

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050525\
 Data File : VL042485.D
 Acq On : 05 May 2025 20:26
 Operator : SY/MD
 Sample : QC042825 CAN 10492
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC042825 CAN 10492

Quant Time: May 06 01:46:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 02 03:16:31 2025
 Response via : Initial Calibration

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

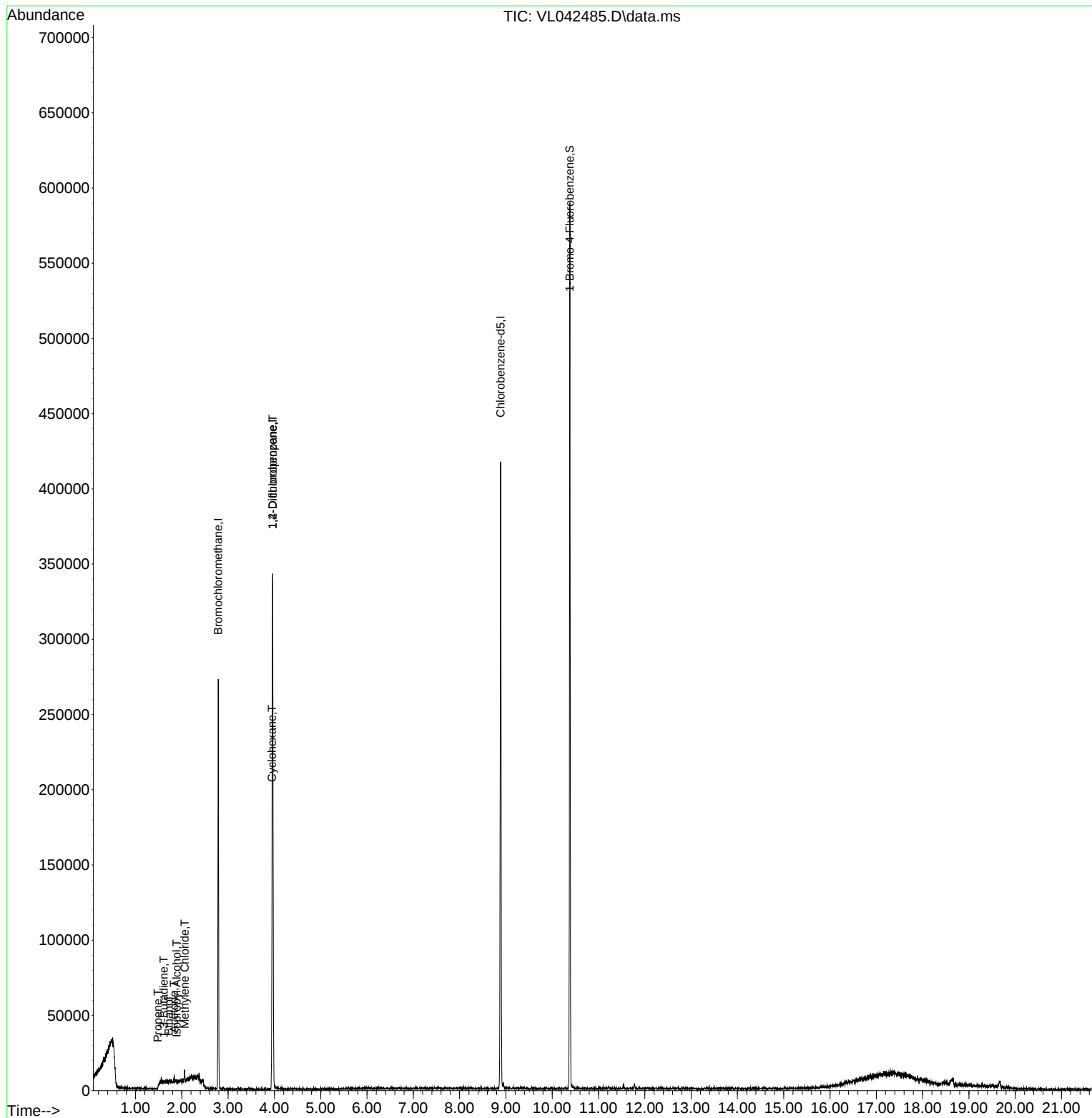
Internal Standards						
1) Bromochloromethane	2.787	49	62446	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	169909	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	147043	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	133429	9.787	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						
					Qvalue	
9) Propene	1.483	41	126	0.035	ppbv #	16
13) Ethanol	1.719	45	241	0.332	ppbv	73
15) Acetone	1.832	43	2286	0.201	ppbv #	90
16) 1,3-Butadiene	1.609	39	185	0.037	ppbv #	15
19) Isopropyl Alcohol	1.887	45	334	0.053	ppbv #	94
20) Methylene Chloride	2.062	84	610	0.178	ppbv #	70
30) Cyclohexane	3.949	84	467	0.070	ppbv #	1
39) 1,2-Dichloropropane	3.962	63	50588	8.428	ppbv #	22

