Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022625\
Data File : VL042052.D
Acq On : 26 Feb 2025 10:04
Operator : SY/MD
Sample : QC021725 CAN 10271
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC021725 CAN 10271

Quant Time: Feb 27 00:25:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

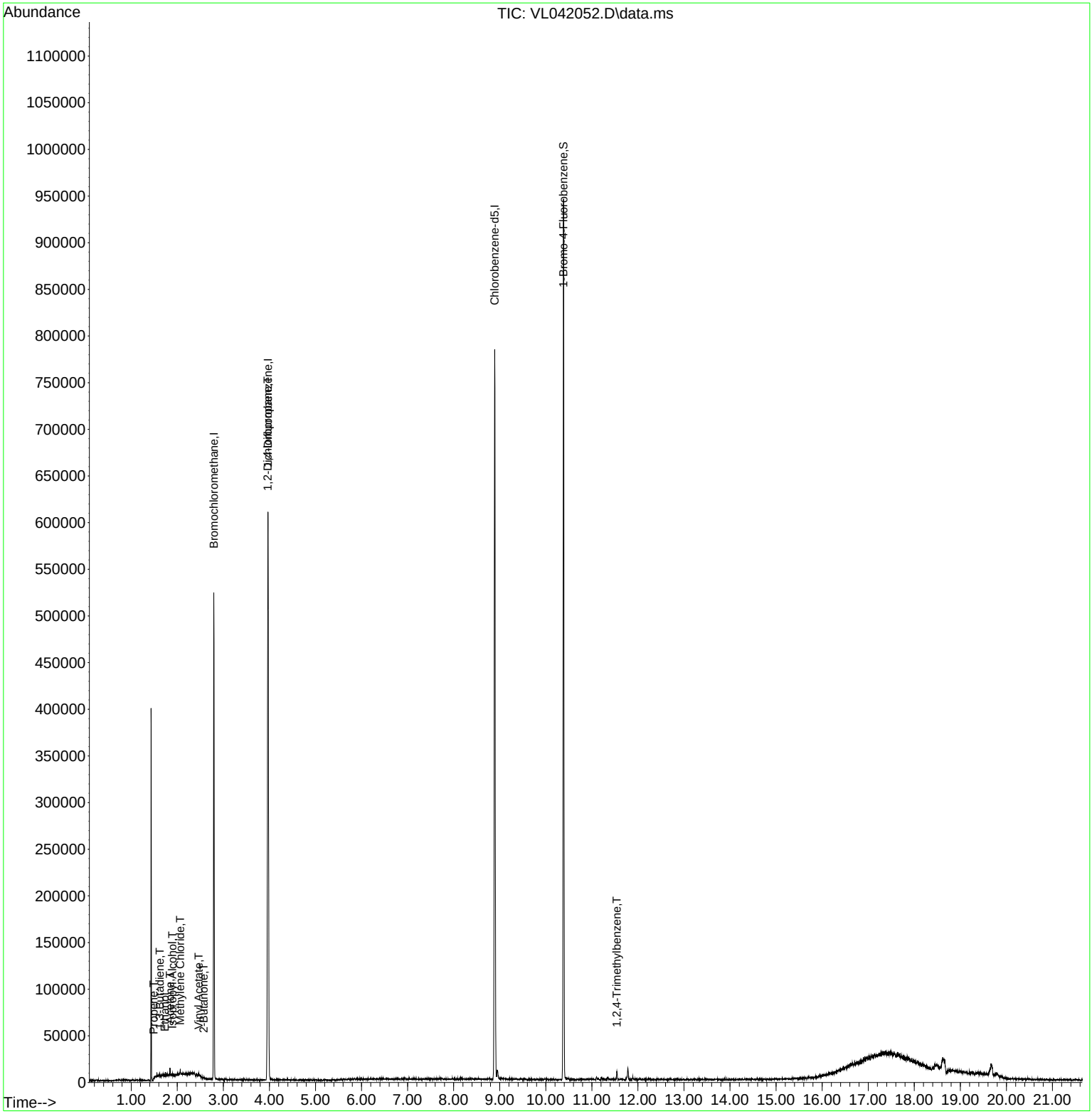
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.794	49	152414	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	364923	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	316584	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	246219	10.109	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.100%			
Target Compounds						Qvalue
9) Propene	1.486	41	278	0.031	ppbv	# 57
13) Ethanol	1.729	45	191	0.333	ppbv	# 33
15) Acetone	1.842	43	2365	0.176	ppbv	# 86
16) 1,3-Butadiene	1.622	39	217	0.035	ppbv	# 12
19) Isopropyl Alcohol	1.894	45	428	0.055	ppbv	# 32
20) Methylene Chloride	2.065	84	903	0.177	ppbv	# 75
23) Vinyl Acetate	2.464	43	652	0.069	ppbv	# 74
34) 2-Butanone	2.574	43	1126	0.040	ppbv	# 87
39) 1,2-Dichloropropane	3.965	63	96008	6.621	ppbv	# 22
74) 1,2,4-Trimethylbenzene	11.542	105	3153	0.057	ppbv	# 61

