

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
 Data File : VL041693.D
 Acq On : 8 Nov 2024 1:00
 Operator : SY/MD
 Sample : CAN 10297
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 08 03:55:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 08 01:01:00 2024
 Response via : Initial Calibration

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

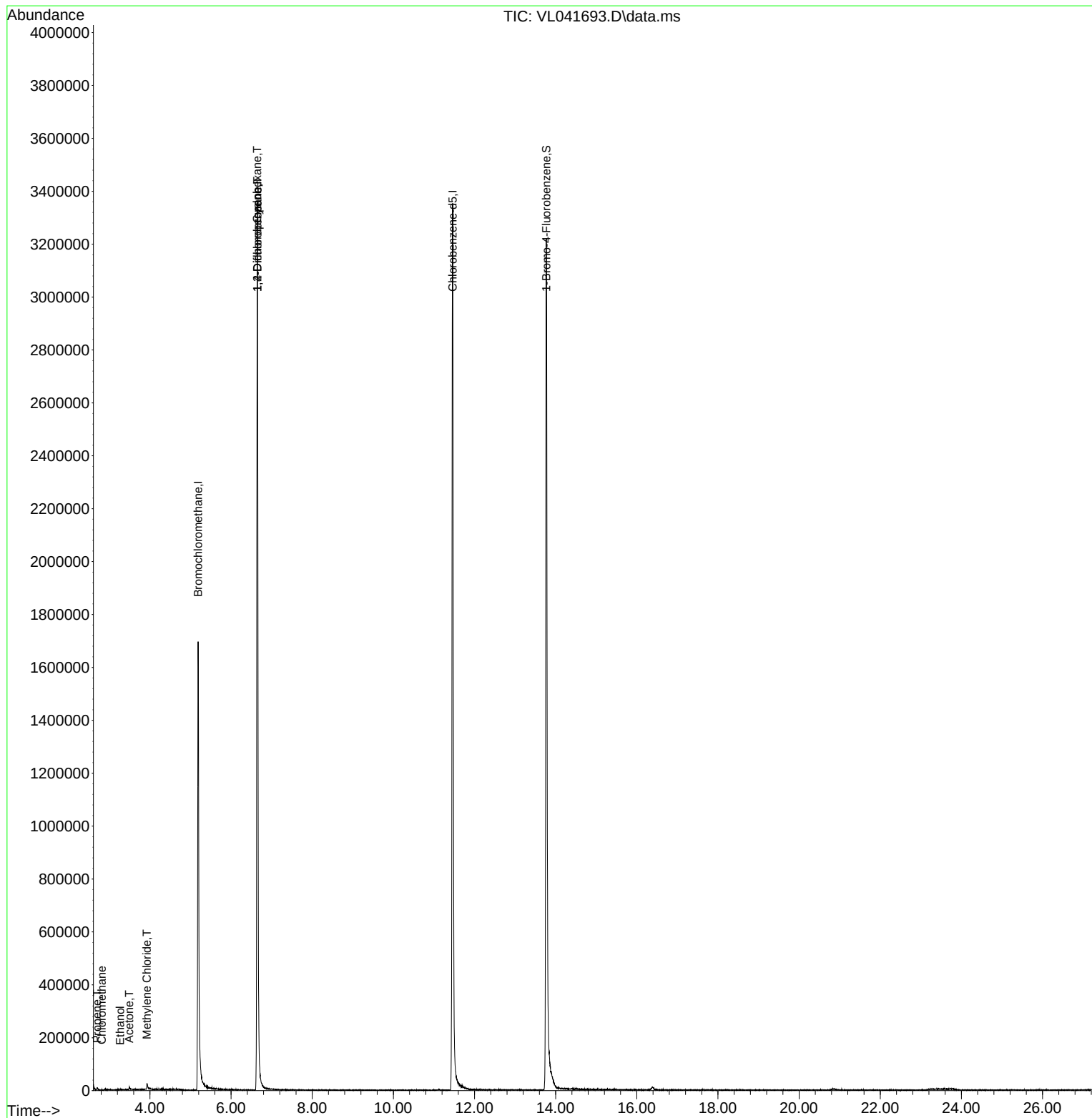
Internal Standards						
1) Bromochloromethane	5.189	49	850875	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2494152	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2154687	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1561545	9.836	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						
					Qvalue	
4) Chloromethane	2.816	50	1844	0.031	ppbv #	44
9) Propene	2.697	41	1966	0.041	ppbv #	40
13) Ethanol	3.263	45	1073	0.363	ppbv	79
15) Acetone	3.491	43	3531	0.034	ppbv #	48
20) Methylene Chloride	3.925	84	2706	0.070	ppbv #	86
30) Cyclohexane	6.642	84	4853	0.068	ppbv #	1
39) 1,2-Dichloropropane	6.645	63	617570	8.456	ppbv #	23