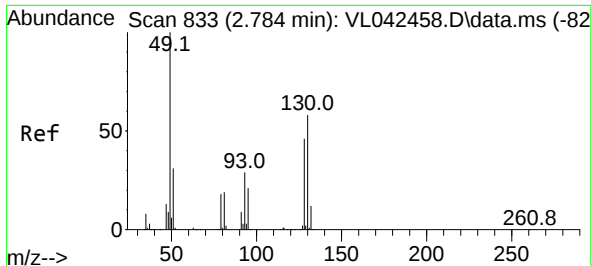
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.787 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL042485.D

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ClientSampleId :

QC042825 CAN 10492

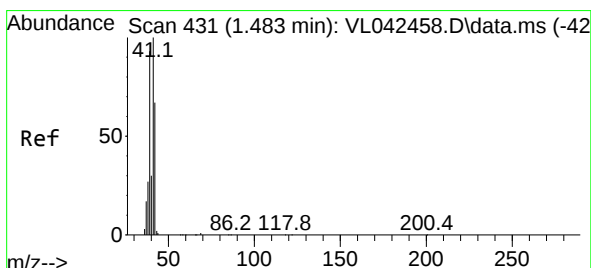
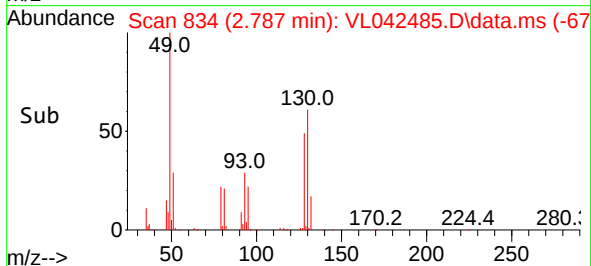
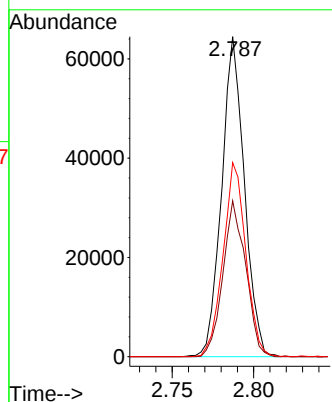
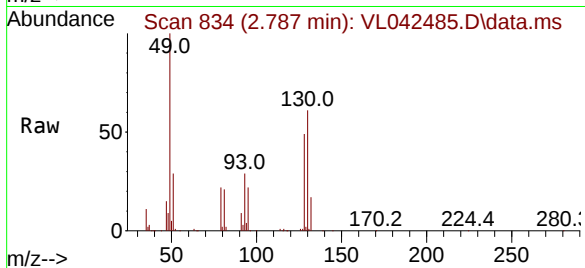
Tgt Ion: 49 Resp: 62446

