Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100625\
Data File : VL043048.D
Acq On : 06 Oct 2025 11:23
Operator : SY/MD
Sample : QC092425 CAN 10590
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC092425 CAN 10590

Quant Time: Oct 07 01:34:27 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	170545	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	476003	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	387537	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	268829	9.629	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.300%			
Target Compounds						Qvalue
13) Ethanol	1.884	45	331	Below Cal	#	31
15) Acetone	1.832	43	1547	0.065	ppbv #	54
20) Methylene Chloride	2.056	84	2480	0.238	ppbv #	84
23) Vinyl Acetate	2.451	43	238	0.047	ppbv #	1
39) 1,2-Dichloropropane	3.946	63	119552	7.092	ppbv #	23
79) Naphthalene	13.507	128	235	0.239	ppbv #	69
80) Naphthalene,2-methyl-	14.465	142	259	0.673	ppbv #	68

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

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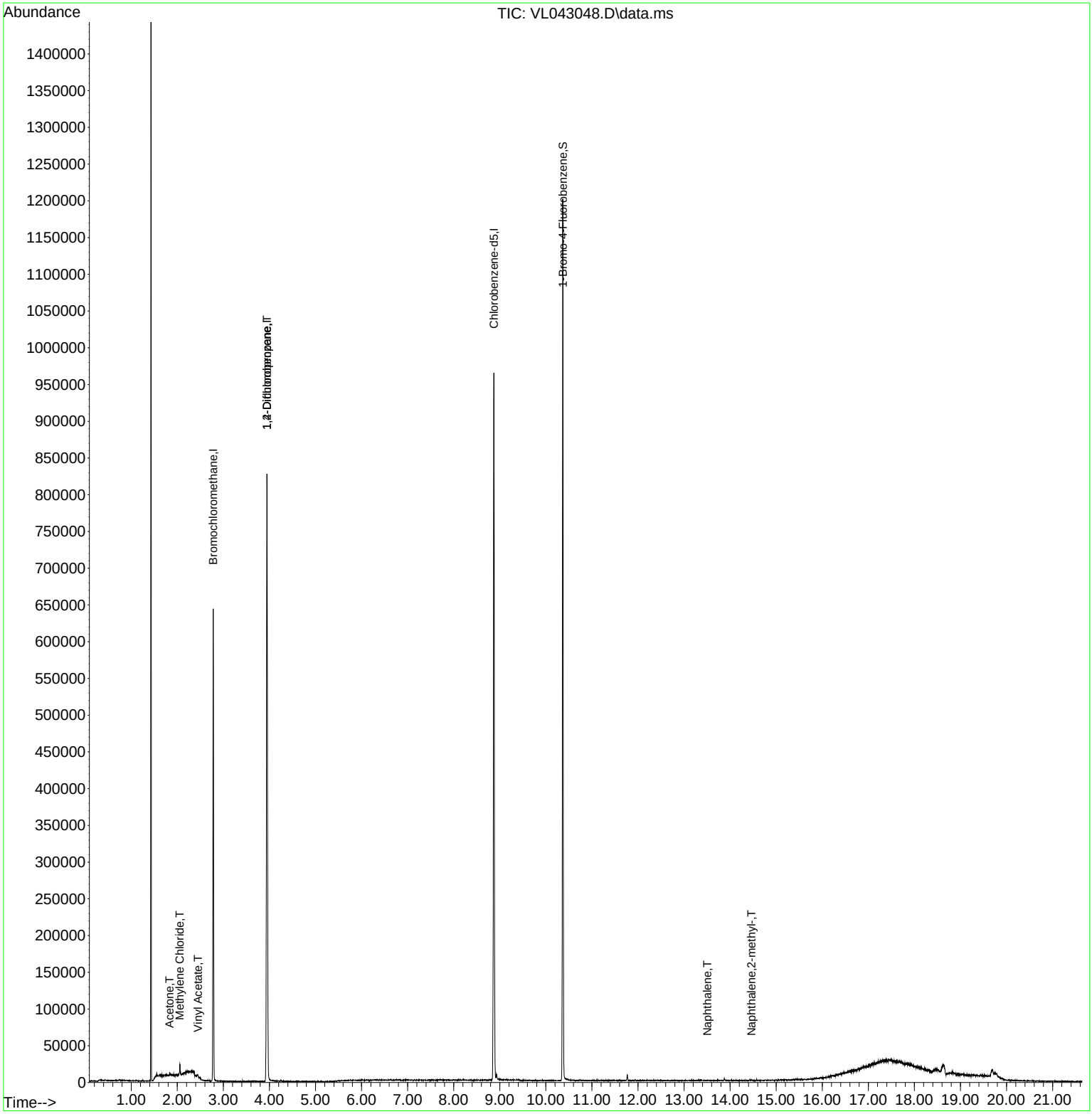
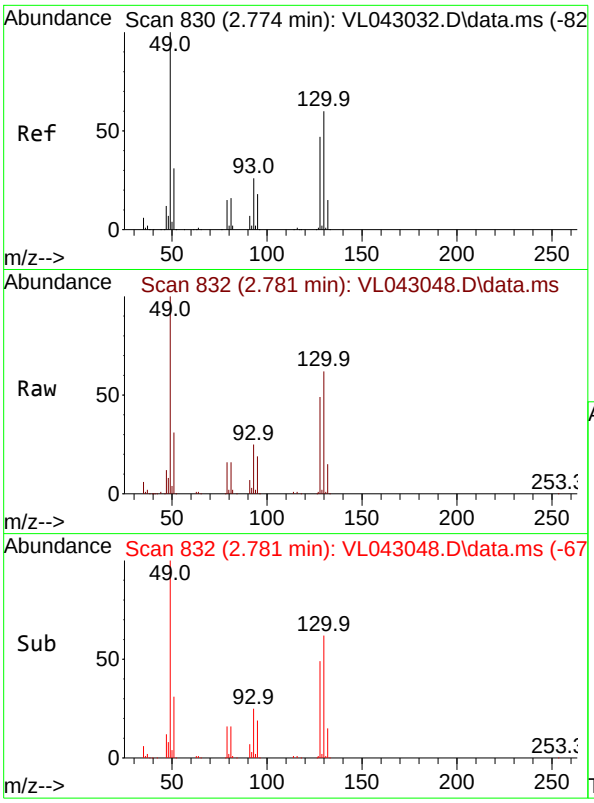


