

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041111.D
 Acq On : 14 Mar 2024 17:43
 Operator : SY/MD
 Sample : P1748-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03DL

Quant Time: Mar 15 02:49:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 15 02:44:43 2024
 Response via : Initial Calibration

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

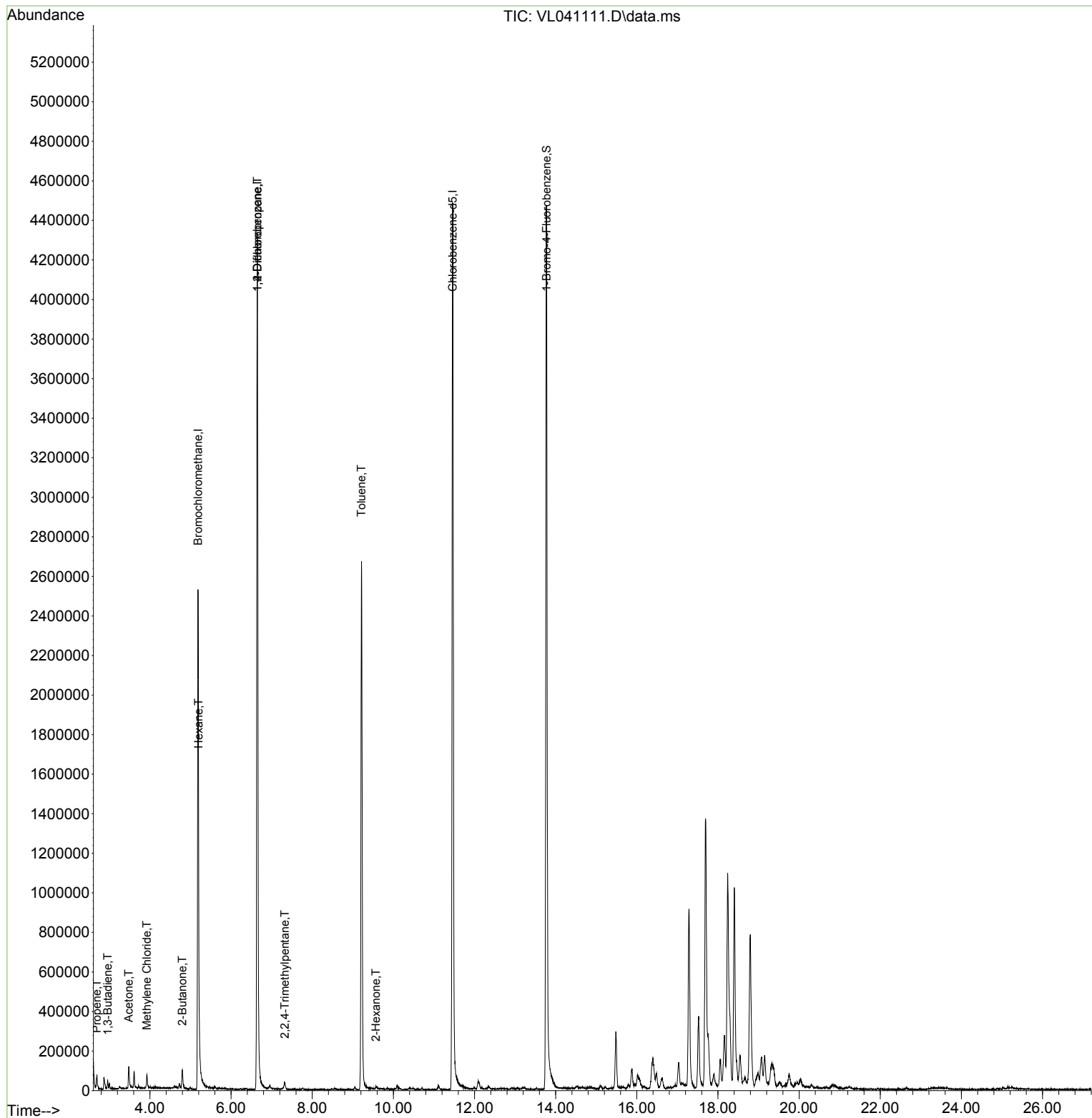
Internal Standards						
1) Bromochloromethane	5.185	49	1233975	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3220081	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2868181	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2276333	10.151	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%
Target Compounds						
					Qvalue	
9) Propene	2.687	41	22613	0.375	ppbv	98
15) Acetone	3.478	43	96886	0.689	ppbv #	86
16) 1,3-Butadiene	2.957	39	9781	0.153	ppbv #	27
20) Methylene Chloride	3.925	84	20224	0.369	ppbv	93
26) Hexane	5.198	57	5332	0.047	ppbv #	1
34) 2-Butanone	4.800	43	119882	0.752	ppbv	93
39) 1,2-Dichloropropane	6.645	63	804563	8.391	ppbv #	23
44) 2,2,4-Trimethylpentane	7.327	57	12620	0.032	ppbv #	1
51) 2-Hexanone	9.568	43	5574	0.032	ppbv #	15
53) Toluene	9.214	91	2123819	8.220	ppbv	99