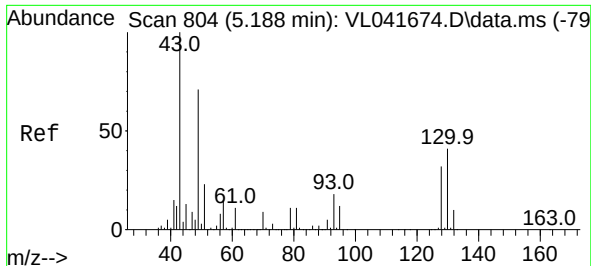
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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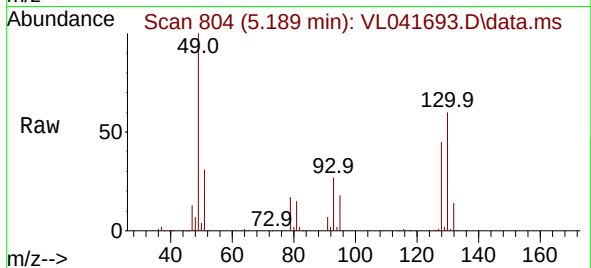
Quant Time: Nov 08 03:55:36 2024
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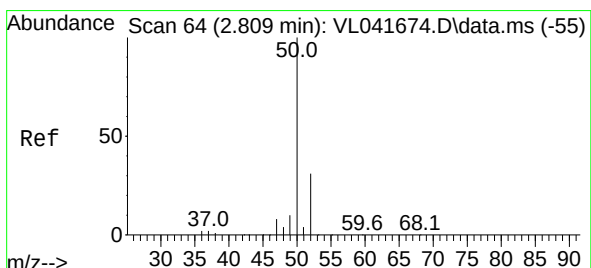
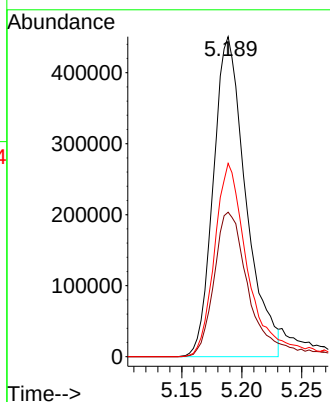
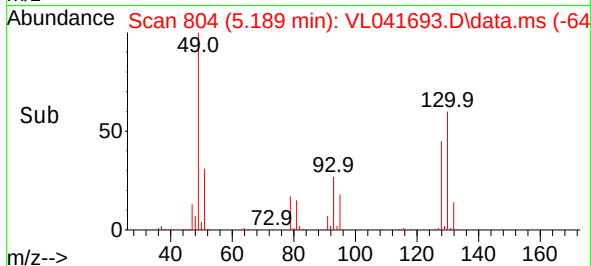


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. 0.001 min
Lab File: VL041693.D
Acq: 8 Nov 2024 1:00

Instrument :
MSVOA_L
ClientSampleId :

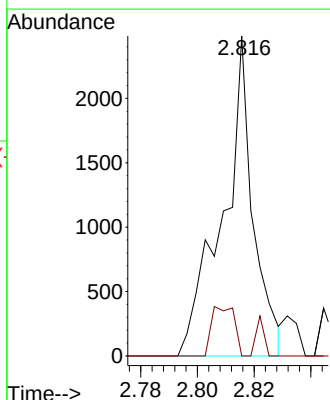
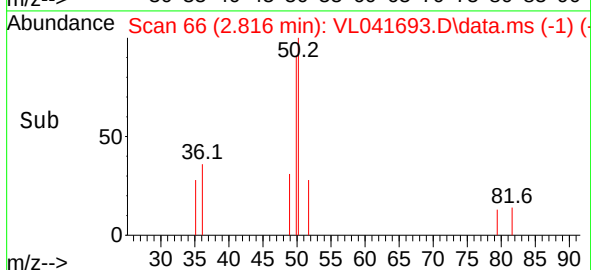
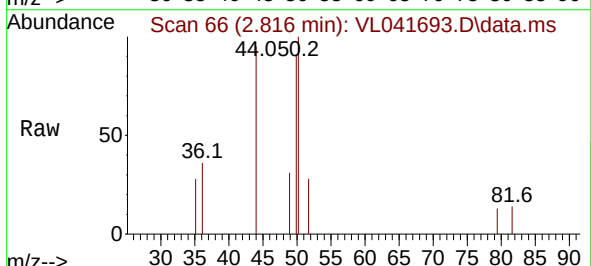


