Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100625\
Data File : VL043047.D
Acq On : 06 Oct 2025 10:50
Operator : SY/MD
Sample : QC092925 CAN 10198
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC092925 CAN 10198

Quant Time: Oct 07 01:34:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Oct 03 08:23:34 2025
Response via : Initial Calibration

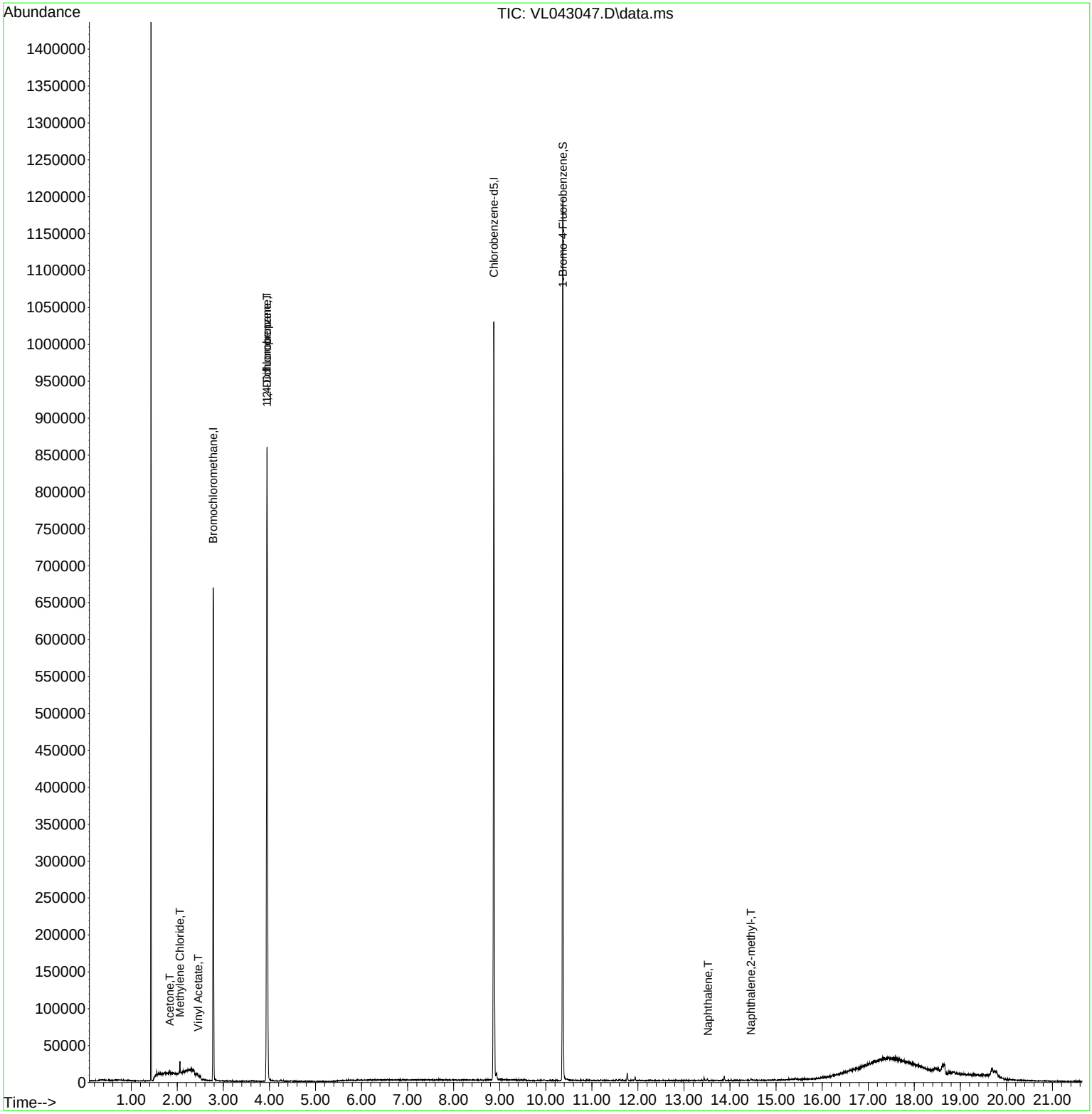
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.781	49	179875	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	513223	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	411248	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	285855	9.649	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.500%			
Target Compounds						Qvalue
13) Ethanol	1.884	45	308	Below Cal	#	1
15) Acetone	1.835	43	2012	0.080	ppbv #	51
20) Methylene Chloride	2.059	84	2608	0.237	ppbv #	84
23) Vinyl Acetate	2.454	43	182	0.034	ppbv #	62
39) 1,2-Dichloropropane	3.946	63	124974	6.876	ppbv #	22
79) Naphthalene	13.520	128	185	0.238	ppbv #	69
80) Naphthalene,2-methyl-	14.455	142	1143	0.706	ppbv	86

