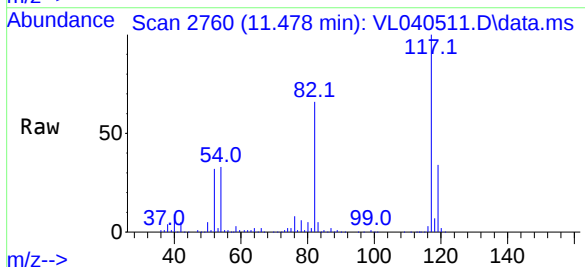
Tgt Ion: 117 Resp: 2157122

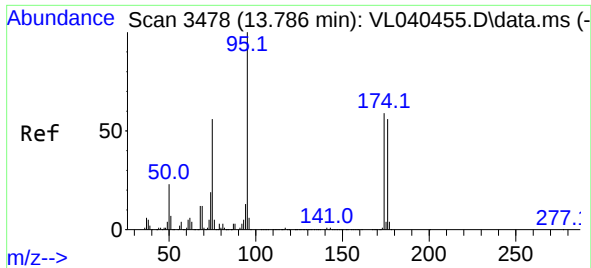
Ion Ratio Lower Upper

117 100

82 68.7 50.2 75.4

119 33.6 26.9 40.3





#68

1-Bromo-4-Fluorobenzene

Concen: 10.290 ppbv

RT: 13.789 min Scan# 34

Delta R.T. 0.006 min

Lab File: VL040511.D

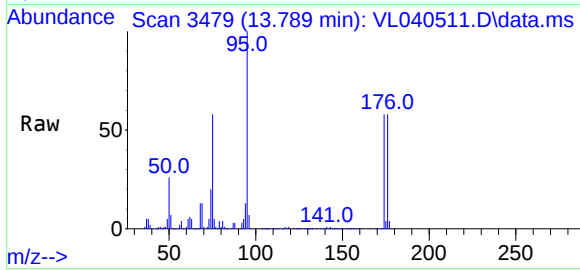
Acq: 10 Jul 2023 15:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.03



Tgt Ion: 95 Resp: 1756659

Ion	Ratio	Lower	Upper
95	100		
174	61.0	50.6	75.8
175	4.3	3.7	5.5