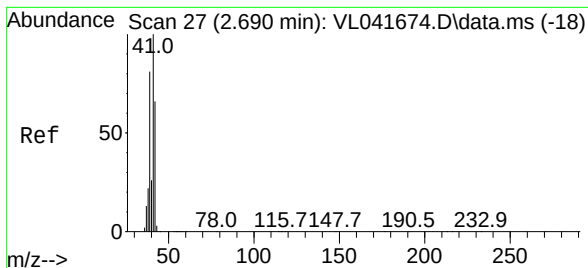
Tgt Ion: 49 Resp: 850875
Ion Ratio Lower Upper
49 100
128 51.0 23.8 71.2
130 65.8 30.1 90.5



#4
Chloromethane
Concen: 0.031 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.006 min
Lab File: VL041693.D
Acq: 8 Nov 2024 1:00

Tgt Ion: 50 Resp: 1844
Ion Ratio Lower Upper
50 100
52 0.0 24.9 37.3#





#9

Propene

Concen: 0.041 ppbv

RT: 2.697 min Scan# 20

Delta R.T. 0.006 min

Lab File: VL041693.D

Acq: 8 Nov 2024 1:00

Instrument :

MSVOA_L

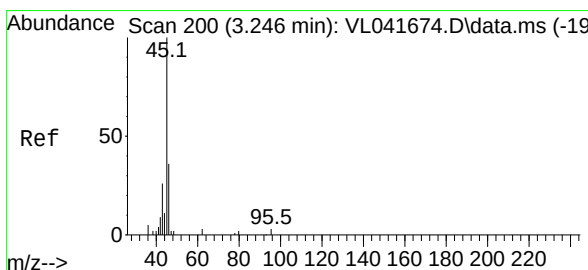
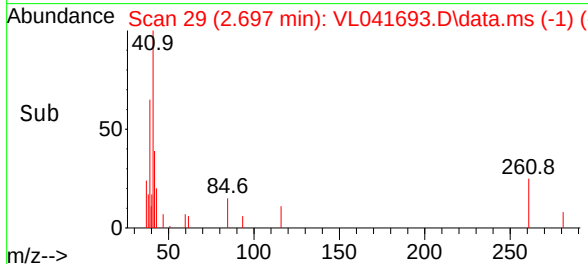
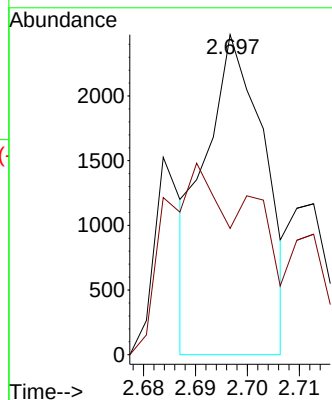
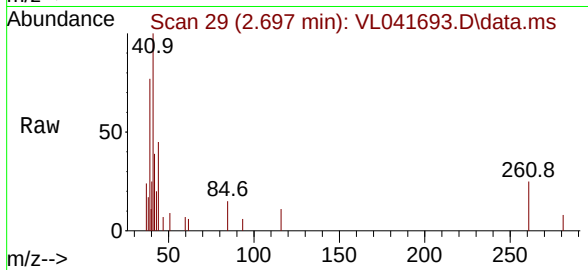
ClientSampleId :