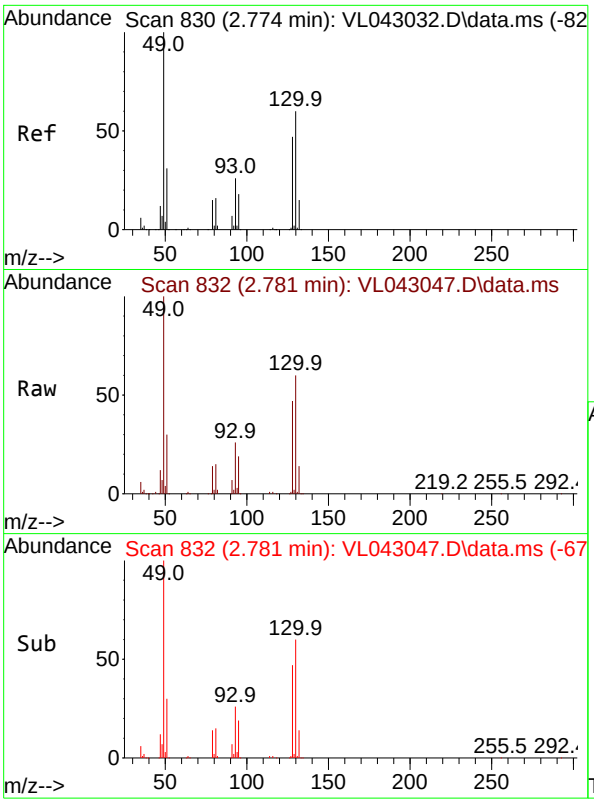
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100625\
Data File : VL043047.D
Acq On : 06 Oct 2025 10:50
Operator : SY/MD
Sample : QC092925 CAN 10198
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC092925 CAN 10198

Quant Time: Oct 07 01:34:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Oct 03 08:23:34 2025
Response via : Initial Calibration