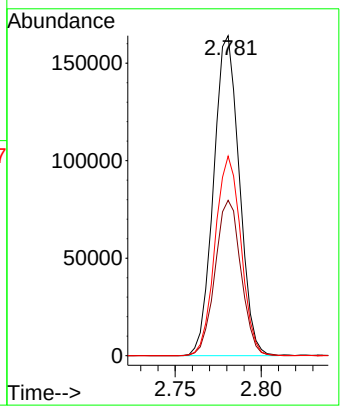


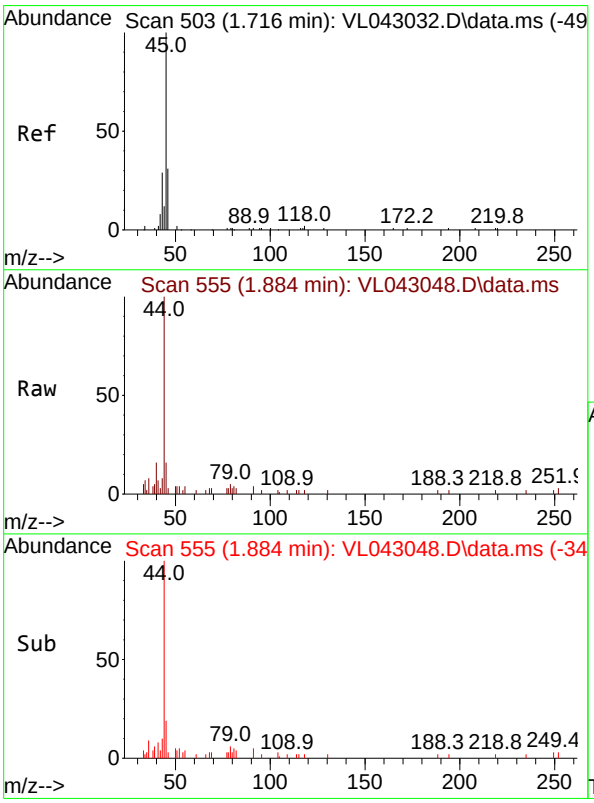
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.781 min Scan# 8
Delta R.T. 0.007 min
Lab File: VL043048.D
Acq: 06 Oct 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
QC092425 CAN 10590