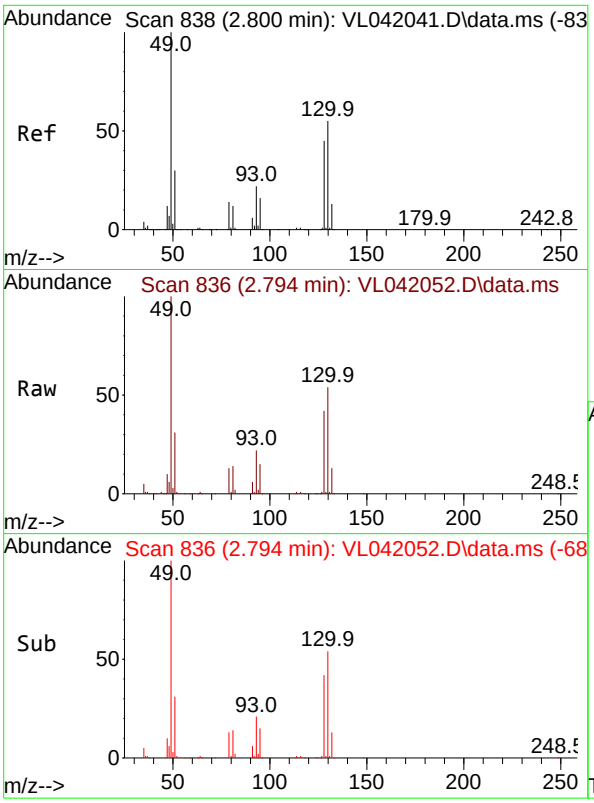
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022625\
Data File : VL042052.D
Acq On : 26 Feb 2025 10:04
Operator : SY/MD
Sample : QC021725 CAN 10271
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC021725 CAN 10271

Quant Time: Feb 27 00:25:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration



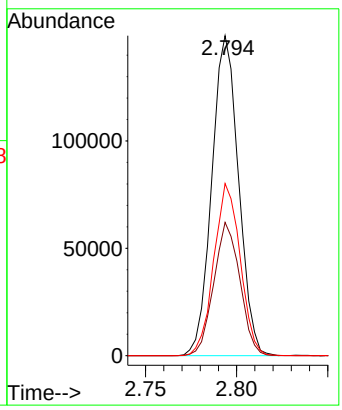


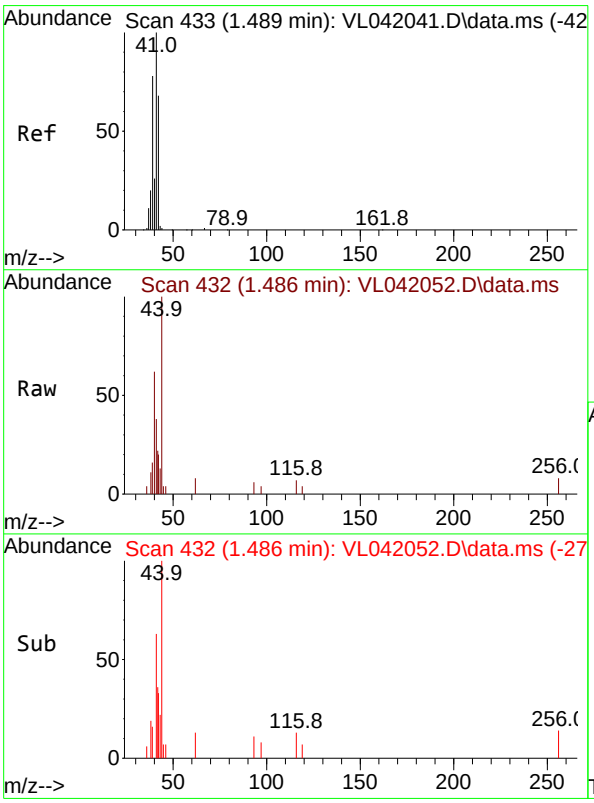
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 8
Delta R.T. -0.006 min
Lab File: VL042052.D
Acq: 26 Feb 2025 10:04