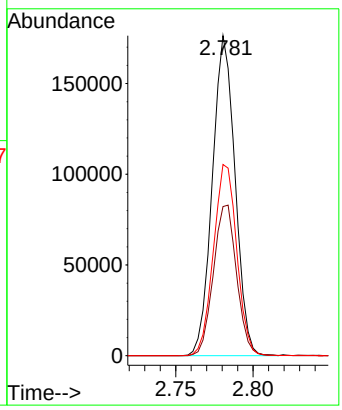


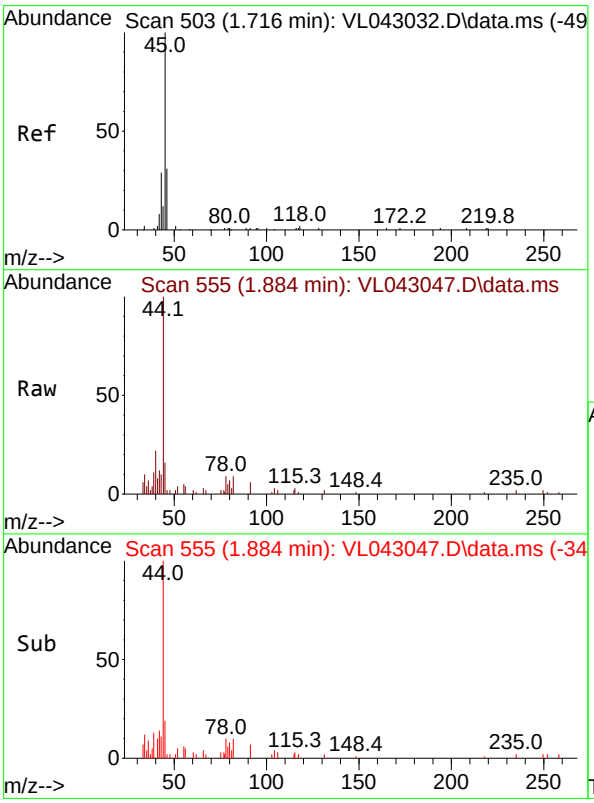
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 8
Delta R.T. 0.007 min
Lab File: VL043047.D
Acq: 06 Oct 2025 10:50

Instrument :
MSVOA_L
ClientSampleId :
QC092925 CAN 10198

Tgt Ion: 49 Resp: 179875

Ion	Ratio	Lower	Upper
49	100		
128	48.1	24.1	72.2
130	61.5	31.4	94.3

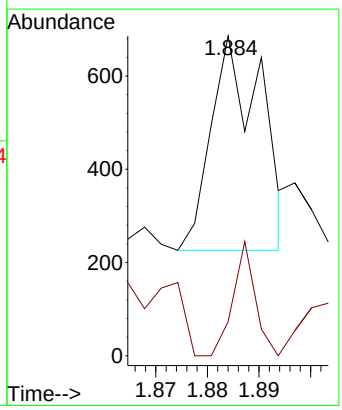


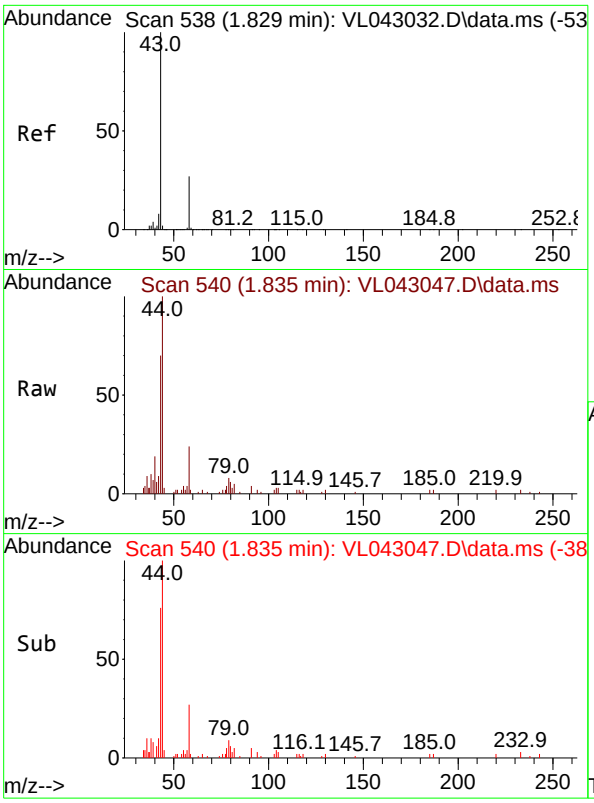


#13
Ethanol
Concen: Below Cal
RT: 1.884 min Scan# 555
Delta R.T. 0.168 min
Lab File: VL043047.D
Acq: 06 Oct 2025 10:50