Ion Ratio Lower Upper

49 100

128 48.8 23.3 69.9

130 60.8 29.5 88.6



#9

Propene

Concen: 0.035 ppbv

RT: 1.483 min Scan# 431

Delta R.T. 0.000 min

Lab File: VL042485.D

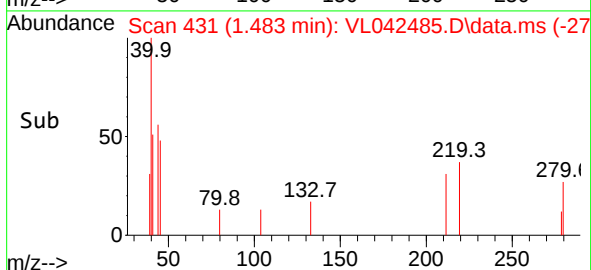
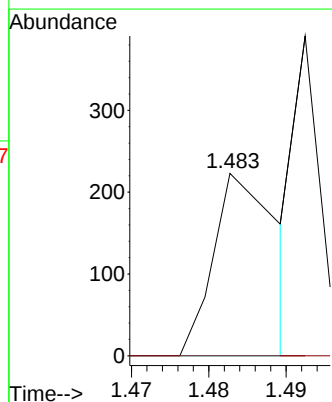
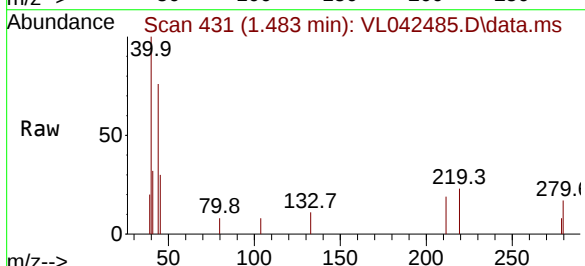
Acq: 05 May 2025 20:26

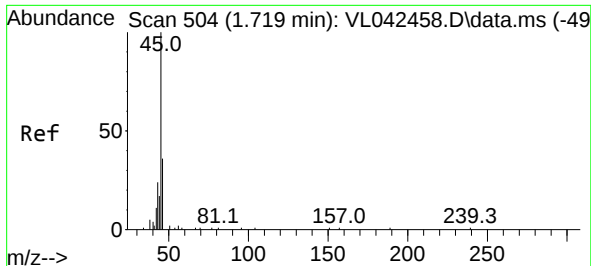
Tgt Ion: 41 Resp: 126

Ion Ratio Lower Upper

41 100

42 0.0 54.3 81.5#

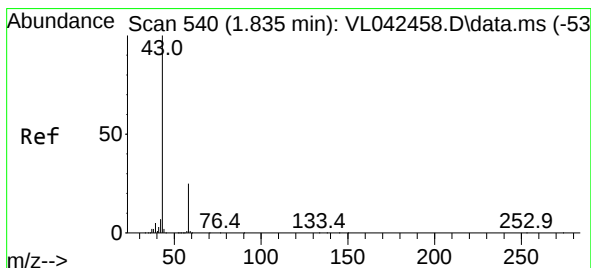
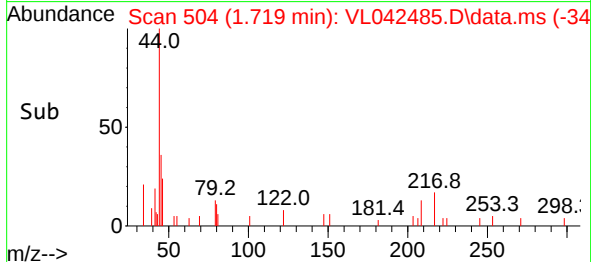
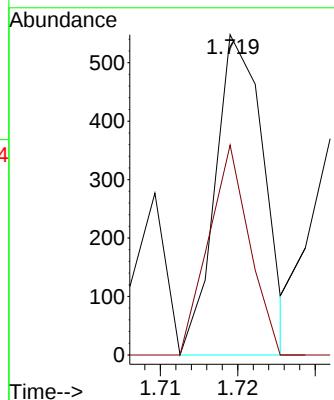
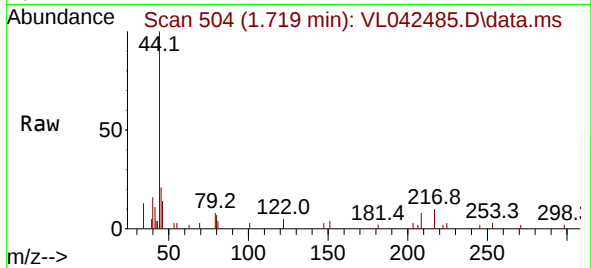