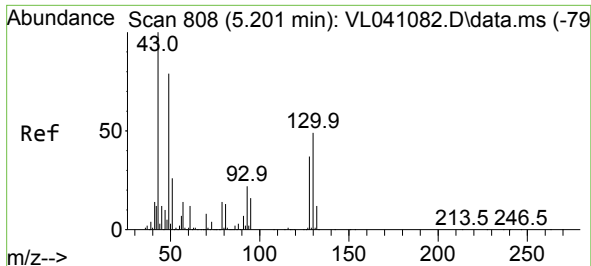
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
Data File : VL041111.D
Acq On : 14 Mar 2024 17:43
Operator : SY/MD
Sample : P1748-02DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Quant Time: Mar 15 02:49:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Fri Mar 15 02:44:43 2024
Response via : Initial Calibration

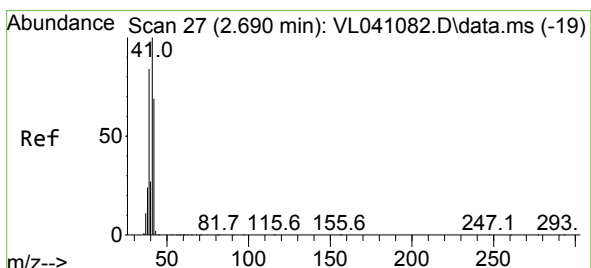
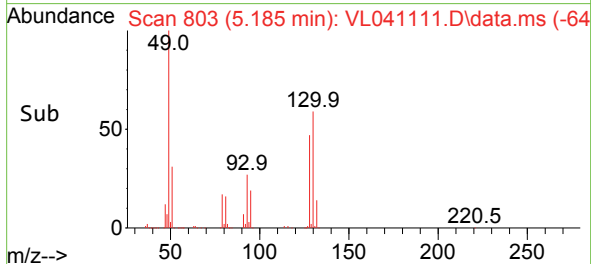
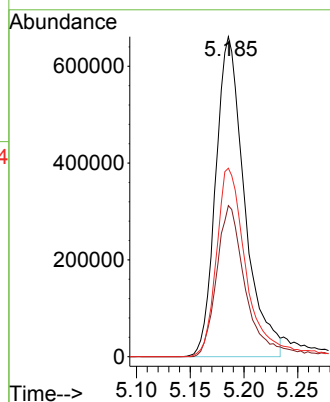
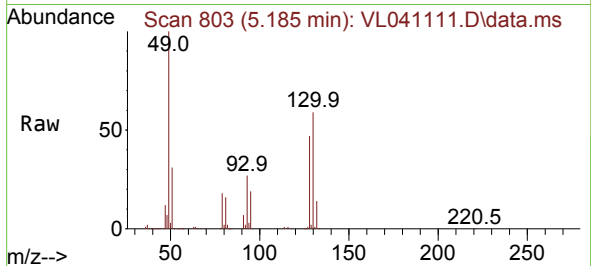




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041111.D
Acq: 14 Mar 2024 17:43

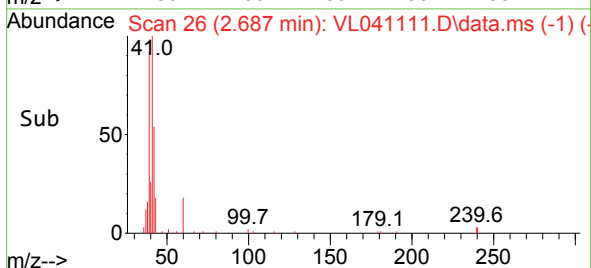
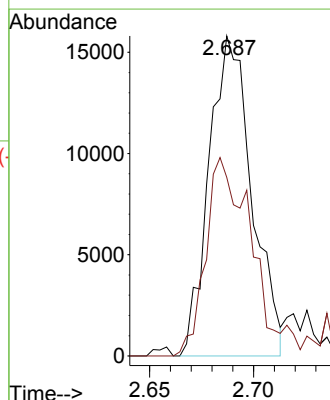
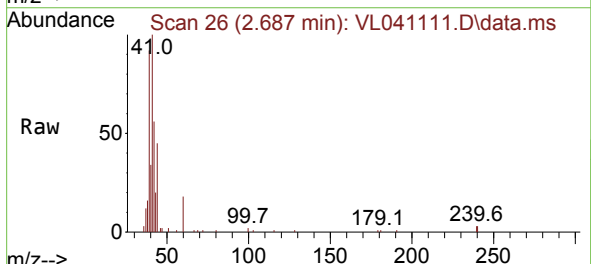
Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

