

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
 Data File : VL041536.D
 Acq On : 12 Aug 2024 14:49
 Operator : SY/MD
 Sample : P3496-06DL2 400X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-3DL2

Quant Time: Aug 13 02:14:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 13 02:09:20 2024
 Response via : Initial Calibration

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

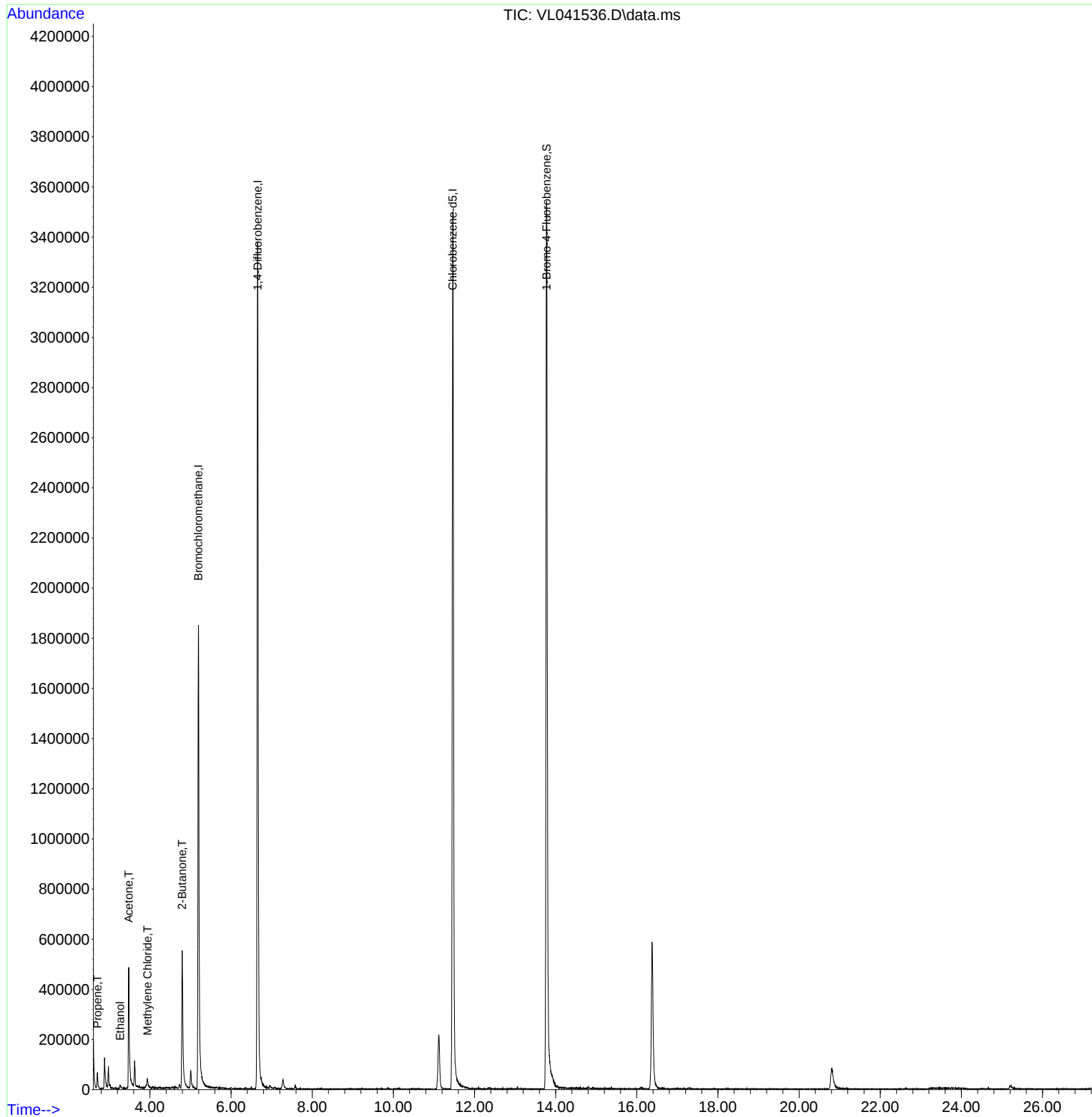
Internal Standards						
1) Bromochloromethane	5.195	49	930755	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2514453	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2314812	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1737742	9.755	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%
Target Compounds						
					Qvalue	
9) Propene	2.703	41	25618	0.503	ppbv	99
13) Ethanol	3.266	45	11845	2.604	ppbv	66
15) Acetone	3.478	43	522747	4.943	ppbv	93
20) Methylene Chloride	3.944	84	10267	0.260	ppbv	86
34) 2-Butanone	4.793	43	705545	5.801	ppbv	98