#13
Ethanol
Concen: 0.332 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042485.D
Acq: 05 May 2025 20:26

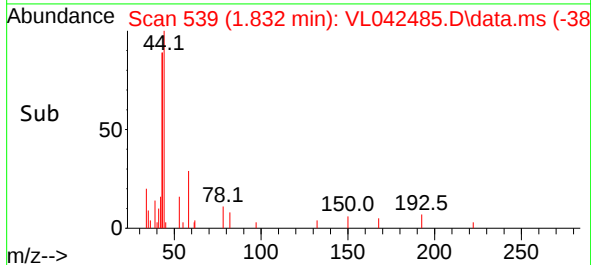
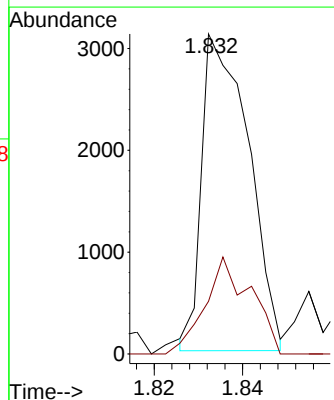
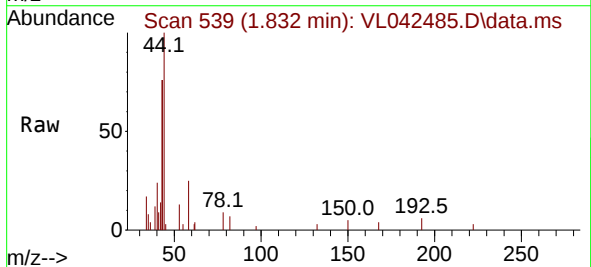
Instrument :
MSVOA_L
ClientSampleId :
QC042825 CAN 10492

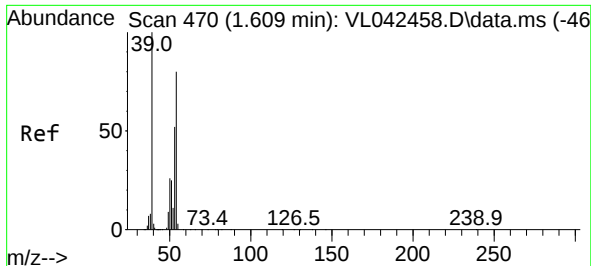
Tgt Ion: 45 Resp: 241
Ion Ratio Lower Upper
45 100
46 54.8 15.3 61.1



#15
Acetone
Concen: 0.201 ppbv
RT: 1.832 min Scan# 539
Delta R.T. -0.003 min
Lab File: VL042485.D
Acq: 05 May 2025 20:26

Tgt Ion: 43 Resp: 2286
Ion Ratio Lower Upper
43 100
58 29.8 19.8 29.8#





#16

1,3-Butadiene

Concen: 0.037 ppbv

RT: 1.609 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042485.D

Acq: 05 May 2025 20:26

Instrument :

MSVOA_L

ClientSampleId :