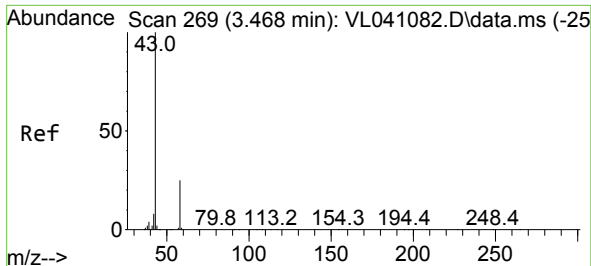
Tgt Ion: 49 Resp: 1233975
Ion Ratio Lower Upper
49 100
128 49.4 23.8 71.5
130 62.9 30.3 90.9



#9
Propene
Concen: 0.375 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.006 min
Lab File: VL041111.D
Acq: 14 Mar 2024 17:43

Tgt Ion: 41 Resp: 22613
Ion Ratio Lower Upper
41 100
42 71.7 55.9 83.9





#15

Acetone

Concen: 0.689 ppbv

RT: 3.478 min Scan# 21

Delta R.T. 0.022 min

Lab File: VL041111.D

Acq: 14 Mar 2024 17:43

Instrument :

MSVOA_L

ClientSampleId :

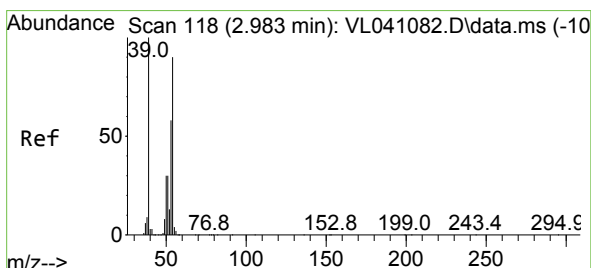
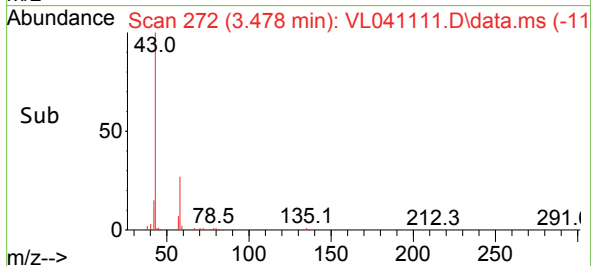
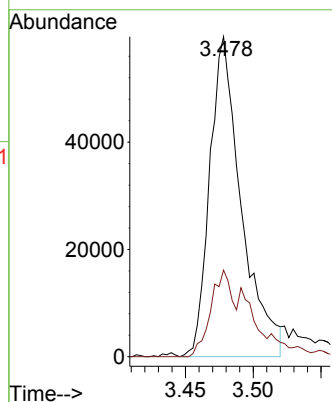
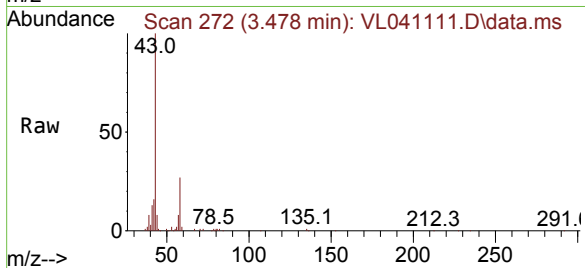
SVP-03DL

Tgt Ion: 43 Resp: 96886

Ion Ratio Lower Upper

43 100

58 34.5 21.7 32.5#



#16

1,3-Butadiene

Concen: 0.153 ppbv

RT: 2.957 min Scan# 110

Delta R.T. -0.016 min

Lab File: VL041111.D

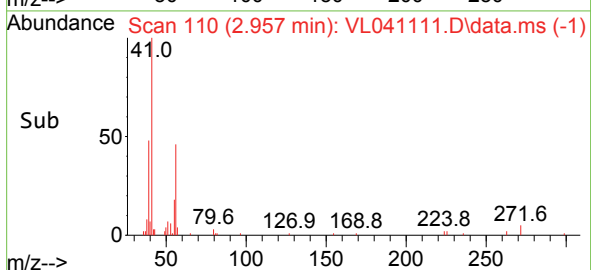
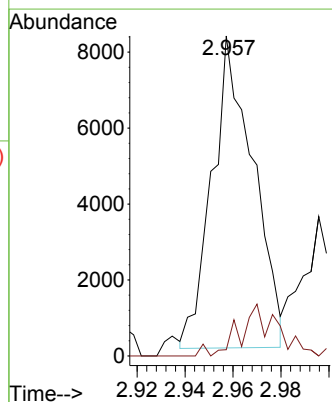
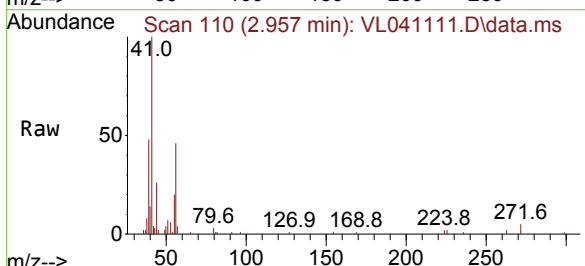
Acq: 14 Mar 2024 17:43