Tgt Ion: 41 Resp: 1966

Ion Ratio Lower Upper

41 100

42 117.4 55.0 82.4#



#13

Ethanol

Concen: 0.363 ppbv

RT: 3.263 min Scan# 205

Delta R.T. 0.016 min

Lab File: VL041693.D

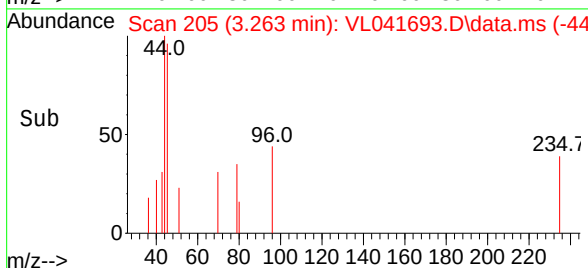
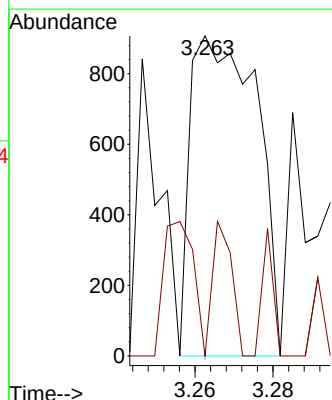
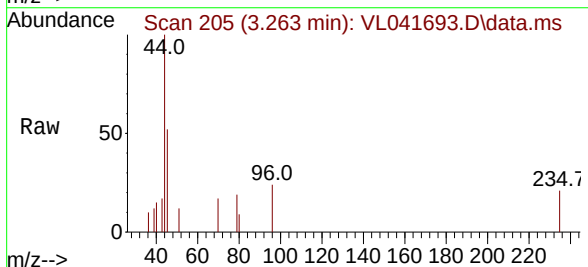
Acq: 8 Nov 2024 1:00

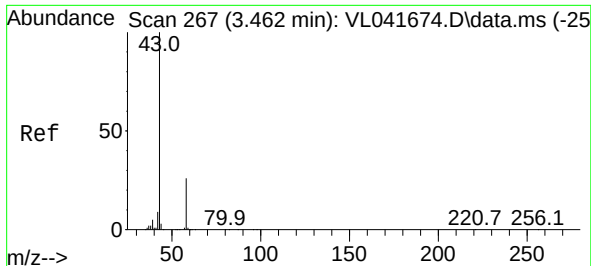
Tgt Ion: 45 Resp: 1073

Ion Ratio Lower Upper

45 100

46 46.4 13.8 55.2

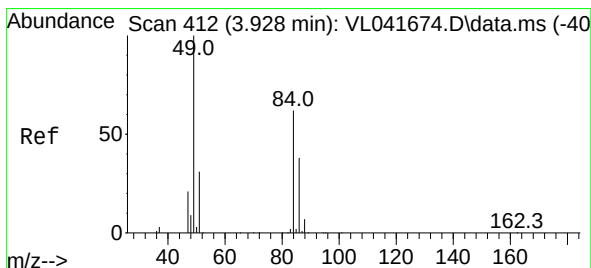
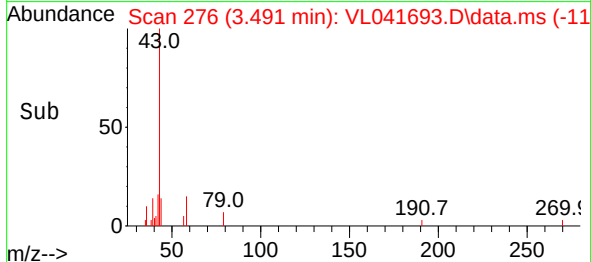
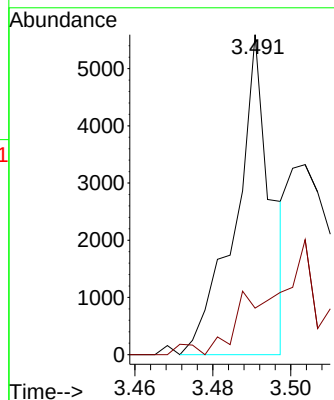
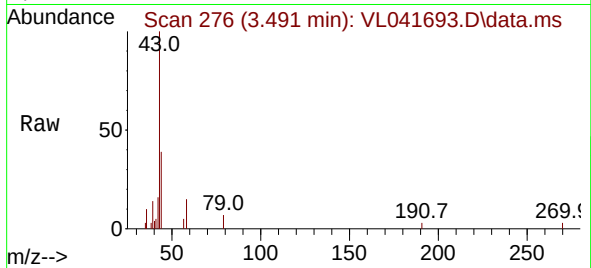




#15
Acetone
Concen: 0.034 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL041693.D
Acq: 8 Nov 2024 1:00