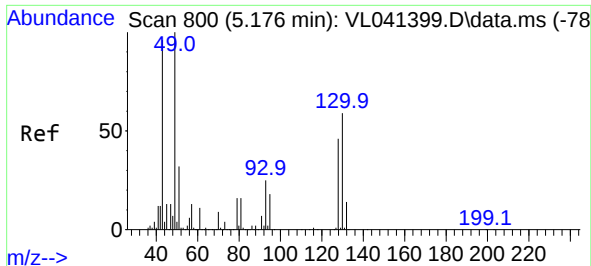
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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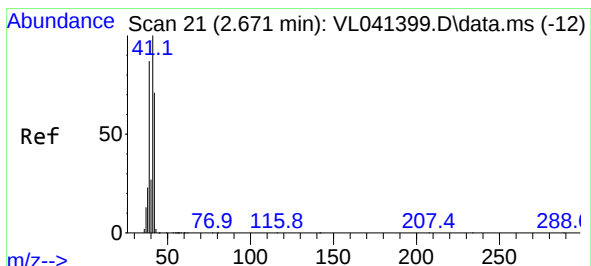
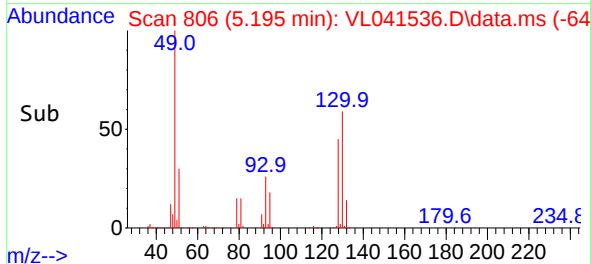
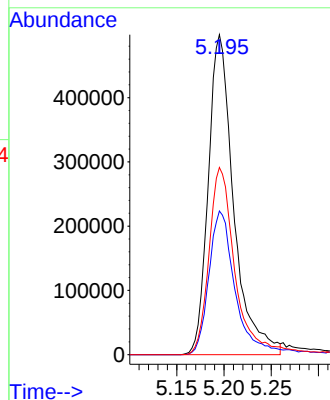
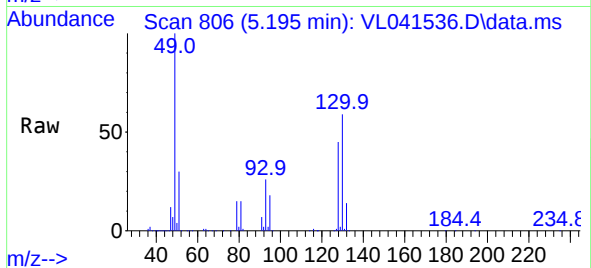




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041536.D
Acq: 12 Aug 2024 14:49

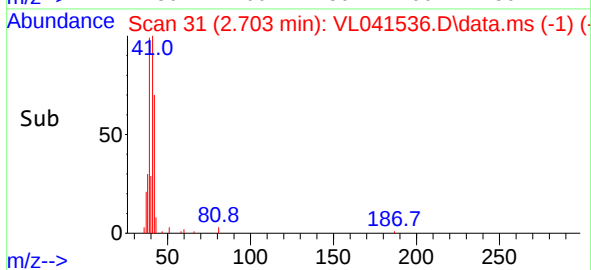
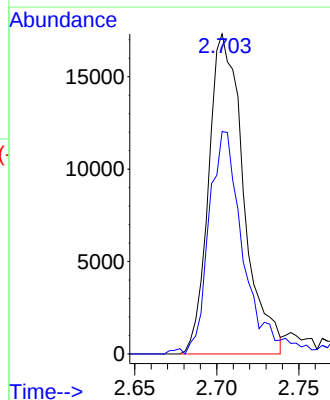
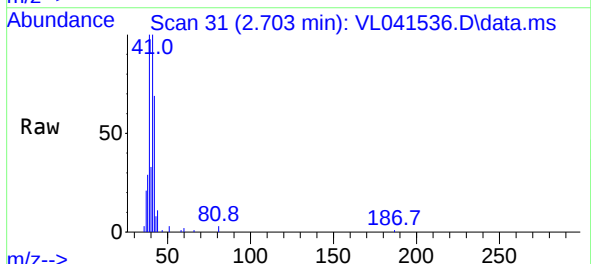
Instrument :
MSVOA_L
ClientSampleId :
SV-3DL2