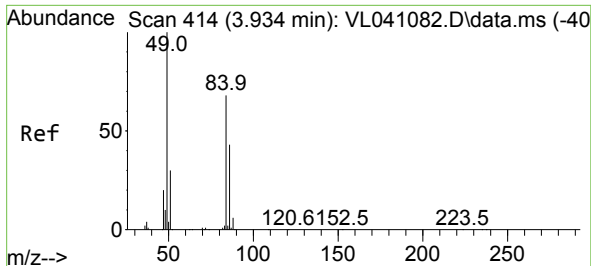
Tgt Ion: 39 Resp: 9781

Ion Ratio Lower Upper

39 100

54 15.5 64.0 96.0#



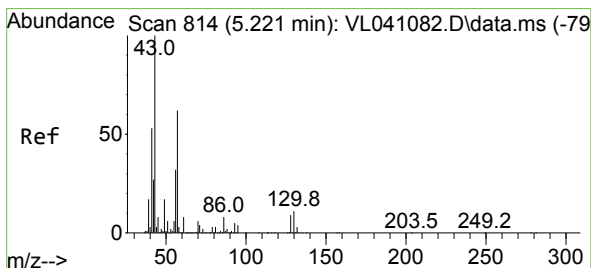
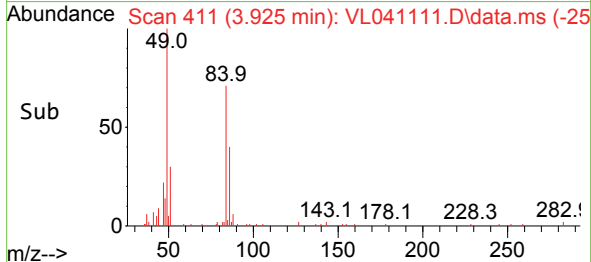
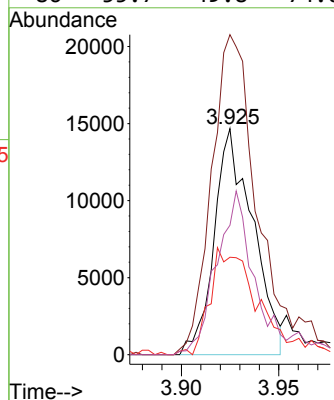
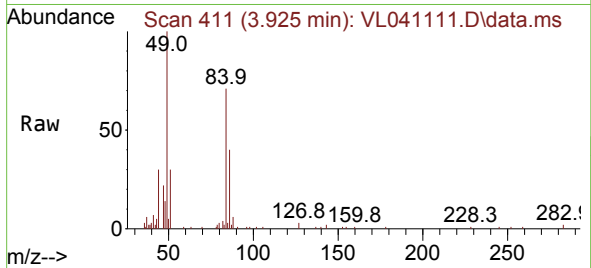


#20
Methylene Chloride
Concen: 0.369 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL041111.D
Acq: 14 Mar 2024 17:43

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 84 Resp: 20224

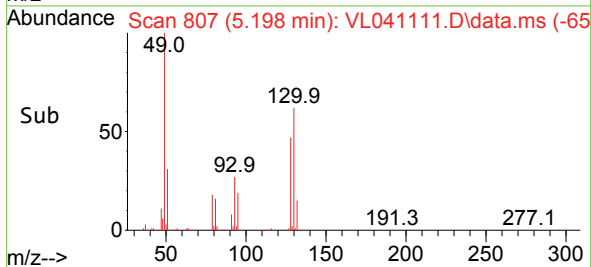
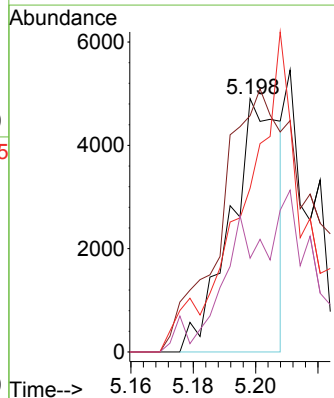
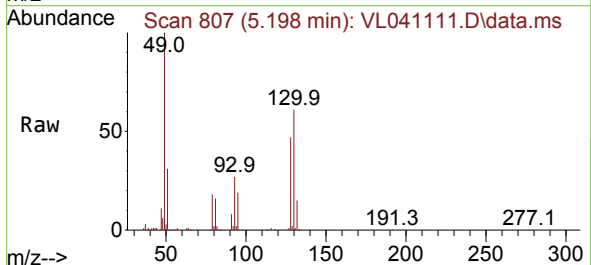
Ion	Ratio	Lower	Upper
84	100		
49	137.6	117.0	175.6
51	41.5	34.9	52.3
86	55.7	49.8	74.6