Tgt Ion: 45 Resp: 308

Ion	Ratio	Lower	Upper
45	100		
46	133.8	17.8	71.4#



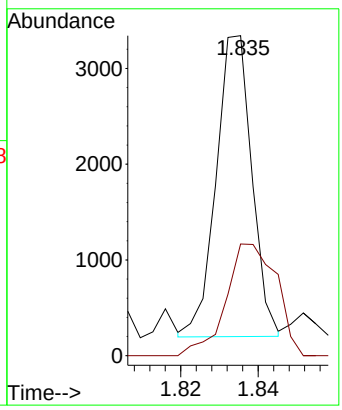


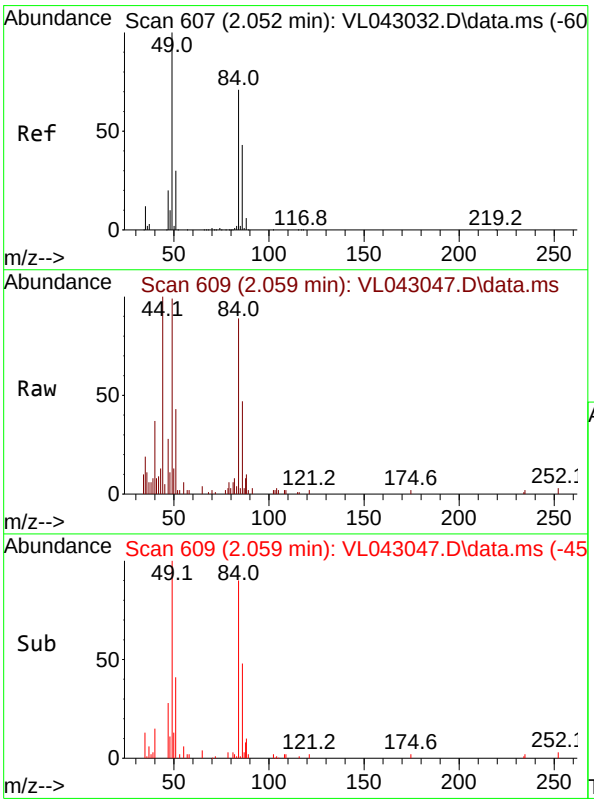
#15
Acetone
Concen: 0.080 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.007 min
Lab File: VL043047.D
Acq: 06 Oct 2025 10:50

Instrument :
MSVOA_L
ClientSampleId :
QC092925 CAN 10198

Tgt Ion: 43 Resp: 2012

Ion	Ratio	Lower	Upper
43	100		
58	53.5	22.2	33.4#

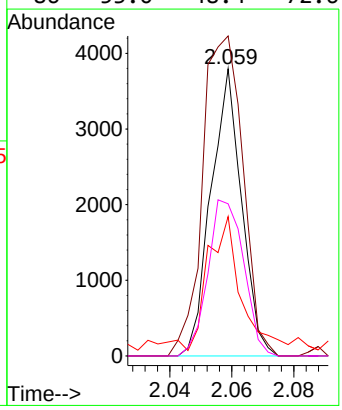


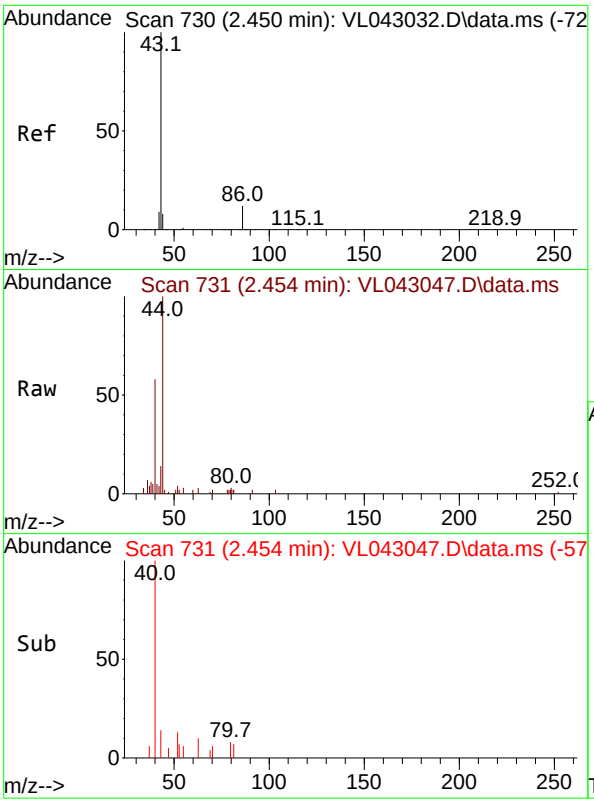


#20
Methylene Chloride
Concen: 0.237 ppbv
RT: 2.059 min Scan# 609
Delta R.T. 0.007 min
Lab File: VL043047.D
Acq: 06 Oct 2025 10:50