Tgt Ion: 49 Resp: 170545

Ion	Ratio	Lower	Upper
49	100		
128	48.9	24.1	72.2
130	62.7	31.4	94.3

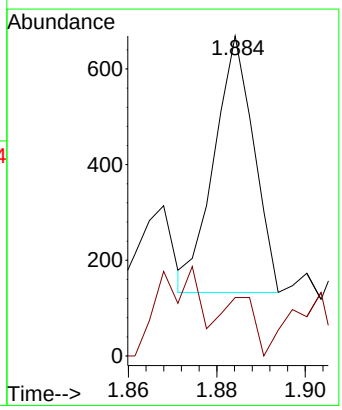


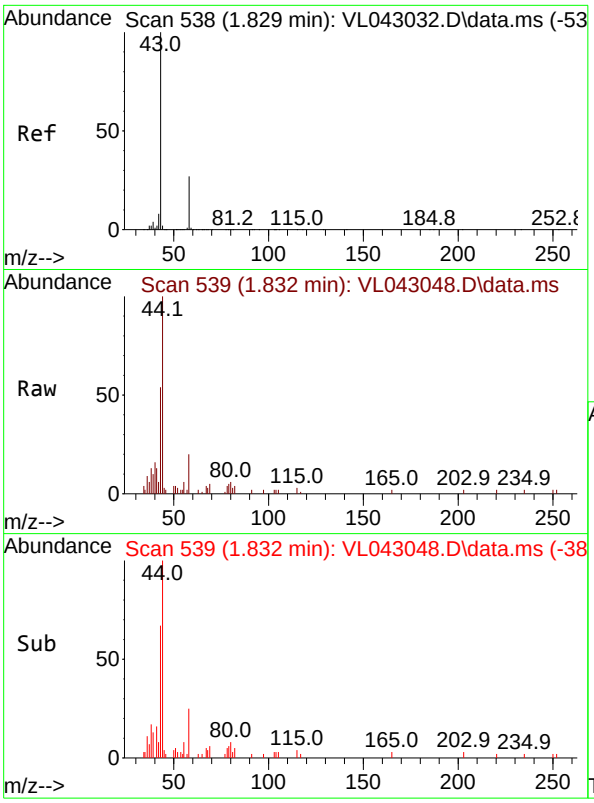


#13
Ethanol
Concen: Below Cal
RT: 1.884 min Scan# 555
Delta R.T. 0.168 min
Lab File: VL043048.D
Acq: 06 Oct 2025 11:23