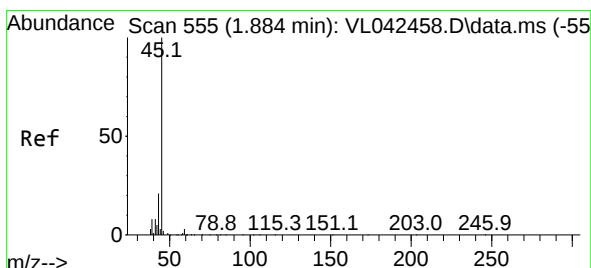
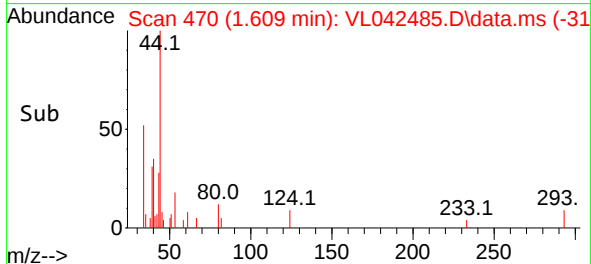
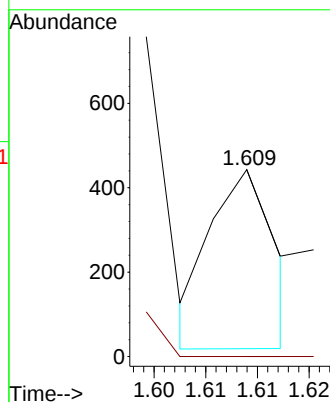
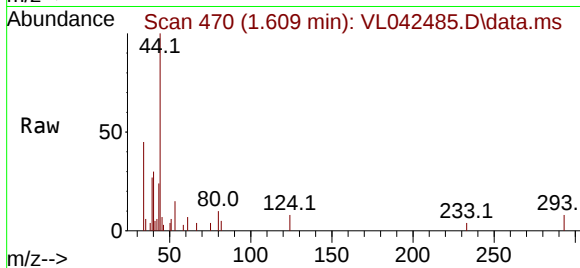
QC042825 CAN 10492

Tgt Ion: 39 Resp: 185

Ion Ratio Lower Upper

39 100

54 0.0 55.2 82.8#



#19

Isopropyl Alcohol

Concen: 0.053 ppbv

RT: 1.887 min Scan# 556

Delta R.T. 0.003 min

Lab File: VL042485.D

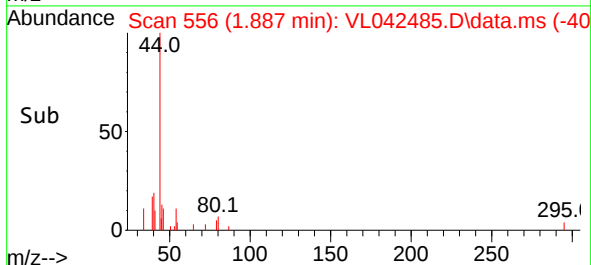
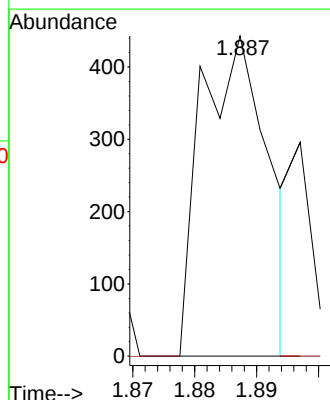
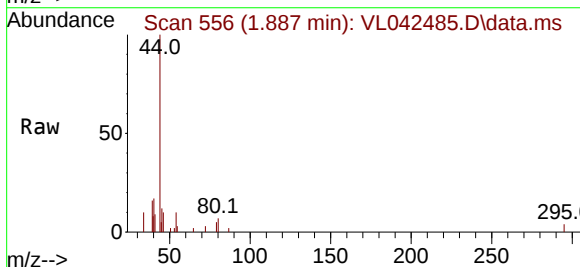
Acq: 05 May 2025 20:26