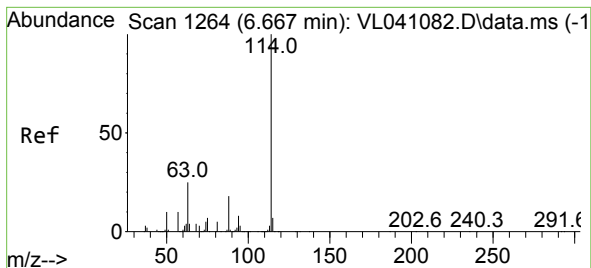


#26
Hexane
Concen: 0.047 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.003 min
Lab File: VL041111.D
Acq: 14 Mar 2024 17:43

Tgt Ion: 57 Resp: 5332

Ion	Ratio	Lower	Upper
57	100		
41	205.0	73.8	110.6#
43	0.0	184.2	276.2#
56	0.0	43.1	64.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041111.D

Acq: 14 Mar 2024 17:43

Instrument :

MSVOA_L

ClientSampleId :

SVP-03DL

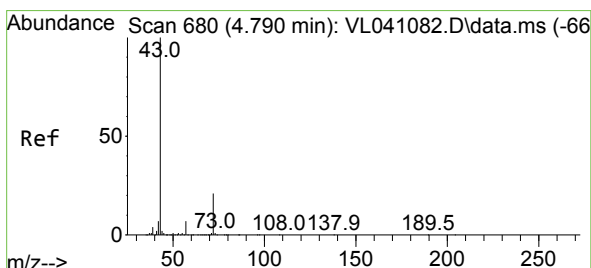
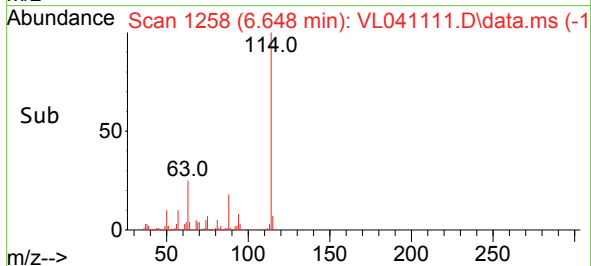
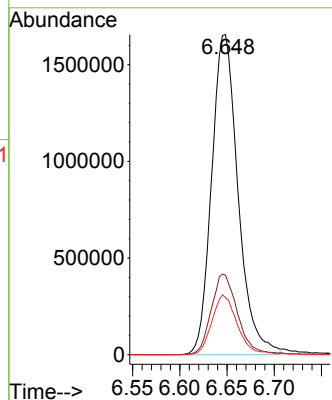
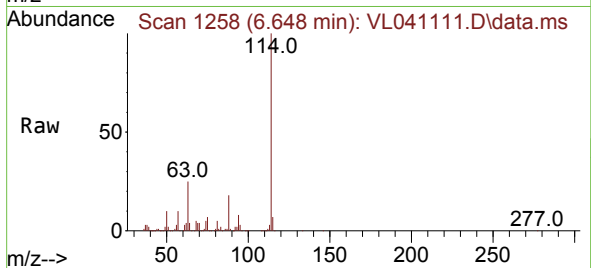
Tgt Ion:114 Resp: 3220081