Instrument :
MSVOA_L
ClientSampleId :
QC021725 CAN 10271

Tgt Ion: 49 Resp: 152414

Ion	Ratio	Lower	Upper
49	100		
128	40.6	21.6	64.8
130	52.9	27.8	83.4

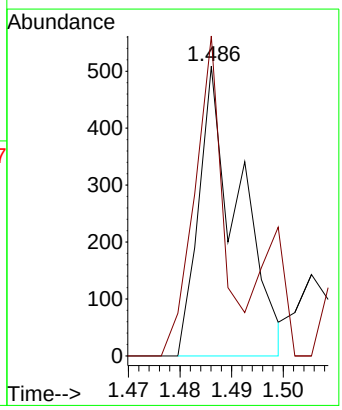


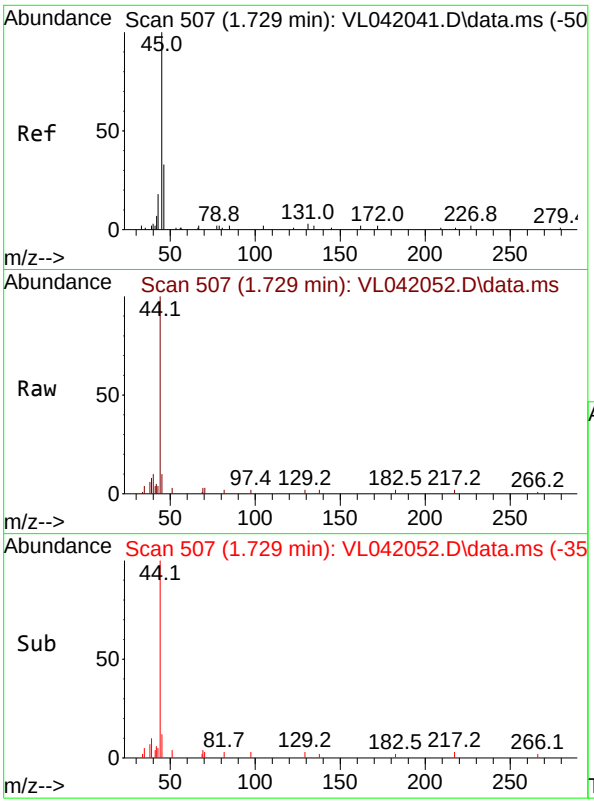


#9
Propene
Concen: 0.031 ppbv
RT: 1.486 min Scan# 432
Delta R.T. -0.003 min
Lab File: VL042052.D
Acq: 26 Feb 2025 10:04

Tgt Ion: 41 Resp: 278

Ion	Ratio	Lower	Upper
41	100		
42	104.7	55.8	83.6#



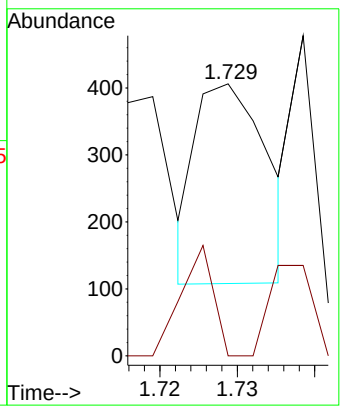


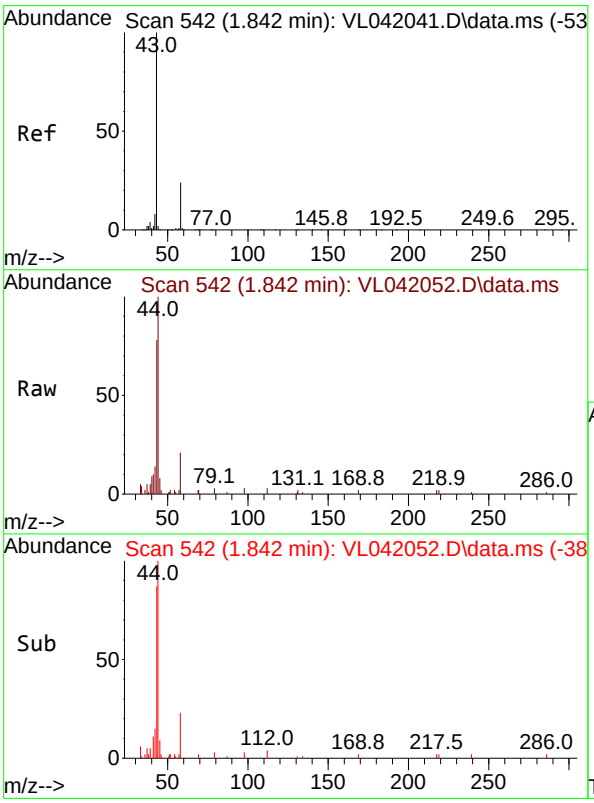
#13
Ethanol
Concen: 0.333 ppbv
RT: 1.729 min Scan# 5
Delta R.T. 0.000 min
Lab File: VL042052.D
Acq: 26 Feb 2025 10:04