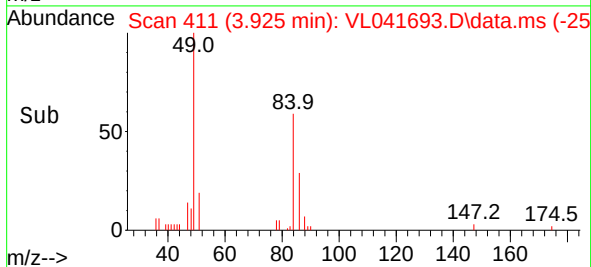
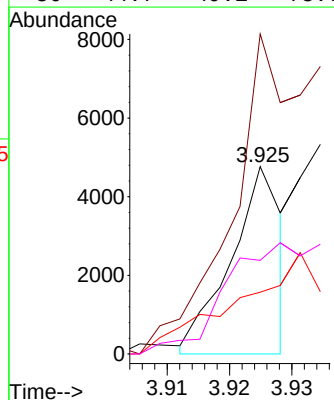
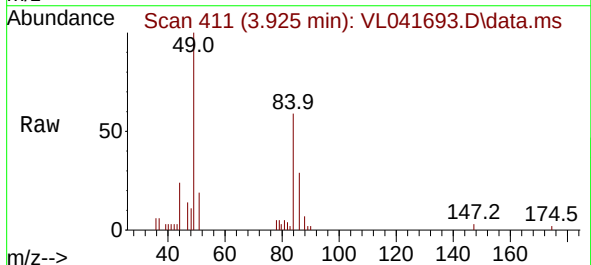
Instrument :
MSVOA_L
ClientSampleId :

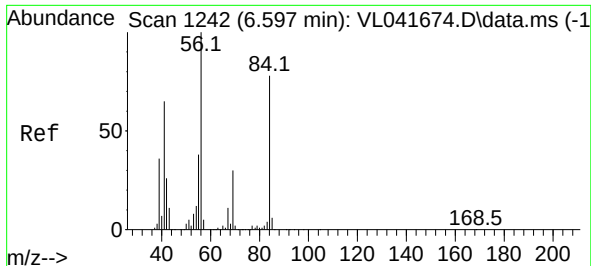
Tgt Ion: 43 Resp: 3531
Ion Ratio Lower Upper
43 100
58 0.0 21.4 32.0#



#20
Methylene Chloride
Concen: 0.070 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL041693.D
Acq: 8 Nov 2024 1:00

Tgt Ion: 84 Resp: 2706
Ion Ratio Lower Upper
84 100
49 159.1 129.7 194.5
51 19.5 39.8 59.6#
86 44.7 49.1 73.7#





#30

Cyclohexane

Concen: 0.068 ppbv

RT: 6.642 min Scan# 11

Delta R.T. 0.045 min

Lab File: VL041693.D

Acq: 8 Nov 2024 1:00

Instrument :

MSVOA_L

ClientSampleId :

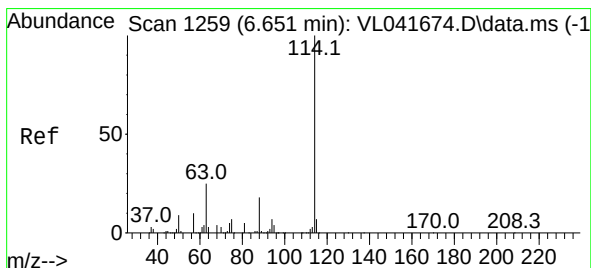
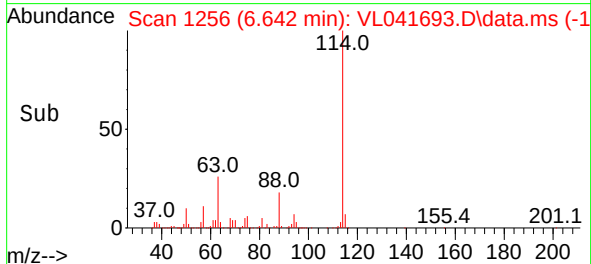
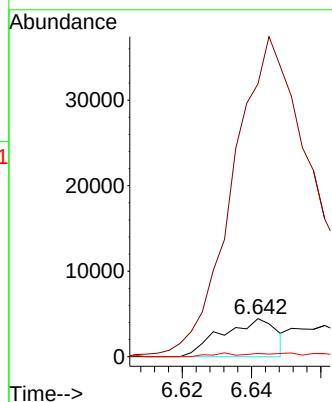
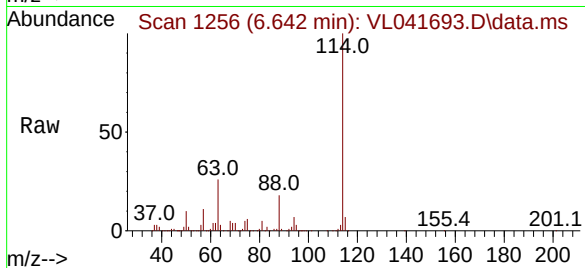
Tgt Ion: 84 Resp: 4853