Ion Ratio Lower Upper

114 100

63 25.5 21.0 31.6

88 18.2 14.6 22.0



#34

2-Butanone

Concen: 0.752 ppbv

RT: 4.800 min Scan# 683

Delta R.T. 0.026 min

Lab File: VL041111.D

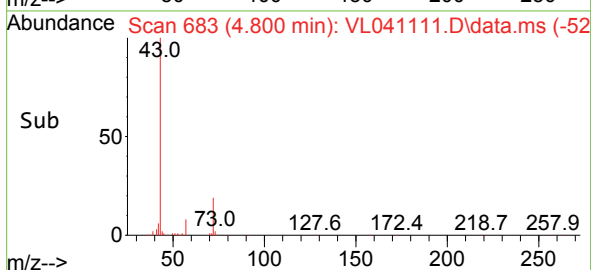
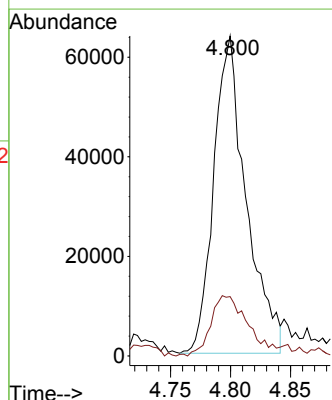
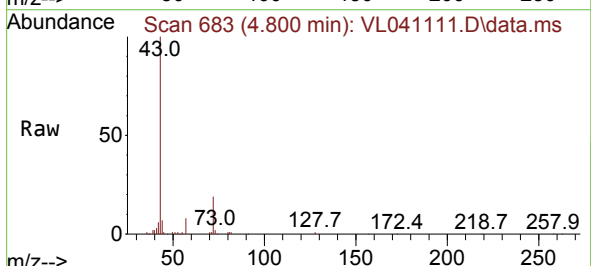
Acq: 14 Mar 2024 17:43

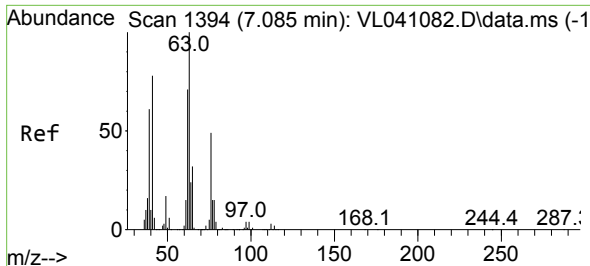
Tgt Ion: 43 Resp: 119882

Ion Ratio Lower Upper

43 100

72 25.0 17.4 26.0





#39

1,2-Dichloropropane

Concen: 8.391 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.418 min

Lab File: VL041111.D

Acq: 14 Mar 2024 17:43

Instrument :

MSVOA_L

ClientSampleId :

SVP-03DL

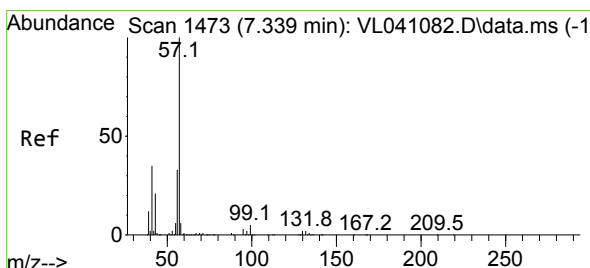
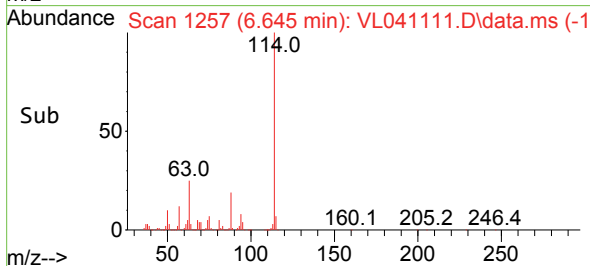
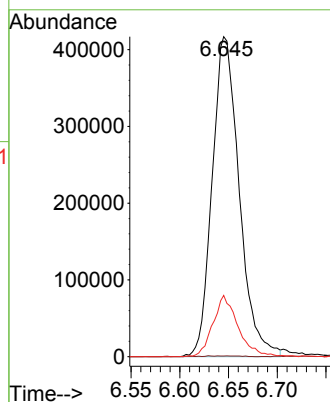
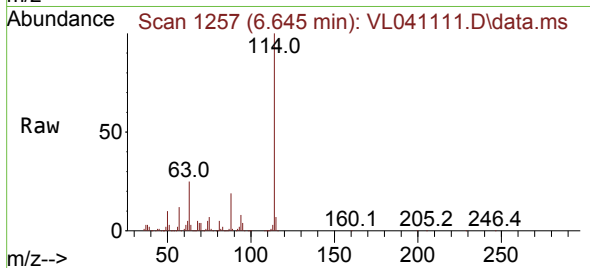
Tgt Ion: 63 Resp: 804563