Instrument :
MSVOA_L
ClientSampleId :
QC021725 CAN 10271

Tgt Ion: 45 Resp: 191

Ion	Ratio	Lower	Upper
45	100		
46	0.0	17.1	68.3#

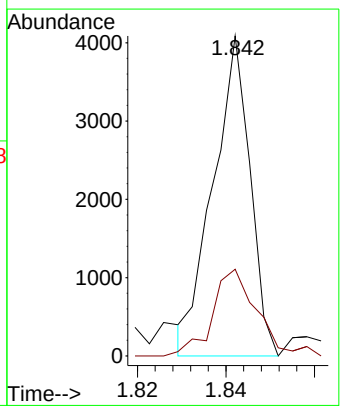


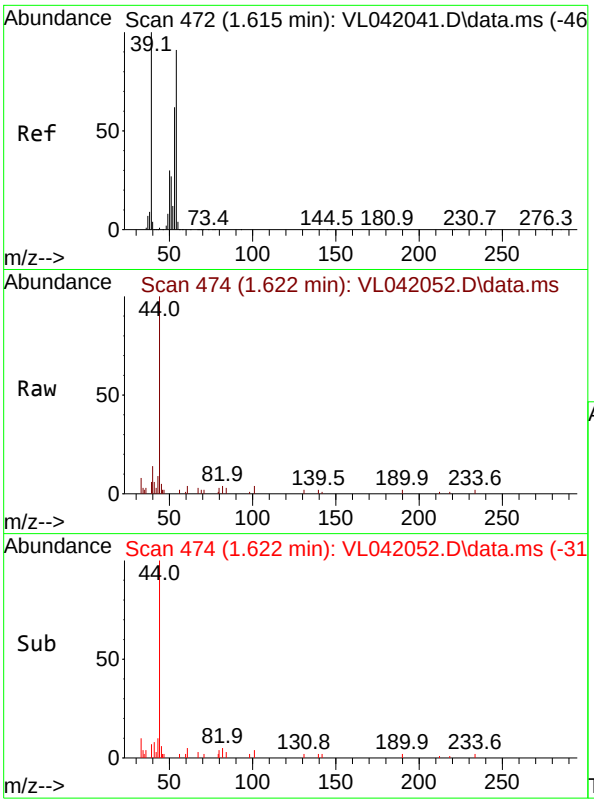


#15
Acetone
Concen: 0.176 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.000 min
Lab File: VL042052.D
Acq: 26 Feb 2025 10:04

Tgt Ion: 43 Resp: 2365

Ion	Ratio	Lower	Upper
43	100		
58	32.9	20.7	31.1#



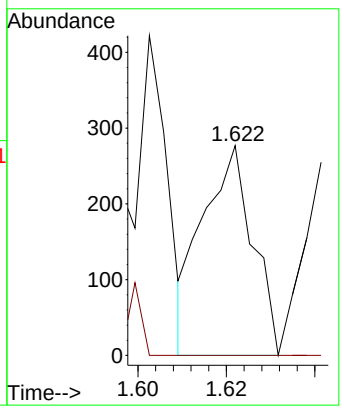


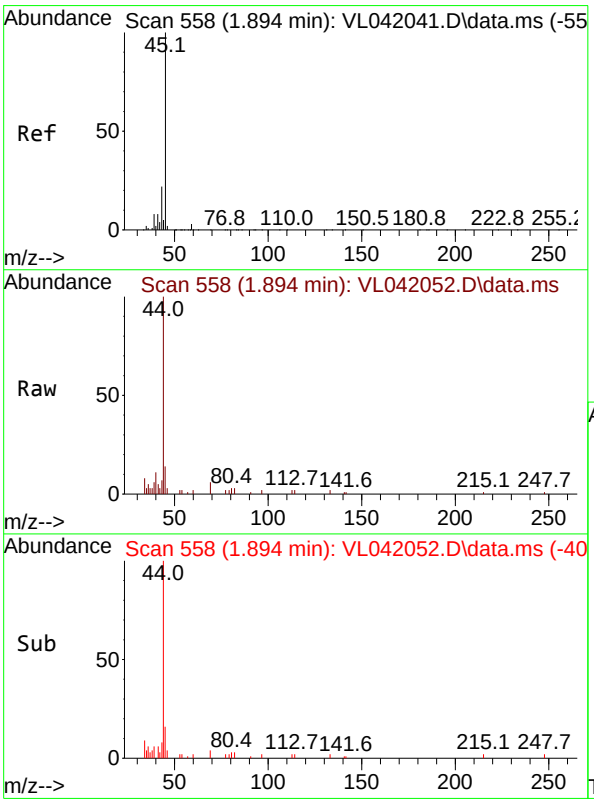
#16
1,3-Butadiene
Concen: 0.035 ppbv
RT: 1.622 min Scan# 4
Delta R.T. 0.007 min
Lab File: VL042052.D
Acq: 26 Feb 2025 10:04