Tgt Ion: 45 Resp: 331

Ion	Ratio	Lower	Upper
45	100		
46	0.0	17.8	71.4#



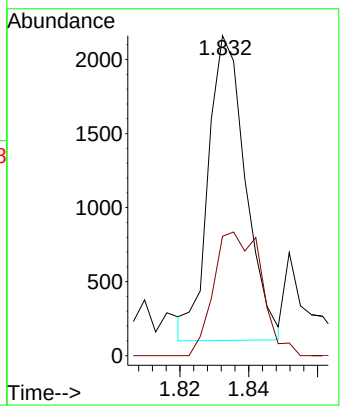


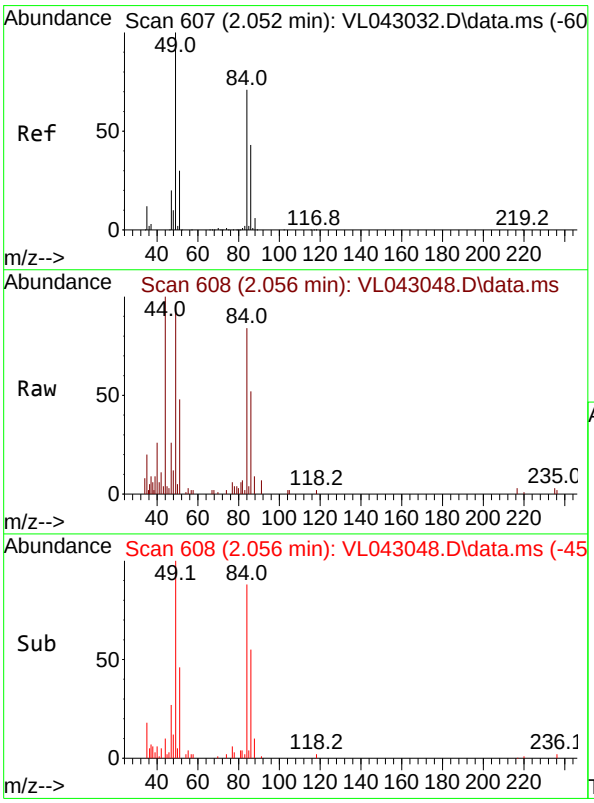
#15
Acetone
Concen: 0.065 ppbv
RT: 1.832 min Scan# 5
Delta R.T. 0.003 min
Lab File: VL043048.D
Acq: 06 Oct 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
QC092425 CAN 10590

Tgt Ion: 43 Resp: 1547

Ion	Ratio	Lower	Upper
43	100		
58	52.1	22.2	33.4#

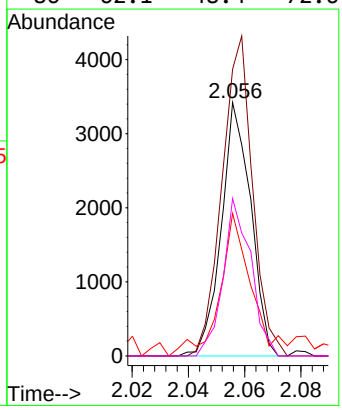


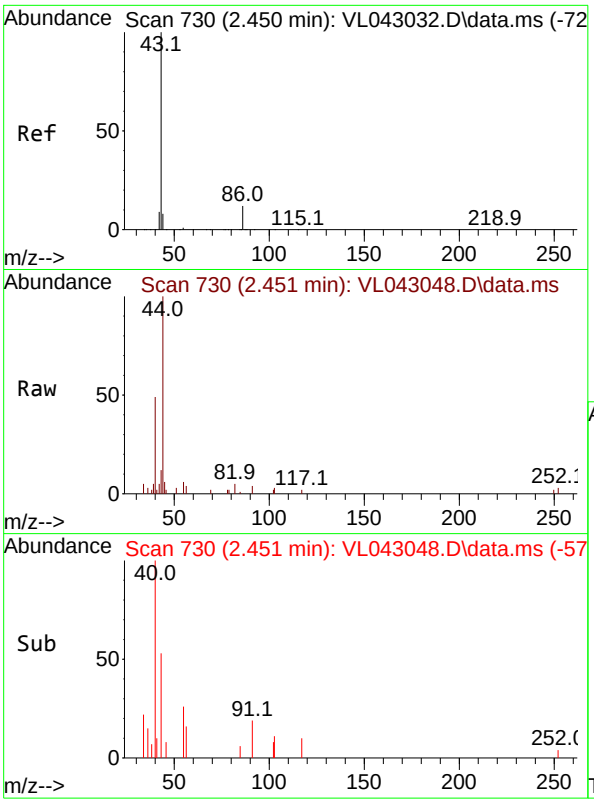


#20
Methylene Chloride
Concen: 0.238 ppbv
RT: 2.056 min Scan# 608
Delta R.T. 0.003 min
Lab File: VL043048.D
Acq: 06 Oct 2025 11:23