Tgt Ion: 84 Resp: 2608

Ion	Ratio	Lower	Upper
84	100		
49	111.4	112.5	168.7#
51	43.0	34.2	51.2
86	53.0	48.4	72.6



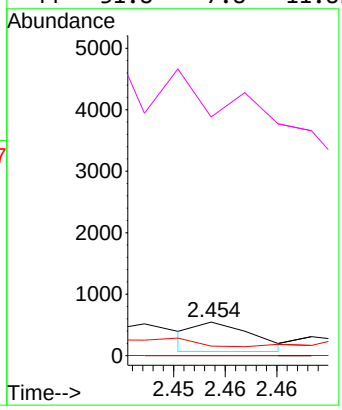


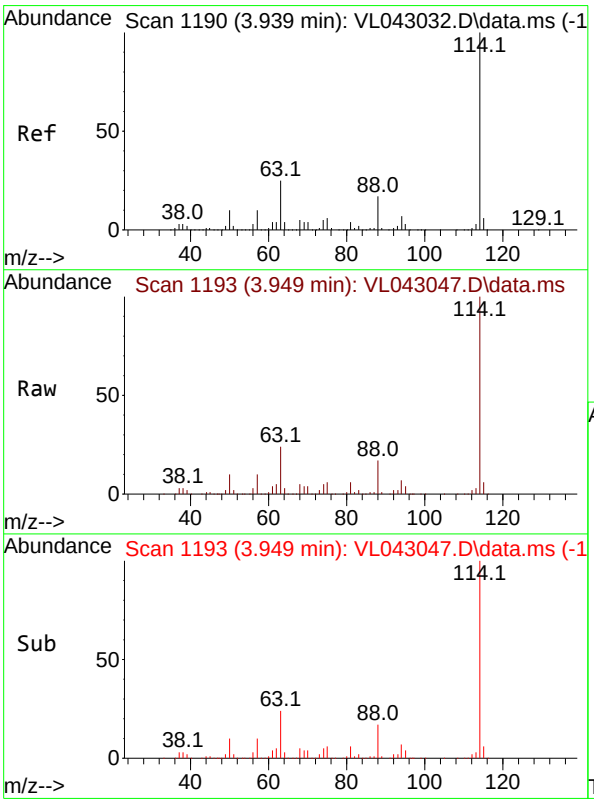
#23
Vinyl Acetate
Concen: 0.034 ppbv
RT: 2.454 min Scan# 7
Delta R.T. 0.003 min
Lab File: VL043047.D
Acq: 06 Oct 2025 10:50

Instrument :
MSVOA_L
ClientSampleId :
QC092925 CAN 10198

Tgt Ion: 43 Resp: 182

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.5	11.3#
42	0.0	8.4	12.6#
44	31.8	7.8	11.8#