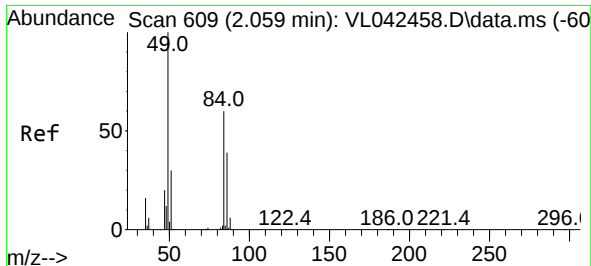
Tgt Ion: 45 Resp: 334

Ion Ratio Lower Upper

45 100

58 0.0 1.6 2.4#

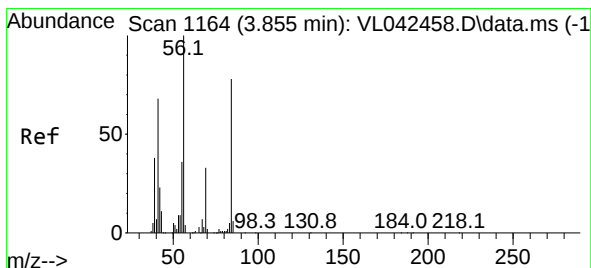
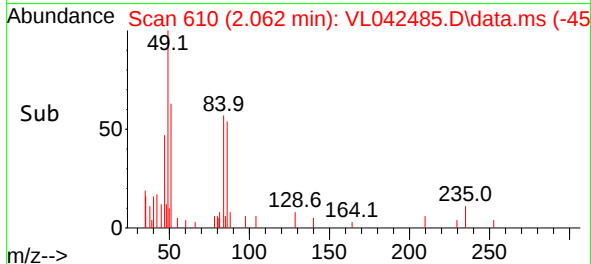
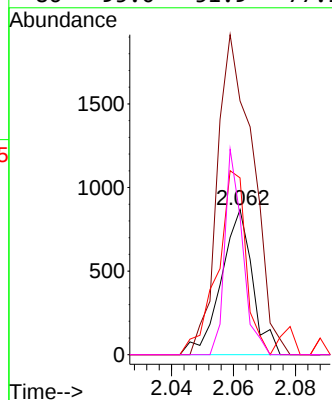
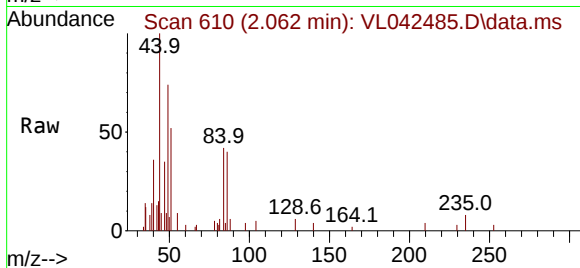




#20
Methylene Chloride
Concen: 0.178 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042485.D
Acq: 05 May 2025 20:26

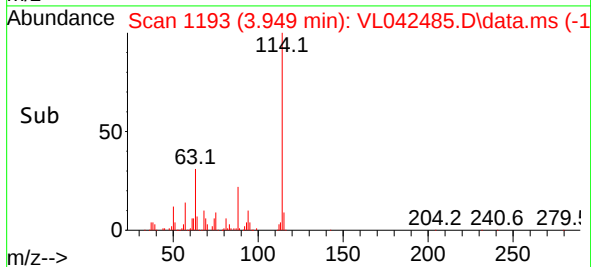
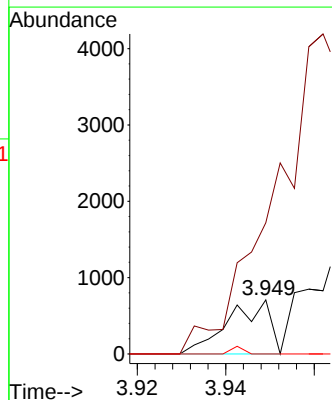
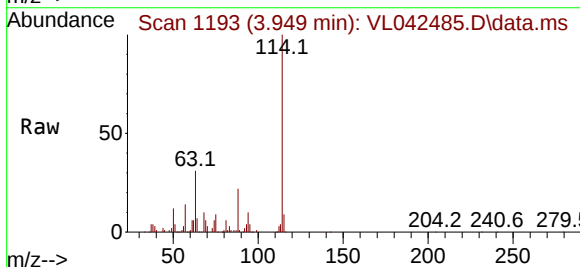
Instrument :
MSVOA_L
ClientSampleId :
QC042825 CAN 10492

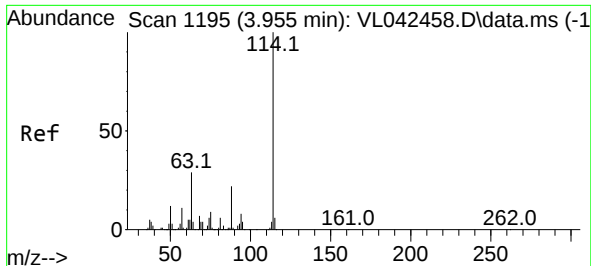
Tgt Ion:	84	Resp:	610
Ion	Ratio	Lower	Upper
84	100		
49	174.9	133.9	200.9
51	121.9	41.0	61.6#
86	95.0	51.9	77.9#