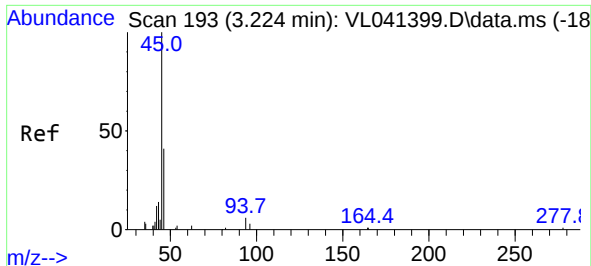
Tgt Ion: 49 Resp: 930755
Ion Ratio Lower Upper
49 100
128 48.7 23.8 71.4
130 62.5 30.8 92.4



#9
Propene
Concen: 0.503 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041536.D
Acq: 12 Aug 2024 14:49

Tgt Ion: 41 Resp: 25618
Ion Ratio Lower Upper
41 100
42 69.2 55.9 83.9

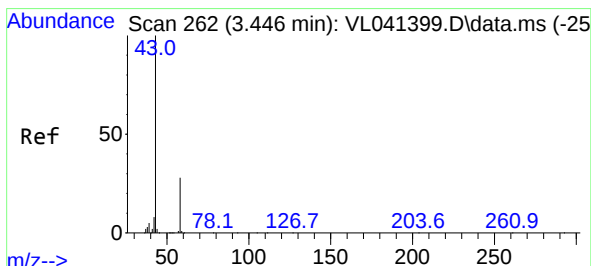
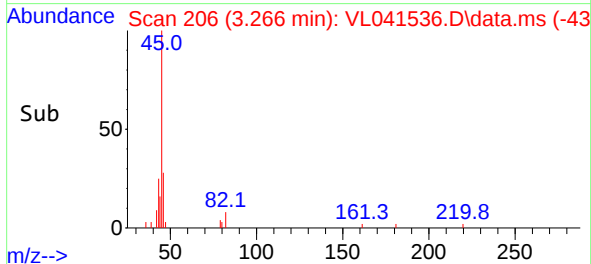
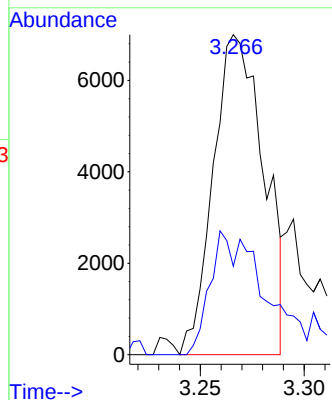
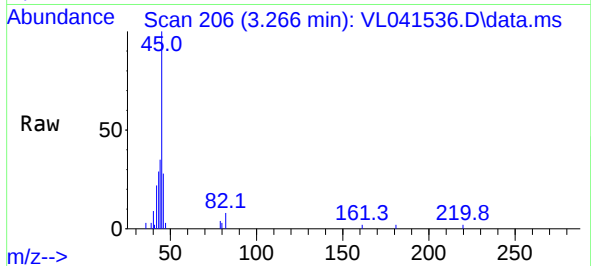




#13
Ethanol
Concen: 2.604 ppbv
RT: 3.266 min Scan# 206
Delta R.T. 0.023 min
Lab File: VL041536.D
Acq: 12 Aug 2024 14:49