Ion Ratio Lower Upper

63 100

41 0.2 62.2 93.4#

62 19.1 57.0 85.4#



#44

2,2,4-Trimethylpentane

Concen: 0.032 ppbv

RT: 7.327 min Scan# 1469

Delta R.T. 0.010 min

Lab File: VL041111.D

Acq: 14 Mar 2024 17:43

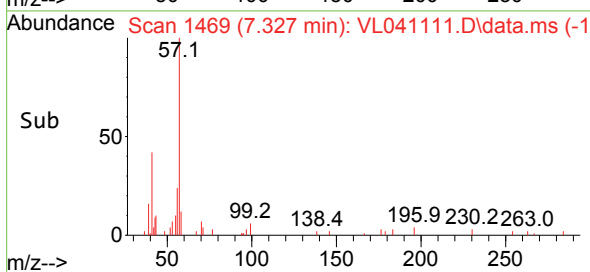
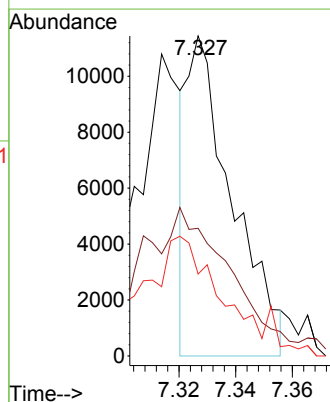
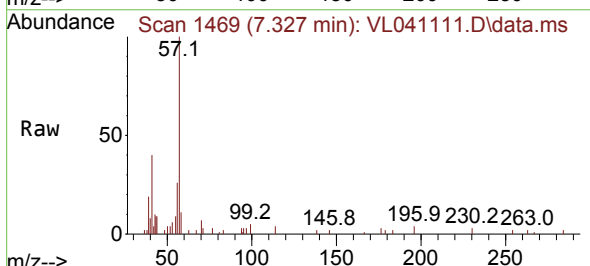
Tgt Ion: 57 Resp: 12620

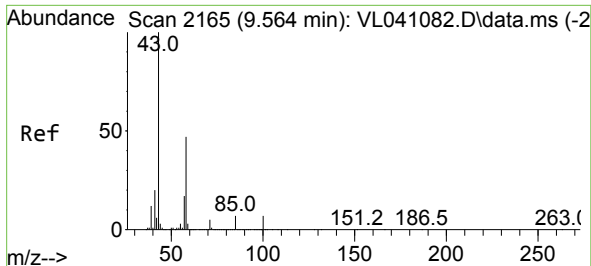
Ion Ratio Lower Upper

57 100

41 102.9 28.0 42.0#

56 87.0 25.7 38.5#

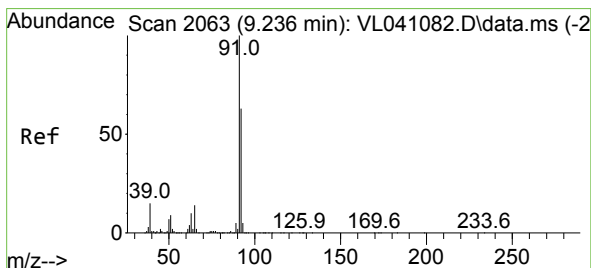
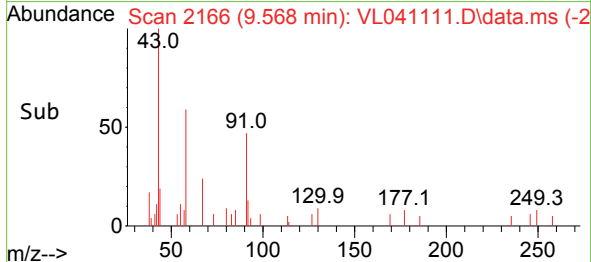
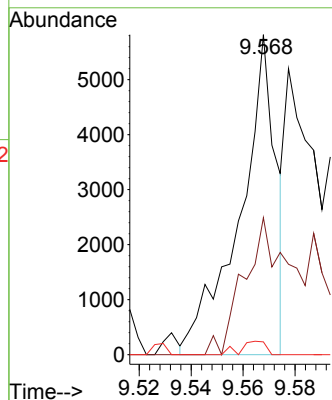
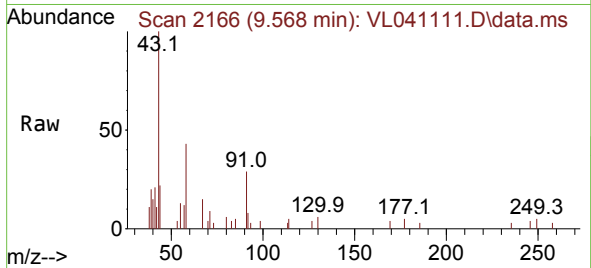




#51
2-Hexanone
Concen: 0.032 ppbv
RT: 9.568 min Scan# 2166
Delta R.T. 0.029 min
Lab File: VL041111.D
Acq: 14 Mar 2024 17:43