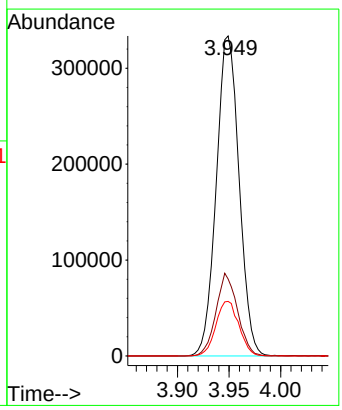


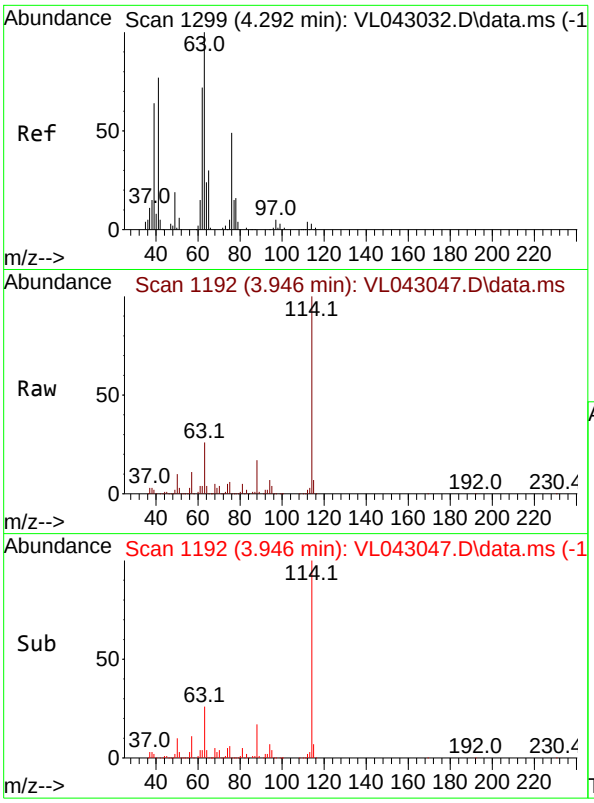


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. 0.010 min
Lab File: VL043047.D
Acq: 06 Oct 2025 10:50

Tgt Ion:114 Resp: 513223

Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.4	29.2
88	17.3	13.9	20.9



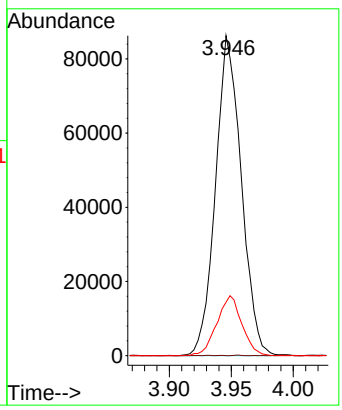


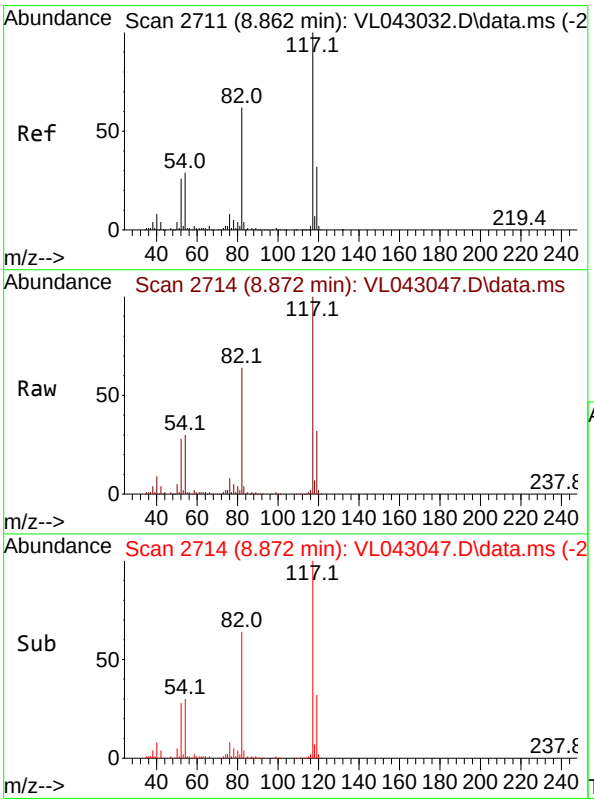
#39
1,2-Dichloropropane
Concen: 6.876 ppbv
RT: 3.946 min Scan# 11
Delta R.T. -0.346 min
Lab File: VL043047.D
Acq: 06 Oct 2025 10:50