Tgt Ion: 84 Resp: 2480

Ion	Ratio	Lower	Upper
84	100		
49	113.2	112.5	168.7
51	53.4	34.2	51.2#
86	62.1	48.4	72.6



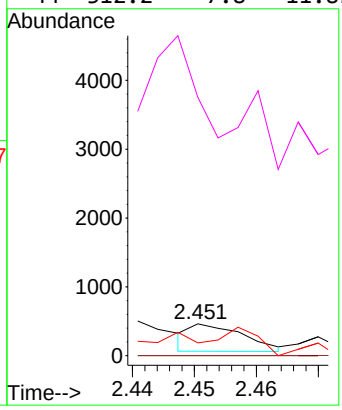


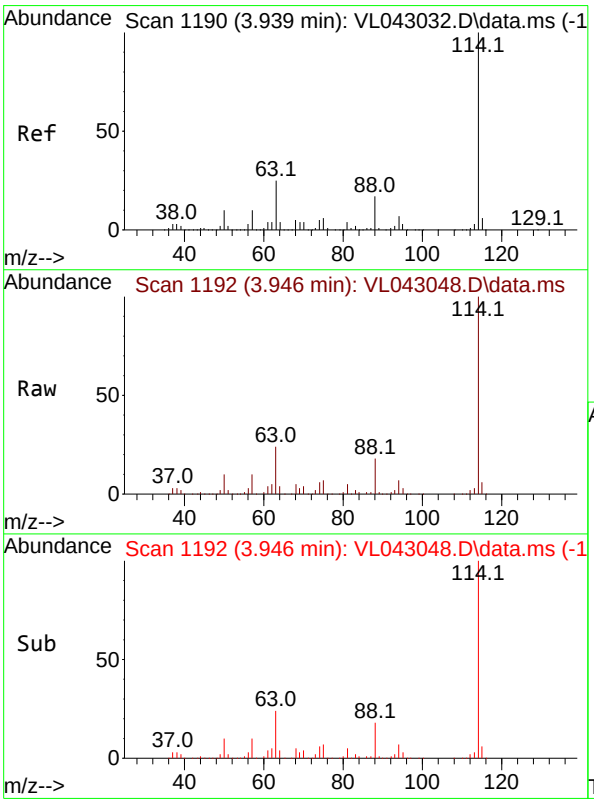
#23
Vinyl Acetate
Concen: 0.047 ppbv
RT: 2.451 min Scan# 7
Delta R.T. 0.000 min
Lab File: VL043048.D
Acq: 06 Oct 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
QC092425 CAN 10590

Tgt Ion: 43 Resp: 238

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.5	11.3#
42	55.5	8.4	12.6#
44	312.2	7.8	11.8#