Instrument :
MSVOA_L
ClientSampleId :
QC021725 CAN 10271

Tgt Ion: 39 Resp: 217

Ion	Ratio	Lower	Upper
39	100		
54	0.0	59.6	89.4#

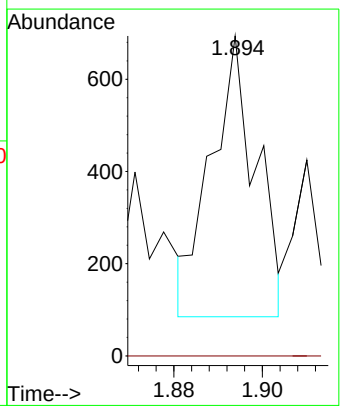


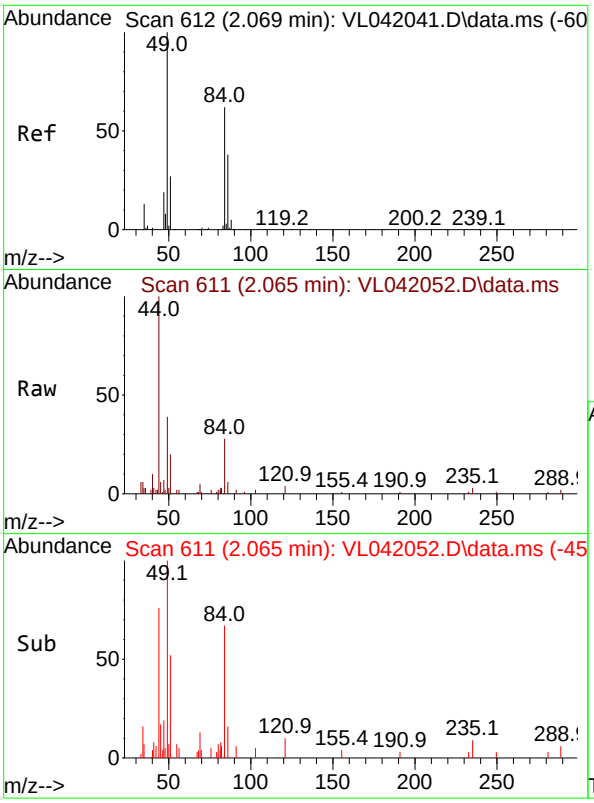


#19
Isopropyl Alcohol
Concen: 0.055 ppbv
RT: 1.894 min Scan# 558
Delta R.T. 0.000 min
Lab File: VL042052.D
Acq: 26 Feb 2025 10:04

Tgt Ion: 45 Resp: 428

Ion	Ratio	Lower	Upper
45	100		
58	0.0	35.3	52.9#



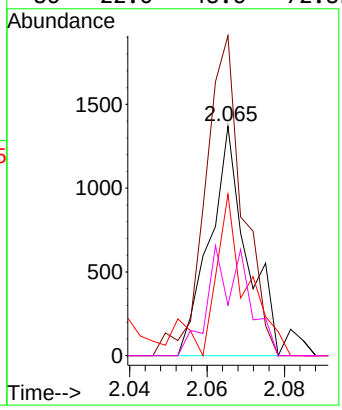


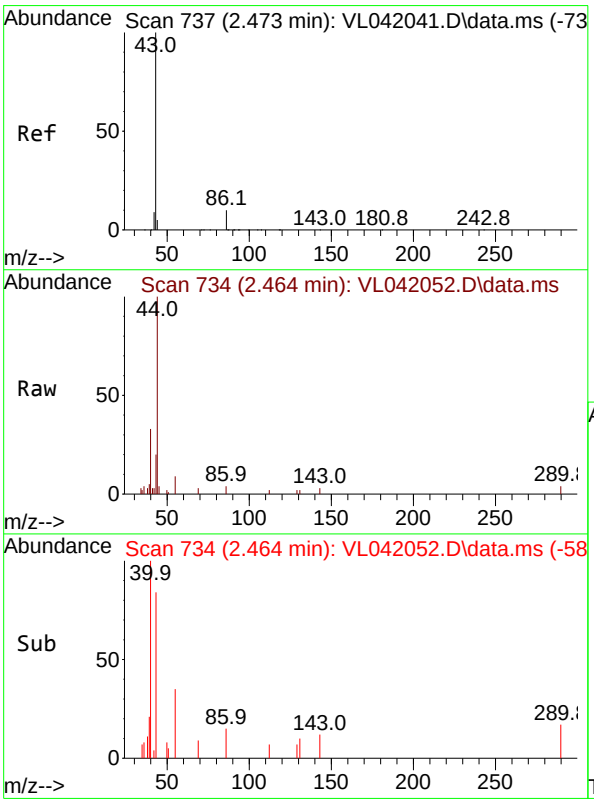
#20
Methylene Chloride
Concen: 0.177 ppbv
RT: 2.065 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042052.D
Acq: 26 Feb 2025 10:04