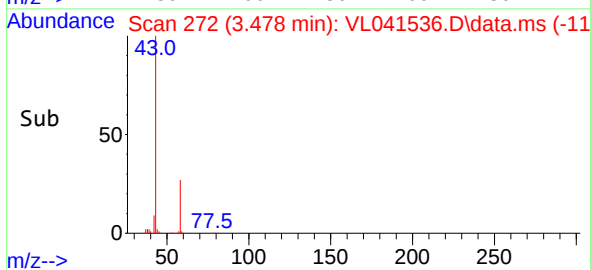
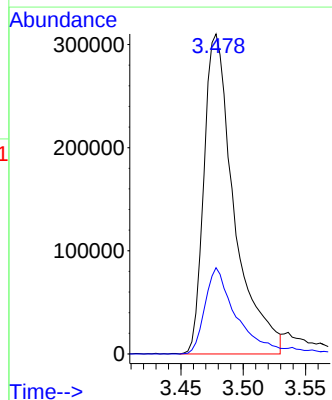
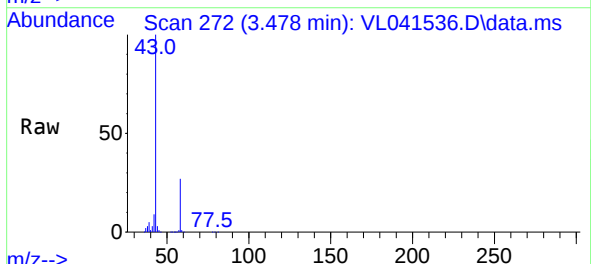
Instrument :
MSVOA_L
ClientSampleId :
SV-3DL2

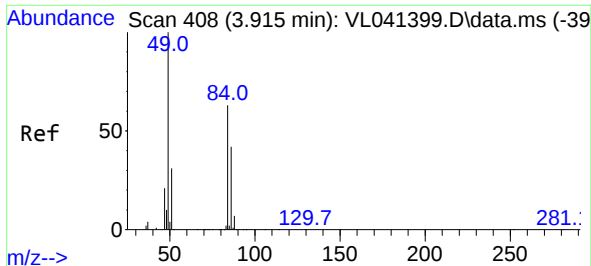
Tgt Ion: 45 Resp: 11845
Ion Ratio Lower Upper
45 100
46 53.0 13.4 53.4



#15
Acetone
Concen: 4.943 ppbv
RT: 3.478 min Scan# 272
Delta R.T. 0.010 min
Lab File: VL041536.D
Acq: 12 Aug 2024 14:49

Tgt Ion: 43 Resp: 522747
Ion Ratio Lower Upper
43 100
58 30.5 21.4 32.2



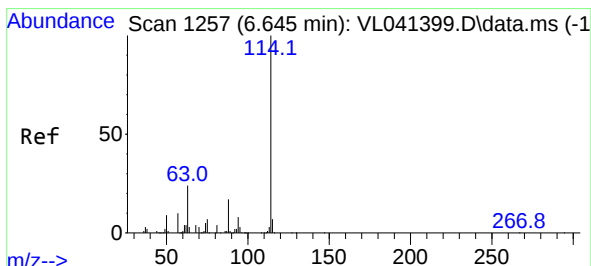
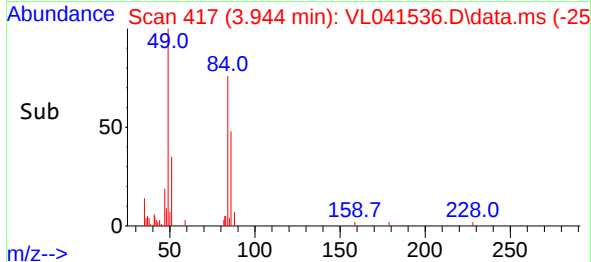
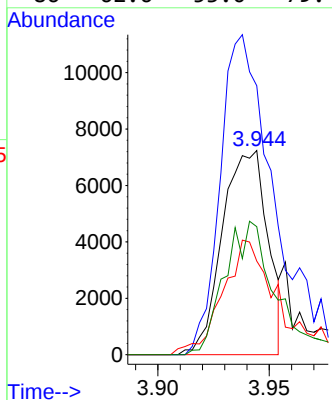
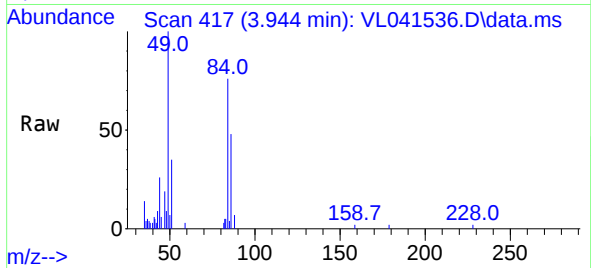