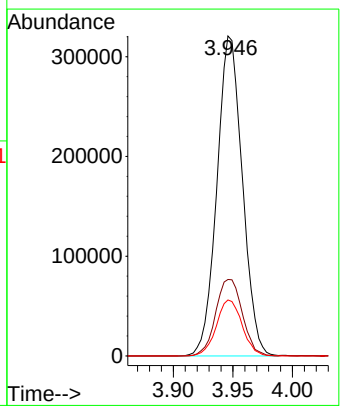


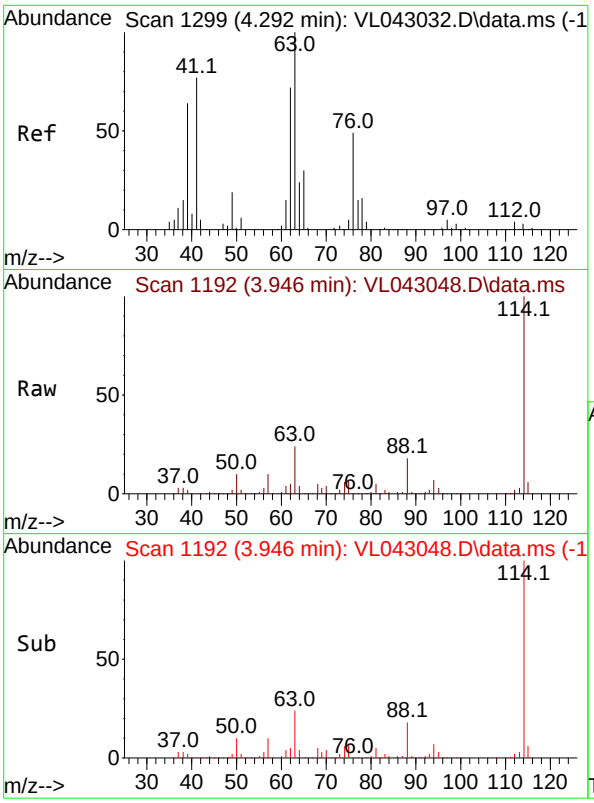


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.946 min Scan# 1192
Delta R.T. 0.007 min
Lab File: VL043048.D
Acq: 06 Oct 2025 11:23

Tgt Ion:114 Resp: 476003

Ion	Ratio	Lower	Upper
114	100		
63	25.2	19.4	29.2
88	17.7	13.9	20.9



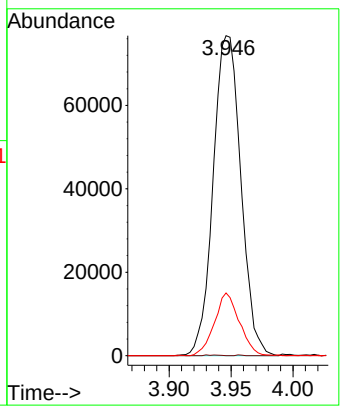


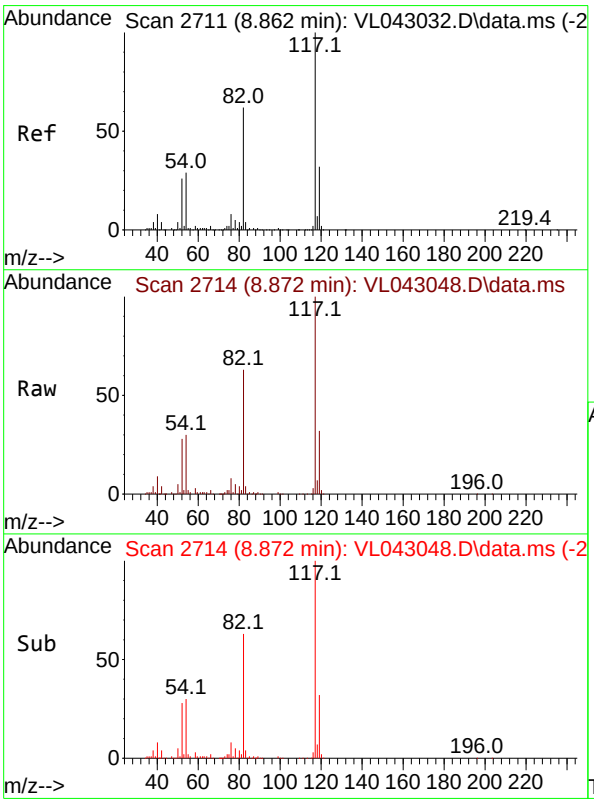
#39
1,2-Dichloropropane
Concen: 7.092 ppbv
RT: 3.946 min Scan# 11
Delta R.T. -0.346 min
Lab File: VL043048.D
Acq: 06 Oct 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
QC092425 CAN 10590