Instrument :
MSVOA_L
ClientSampleId :
QC021725 CAN 10271

Tgt Ion: 84 Resp: 903

Ion	Ratio	Lower	Upper
84	100		
49	139.4	130.0	195.0
51	59.9	37.4	56.0#
86	22.0	48.6	72.8#

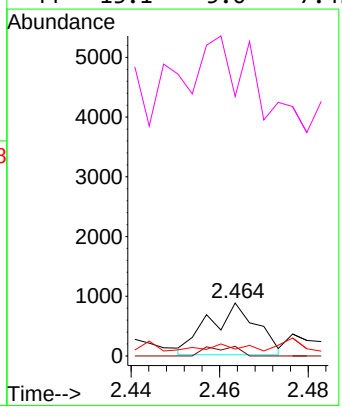


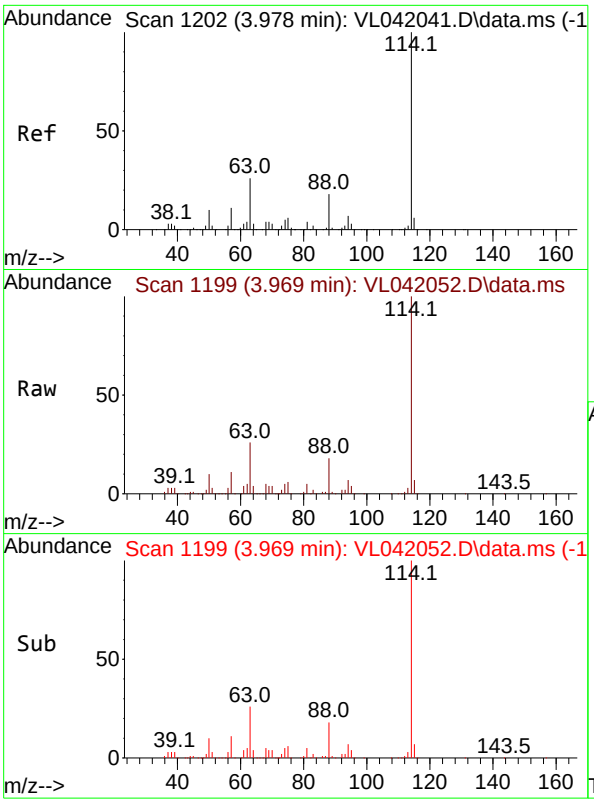


#23
Vinyl Acetate
Concen: 0.069 ppbv
RT: 2.464 min Scan# 734
Delta R.T. -0.010 min
Lab File: VL042052.D
Acq: 26 Feb 2025 10:04

Tgt Ion: 43 Resp: 652

Ion	Ratio	Lower	Upper
43	100		
86	20.9	7.0	10.4#
42	1.6	7.6	11.4#
44	13.1	5.0	7.4#