#30
Cyclohexane
Concen: 0.070 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. 0.094 min
Lab File: VL042485.D
Acq: 05 May 2025 20:26

Tgt Ion:	84	Resp:	467
Ion	Ratio	Lower	Upper
84	100		
56	0.0	98.1	147.1#
41	4.3	65.8	98.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.007 min

Lab File: VL042485.D

Acq: 05 May 2025 20:26

Instrument :

MSVOA_L

ClientSampleId :

QC042825 CAN 10492

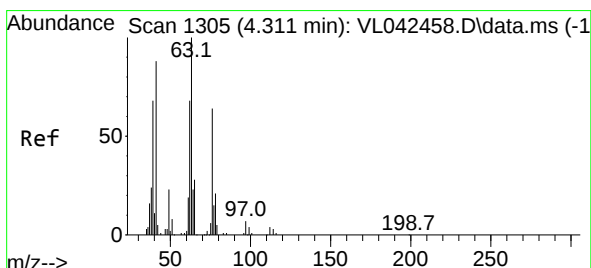
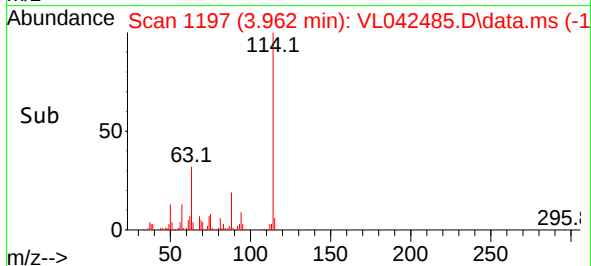
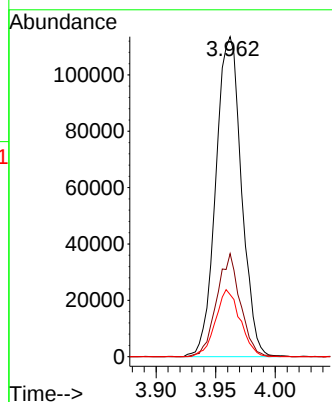
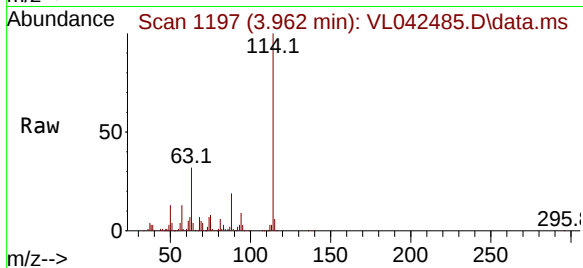
Tgt Ion:114 Resp: 169909

Ion Ratio Lower Upper

114 100

63 29.8 23.1 34.7

88 20.2 16.1 24.1



#39

1,2-Dichloropropane

Concen: 8.428 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.349 min

Lab File: VL042485.D

Acq: 05 May 2025 20:26

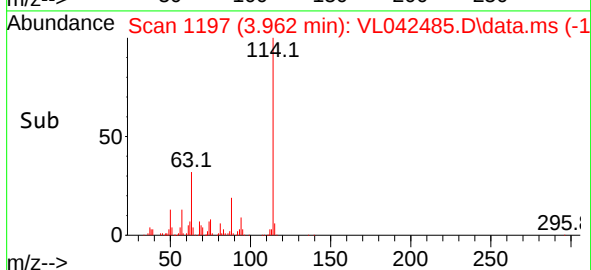
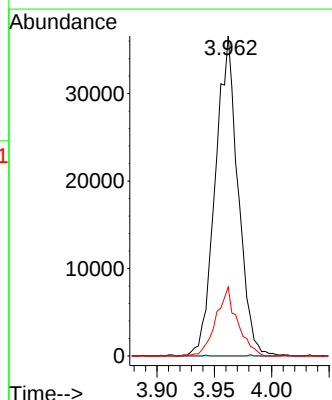
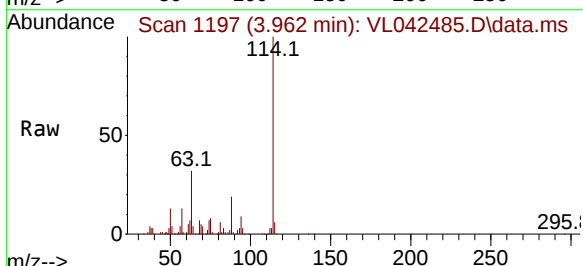
Tgt Ion: 63 Resp: 50588