Ion Ratio Lower Upper

84 100

56 1362.4 110.8 166.2#

41 15.6 70.0 105.0#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 1257

Delta R.T. -0.006 min

Lab File: VL041693.D

Acq: 8 Nov 2024 1:00

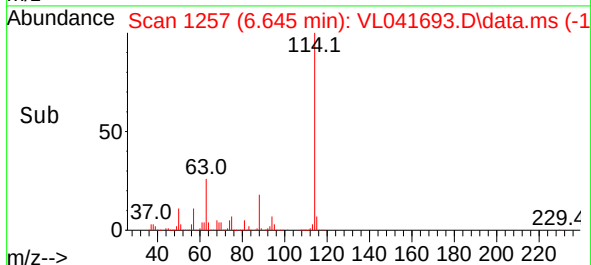
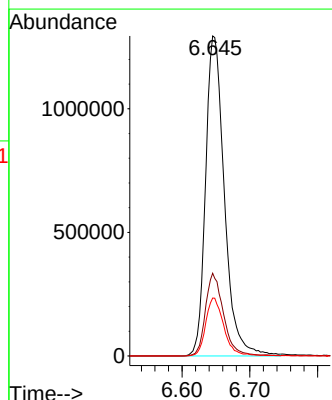
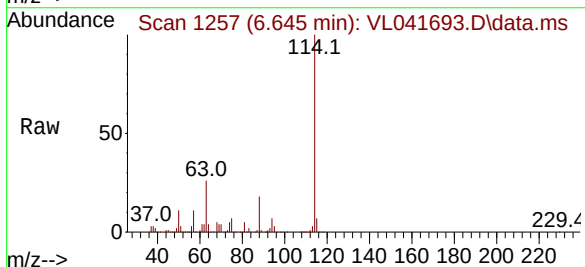
Tgt Ion: 114 Resp: 2494152

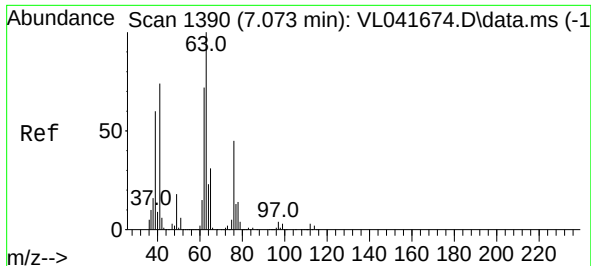
Ion Ratio Lower Upper

114 100

63 25.1 20.3 30.5

88 17.7 14.2 21.4





#39

1,2-Dichloropropane

Concen: 8.456 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.428 min

Lab File: VL041693.D

Acq: 8 Nov 2024 1:00

Instrument :

MSVOA_L

ClientSampleId :

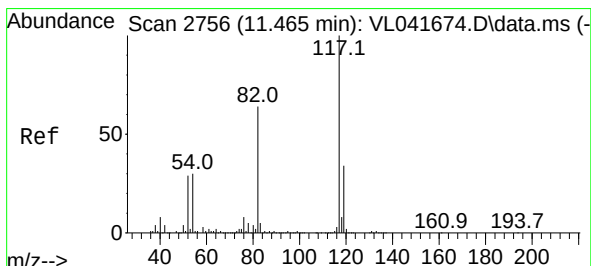
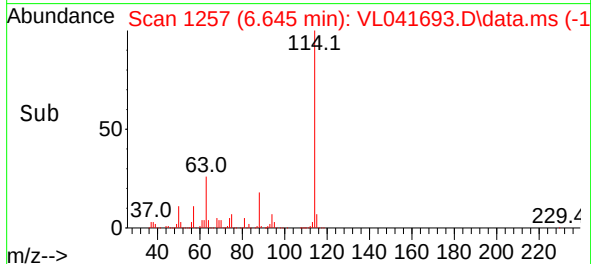
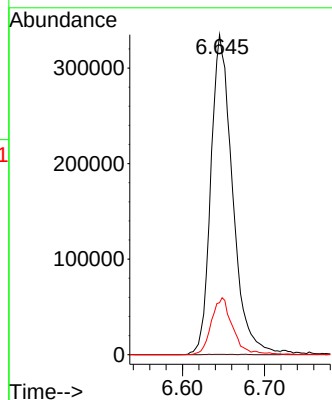
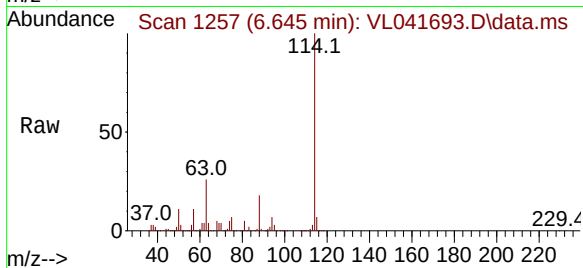
Tgt Ion: 63 Resp: 617570