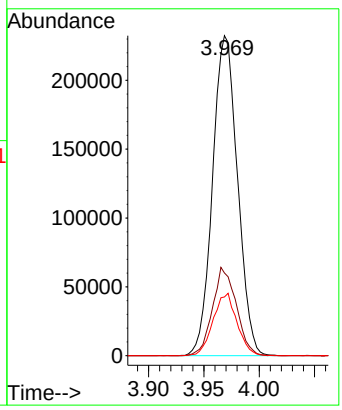


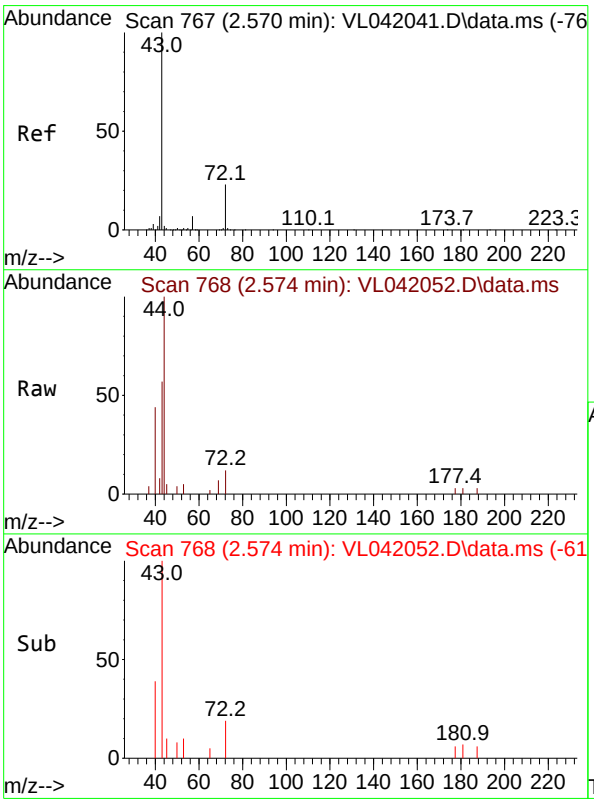
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.969 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL042052.D
Acq: 26 Feb 2025 10:04

Instrument :
MSVOA_L
ClientSampleId :
QC021725 CAN 10271

Tgt Ion:114 Resp: 364923

Ion	Ratio	Lower	Upper
114	100		
63	26.4	20.1	30.1
88	18.7	14.3	21.5

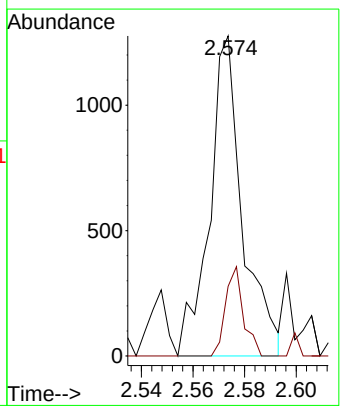


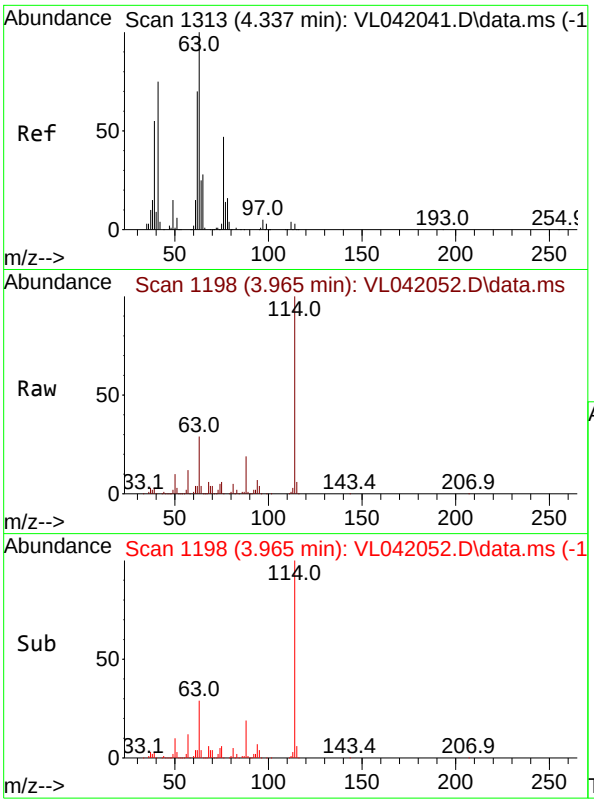


#34
2-Butanone
Concen: 0.040 ppbv
RT: 2.574 min Scan# 768
Delta R.T. 0.003 min
Lab File: VL042052.D
Acq: 26 Feb 2025 10:04