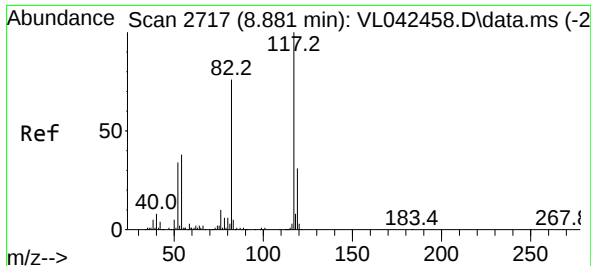
Ion Ratio Lower Upper

63 100

41 0.0 69.8 104.6#

62 21.5 54.3 81.5#

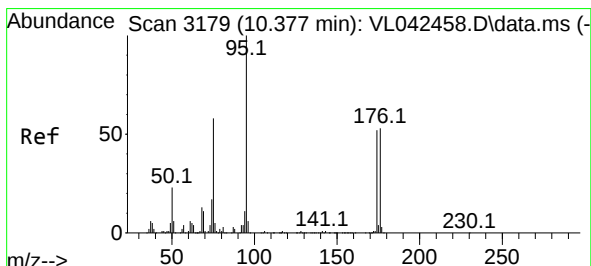
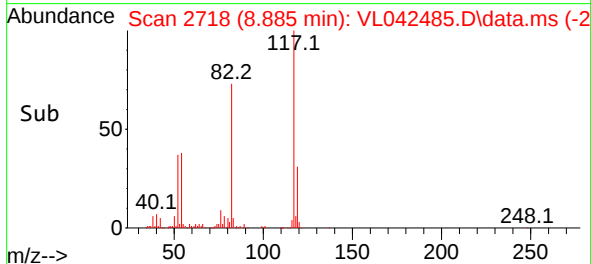
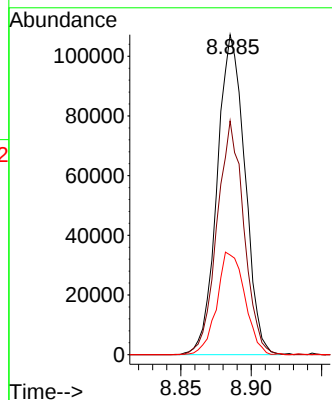
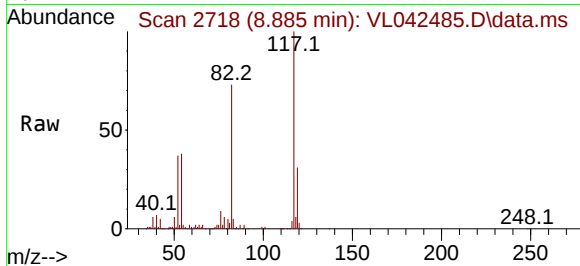




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042485.D
Acq: 05 May 2025 20:26

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QC042825 CAN 10492

Tgt Ion: 117 Resp: 147043
Ion Ratio Lower Upper
117 100
82 70.8 63.5 95.3
119 32.4 25.8 38.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.787 ppbv
RT: 10.380 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VL042485.D
Acq: 05 May 2025 20:26

Tgt Ion: 95 Resp: 133429
Ion Ratio Lower Upper
95 100
174 54.2 42.7 64.1
175 3.7 3.6 5.4