Ion Ratio Lower Upper

63 100

41 0.1 59.1 88.7#

62 16.3 57.7 86.5#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. -0.003 min

Lab File: VL041693.D

Acq: 8 Nov 2024 1:00

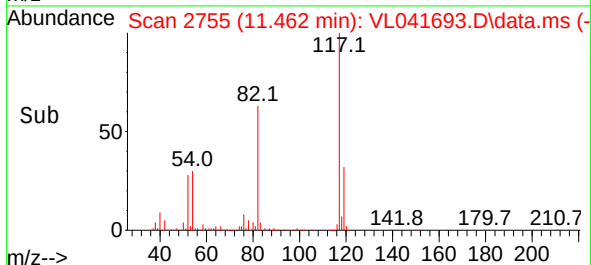
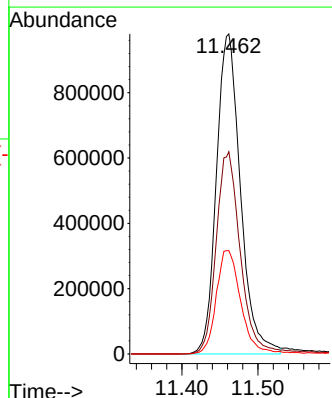
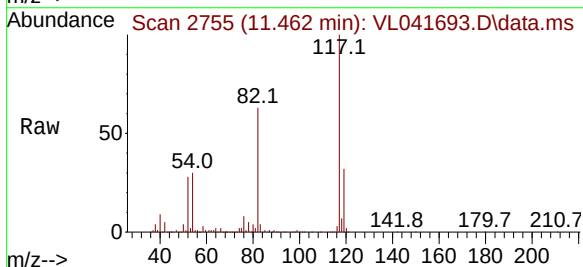
Tgt Ion:117 Resp: 2154687

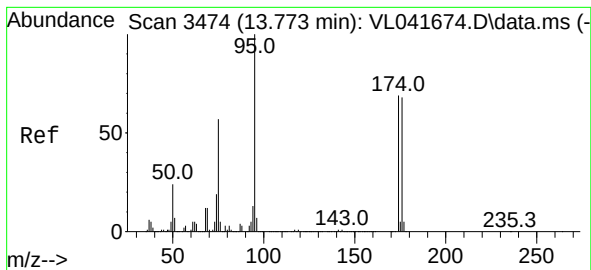
Ion Ratio Lower Upper

117 100

82 64.6 49.8 74.8

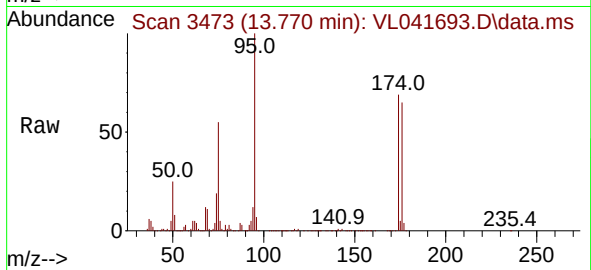
119 33.4 24.2 36.4





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.836 ppbv
 RT: 13.770 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: VL041693.D
 Acq: 8 Nov 2024 1:00

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1561545

Ion	Ratio	Lower	Upper
95	100		
174	71.7	55.6	83.4
175	5.1	4.2	6.2