#20
Methylene Chloride
Concen: 0.260 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.013 min
Lab File: VL041536.D
Acq: 12 Aug 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
SV-3DL2

Tgt Ion: 84 Resp: 10267

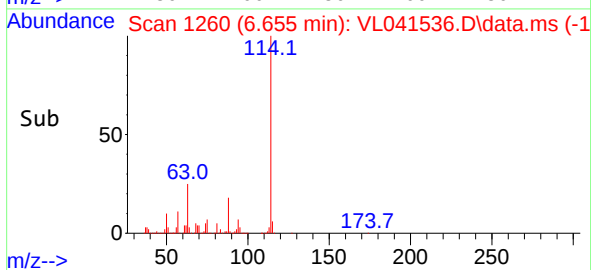
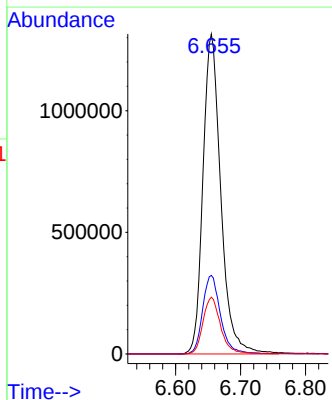
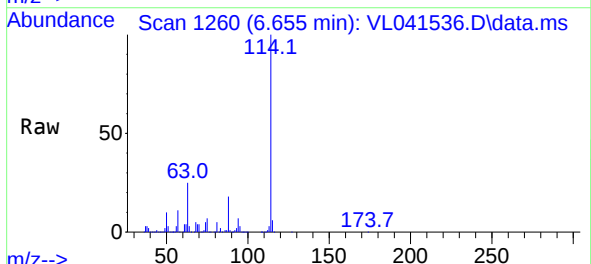
Ion	Ratio	Lower	Upper
84	100		
49	131.7	126.6	190.0
51	42.9	38.6	58.0
86	62.6	53.0	79.4

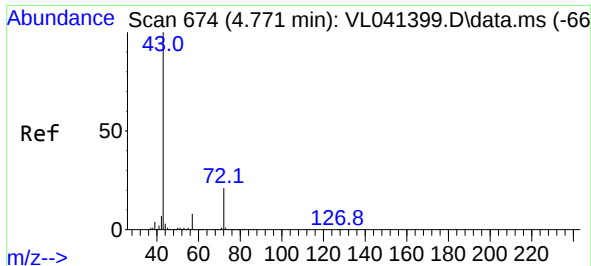


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VL041536.D
Acq: 12 Aug 2024 14:49