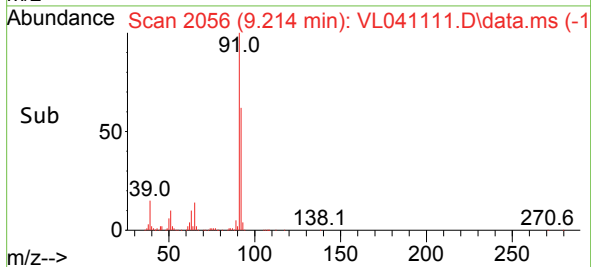
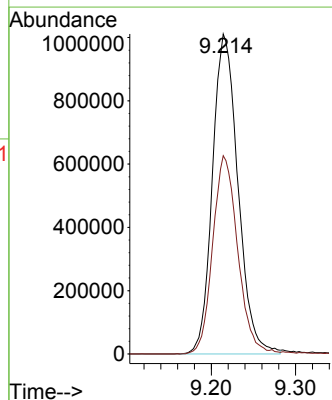
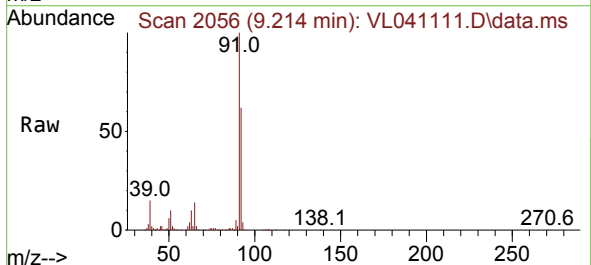
Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

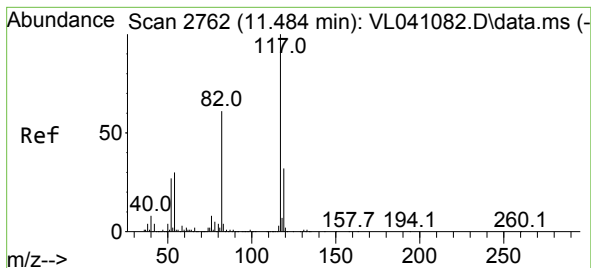
Tgt Ion: 43 Resp: 5574
Ion Ratio Lower Upper
43 100
58 103.8 37.4 56.2#
98 2.4 0.4 0.6#



#53
Toluene
Concen: 8.220 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL041111.D
Acq: 14 Mar 2024 17:43

Tgt Ion: 91 Resp: 2123819
Ion Ratio Lower Upper
91 100
92 61.5 48.9 73.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041111.D

Acq: 14 Mar 2024 17:43

Instrument :

MSVOA_L

ClientSampleId :

SVP-03DL

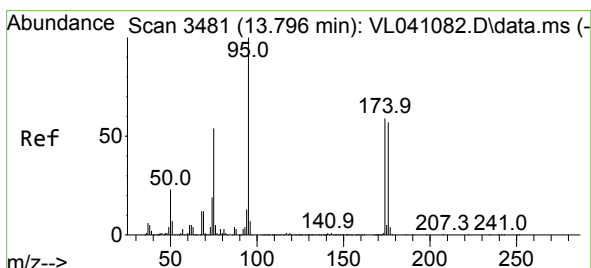
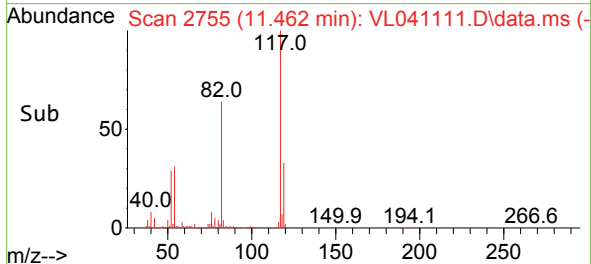
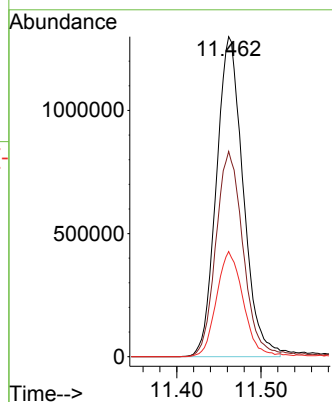
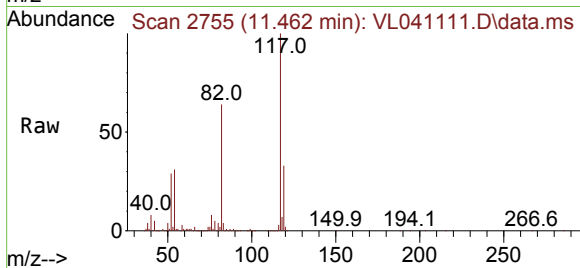
Tgt Ion:117 Resp: 2868181

Ion Ratio Lower Upper

117 100

82 67.0 51.4 77.2

119 33.8 23.7 35.5



#68

1-Bromo-4-Fluorobenzene

Concen: 10.151 ppbv

RT: 13.773 min Scan# 3474

Delta R.T. 0.010 min

Lab File: VL041111.D

Acq: 14 Mar 2024 17:43

Tgt Ion: 95 Resp: 2276333

Ion Ratio Lower Upper

95 100

174 61.4 47.8 71.8

175 4.7 3.5 5.3