Tgt Ion: 63 Resp: 119552

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.6	92.4#
62	19.6	58.1	87.1#

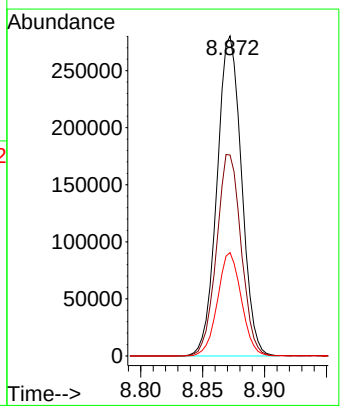


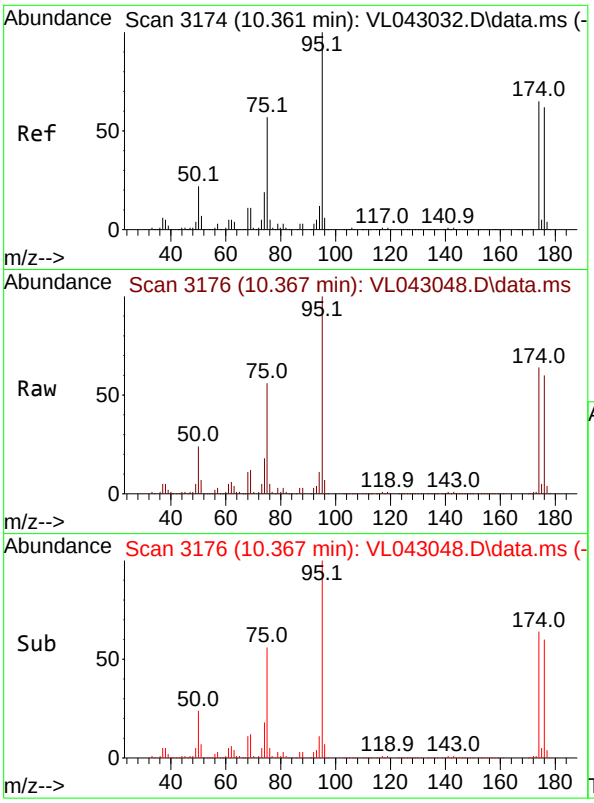


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 2714
Delta R.T. 0.010 min
Lab File: VL043048.D
Acq: 06 Oct 2025 11:23