Instrument :
MSVOA_L
ClientSampleId :
QC092925 CAN 10198

Tgt Ion: 63 Resp: 124974

Ion	Ratio	Lower	Upper
63	100		
41	0.2	61.6	92.4#
62	16.7	58.1	87.1#

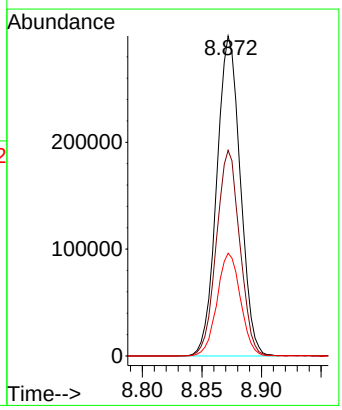


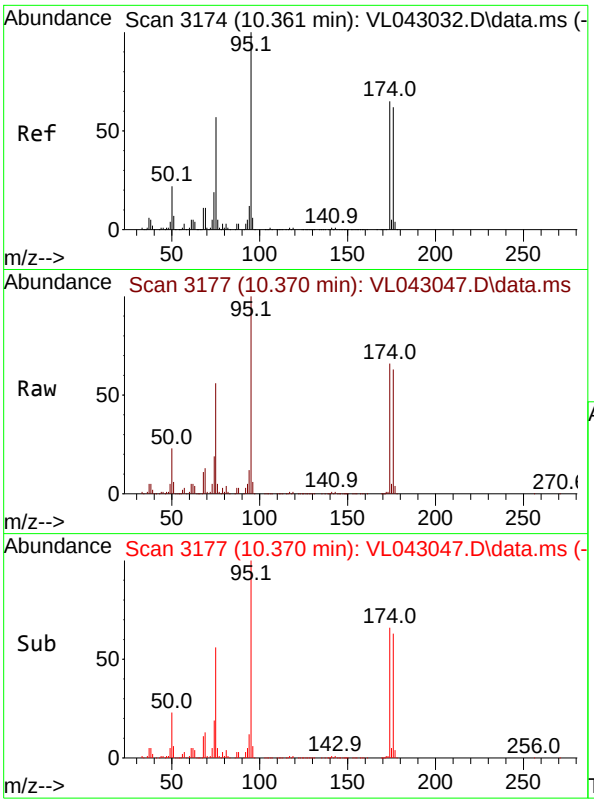


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 2714
Delta R.T. 0.010 min
Lab File: VL043047.D
Acq: 06 Oct 2025 10:50

Tgt Ion:117 Resp: 411248

Ion	Ratio	Lower	Upper
117	100		
82	64.1	53.0	79.6
119	32.1	25.4	38.2



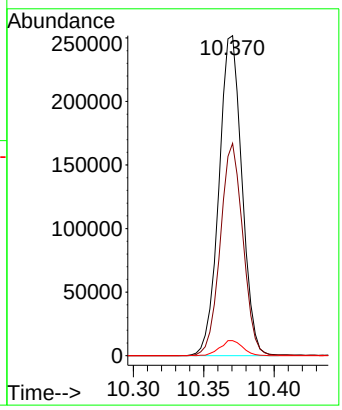


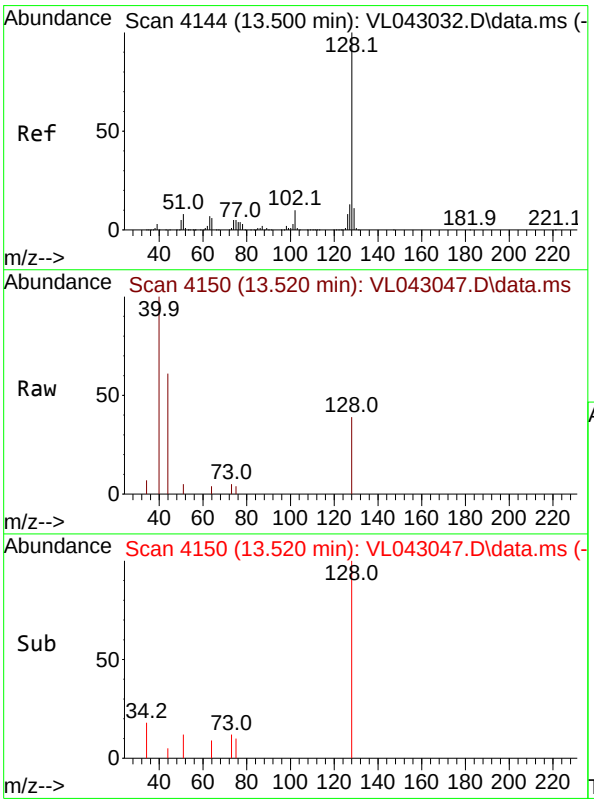
#68
1-Bromo-4-Fluorobenzene
Concen: 9.649 ppbv
RT: 10.370 min Scan# 3
Delta R.T. 0.010 min
Lab File: VL043047.D
Acq: 06 Oct 2025 10:50