Tgt Ion: 114 Resp: 2514453

Ion	Ratio	Lower	Upper
114	100		
63	25.0	20.3	30.5
88	17.7	14.3	21.5

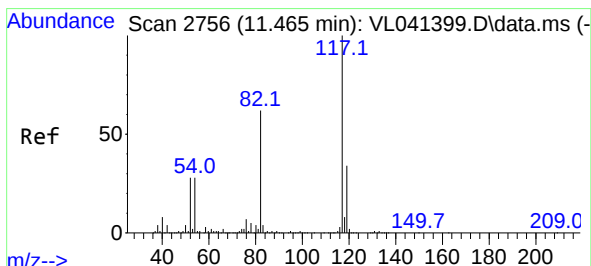
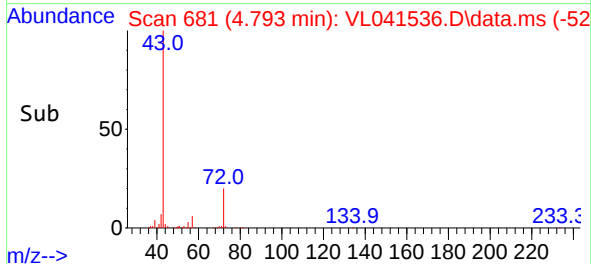
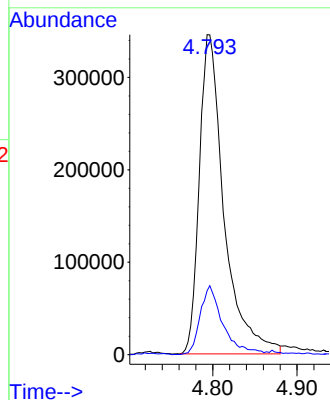
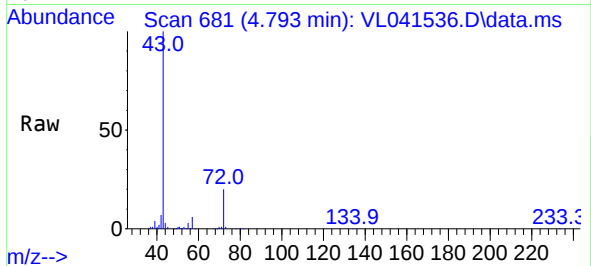




#34
2-Butanone
Concen: 5.801 ppbv
RT: 4.793 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL041536.D
Acq: 12 Aug 2024 14:49

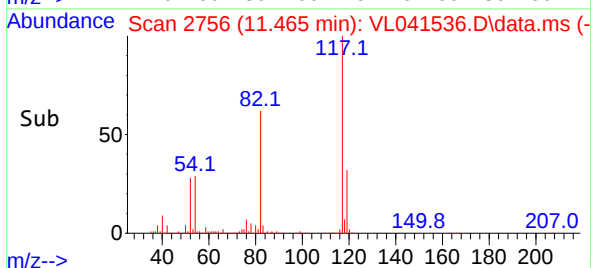
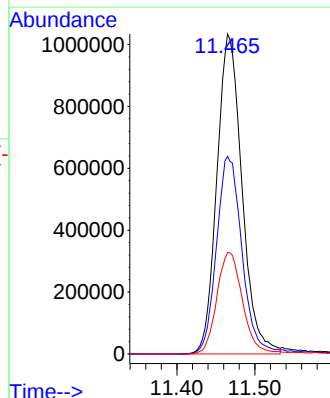
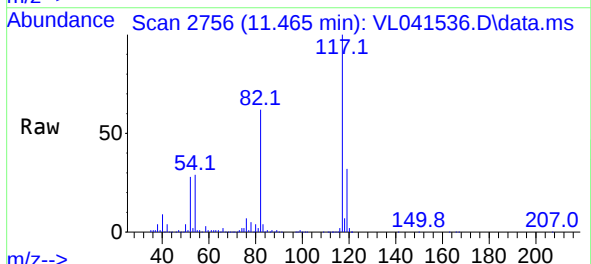
Instrument :
MSVOA_L
ClientSampleId :
SV-3DL2

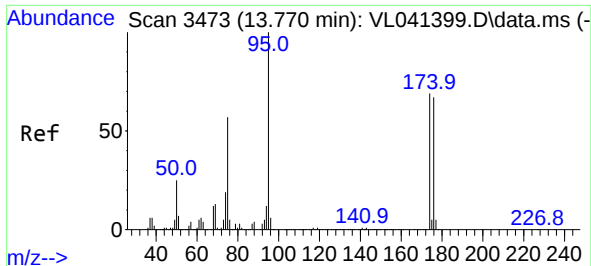
Tgt Ion: 43 Resp: 705545
Ion Ratio Lower Upper
43 100
72 20.8 17.3 25.9



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041536.D
Acq: 12 Aug 2024 14:49

Tgt Ion: 117 Resp: 2314812
Ion Ratio Lower Upper
117 100
82 64.3 51.0 76.6
119 33.1 45.2 67.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.755 ppbv
RT: 13.774 min Scan# 34
Delta R.T. 0.000 min
Lab File: VL041536.D
Acq: 12 Aug 2024 14:49

Instrument :
MSVOA_L
ClientSampleId :
SV-3DL2

Tgt Ion: 95 Resp: 1737742
Ion Ratio Lower Upper
95 100
174 71.6 56.3 84.5
175 5.0 4.0 6.0