Tgt Ion:117 Resp: 387537

Ion	Ratio	Lower	Upper
117	100		
82	63.3	53.0	79.6
119	31.4	25.4	38.2



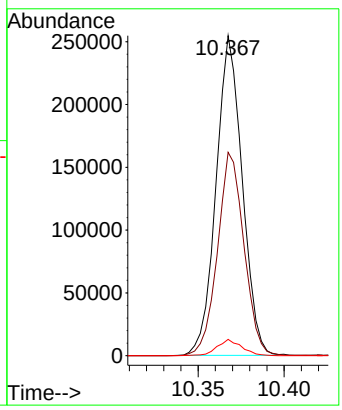


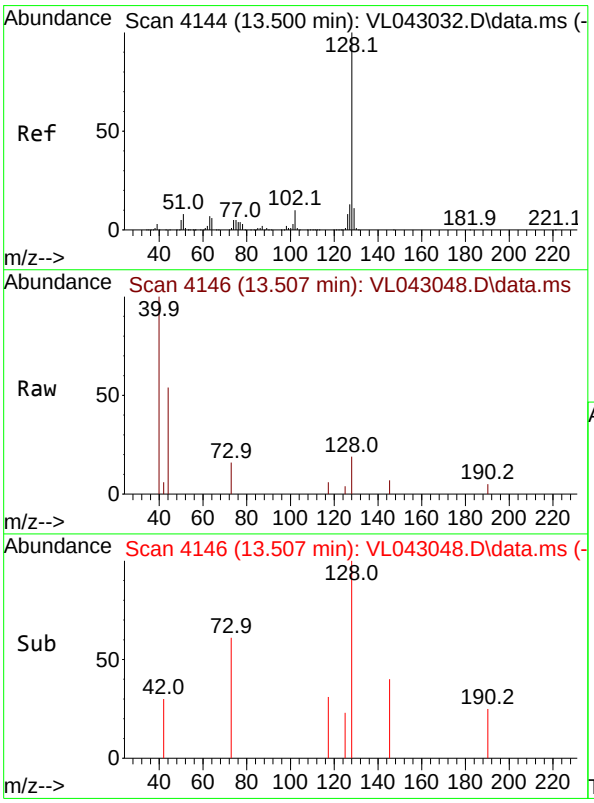
#68
1-Bromo-4-Fluorobenzene
Concen: 9.629 ppbv
RT: 10.367 min Scan# 3
Delta R.T. 0.007 min
Lab File: VL043048.D
Acq: 06 Oct 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
QC092425 CAN 10590

Tgt Ion: 95 Resp: 268829

Ion	Ratio	Lower	Upper
95	100		
174	64.9	52.3	78.5
175	4.8	3.8	5.8

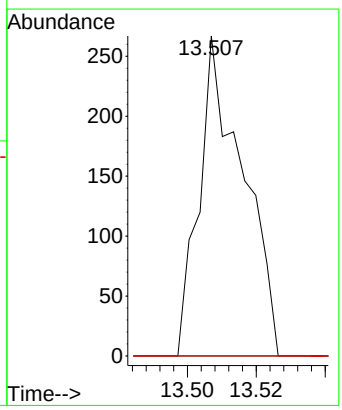


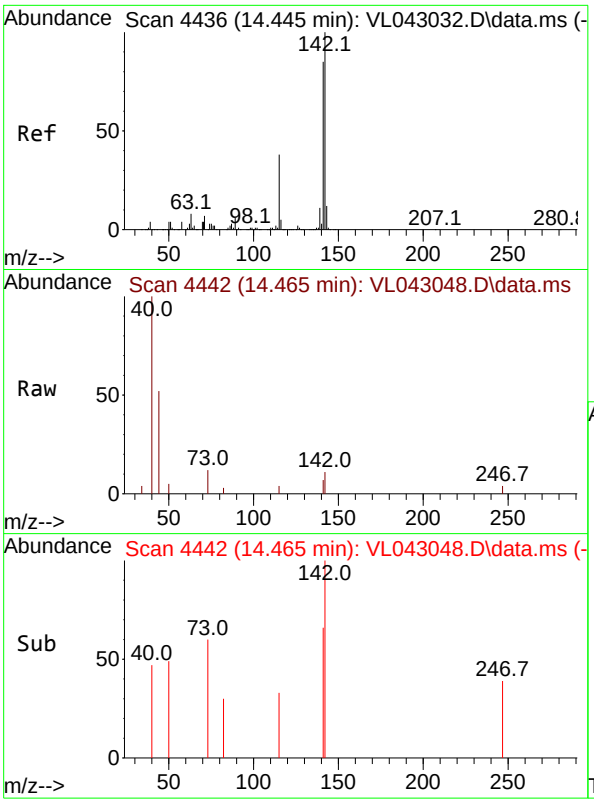


#79
Naphthalene
Concen: 0.239 ppbv
RT: 13.507 min Scan# 4146
Delta R.T. 0.007 min
Lab File: VL043048.D
Acq: 06 Oct 2025 11:23

Tgt Ion:128 Resp: 235

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: 0.673 ppbv
RT: 14.465 min Scan# 44
Delta R.T. 0.020 min
Lab File: VL043048.D
Acq: 06 Oct 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
QC092425 CAN 10590

Tgt Ion:142 Resp: 259

Ion	Ratio	Lower	Upper
142	100		
141	64.5	66.6	100.0#
115	4.2	30.1	45.1#