Instrument :
MSVOA_L
ClientSampleId :
QC092925 CAN 10198

Tgt Ion: 95 Resp: 285855

Ion	Ratio	Lower	Upper
95	100		
174	65.5	52.3	78.5
175	4.7	3.8	5.8

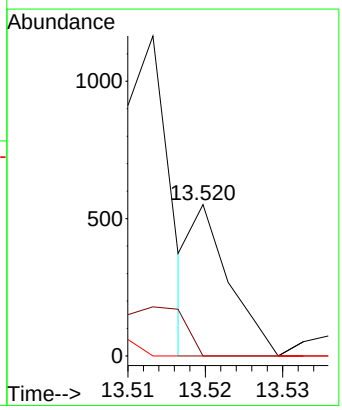


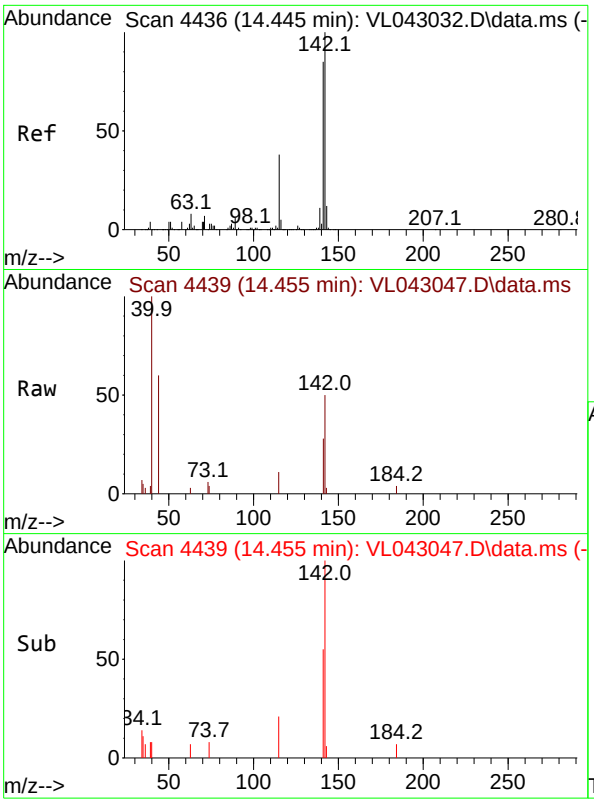


#79
Naphthalene
Concen: 0.238 ppbv
RT: 13.520 min Scan# 4150
Delta R.T. 0.020 min
Lab File: VL043047.D
Acq: 06 Oct 2025 10:50

Tgt Ion:128 Resp: 185

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.8	13.2#





#80
Naphthalene,2-methyl-
Concen: 0.706 ppbv
RT: 14.455 min Scan# 4
Delta R.T. 0.010 min
Lab File: VL043047.D
Acq: 06 Oct 2025 10:50

Instrument :
MSVOA_L
ClientSampleId :
QC092925 CAN 10198

Tgt Ion:142 Resp: 1143

Ion	Ratio	Lower	Upper
142	100		
141	69.2	66.6	100.0
115	31.8	30.1	45.1