Tgt Ion: 43 Resp: 1126

Ion	Ratio	Lower	Upper
43	100		
72	16.9	18.5	27.7#



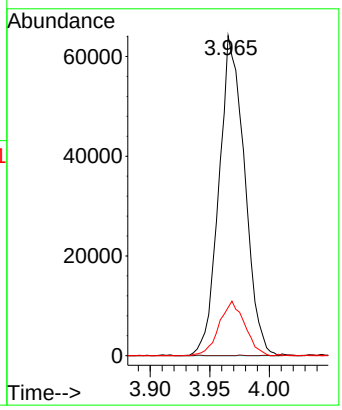


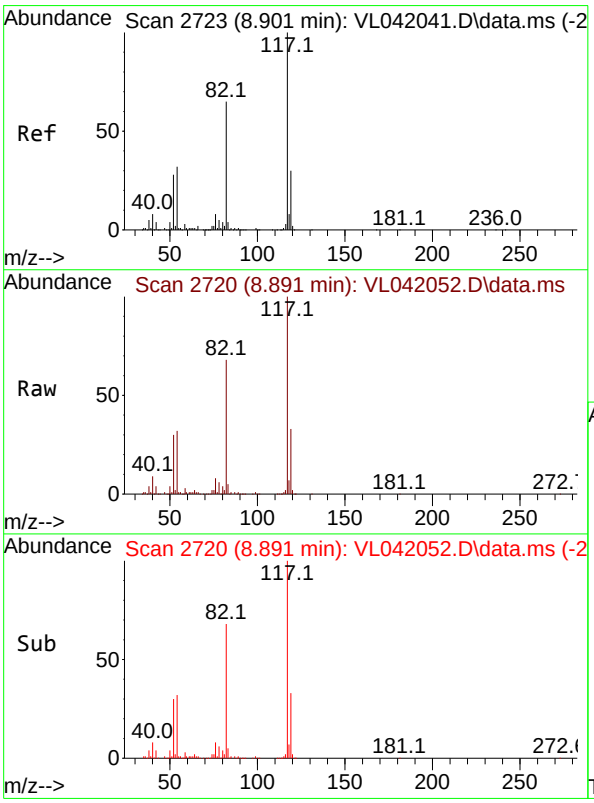
#39
1,2-Dichloropropane
Concen: 6.621 ppbv
RT: 3.965 min Scan# 11
Delta R.T. -0.372 min
Lab File: VL042052.D
Acq: 26 Feb 2025 10:04

Instrument :
MSVOA_L
ClientSampleId :
QC021725 CAN 10271

Tgt Ion: 63 Resp: 96008

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.1	90.1#
62	15.1	55.8	83.8#

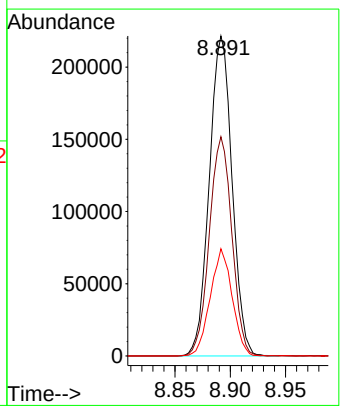


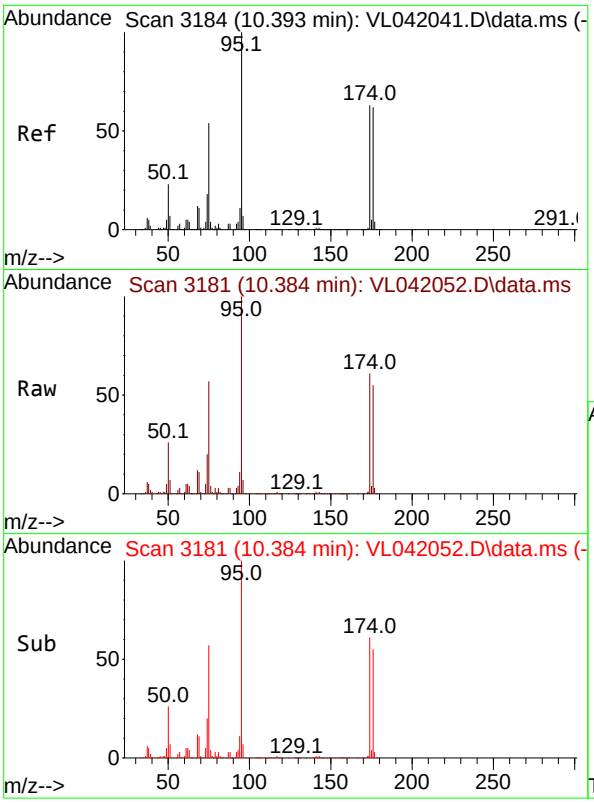


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2720
Delta R.T. -0.010 min
Lab File: VL042052.D
Acq: 26 Feb 2025 10:04

Tgt Ion:117 Resp: 316584

Ion	Ratio	Lower	Upper
117	100		
82	67.8	55.0	82.6
119	32.3	25.9	38.9



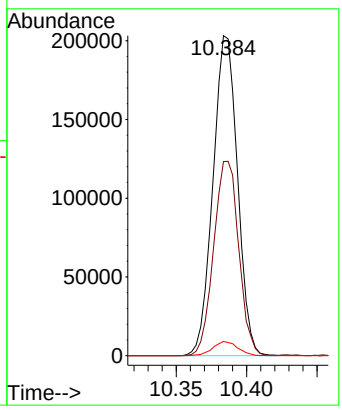


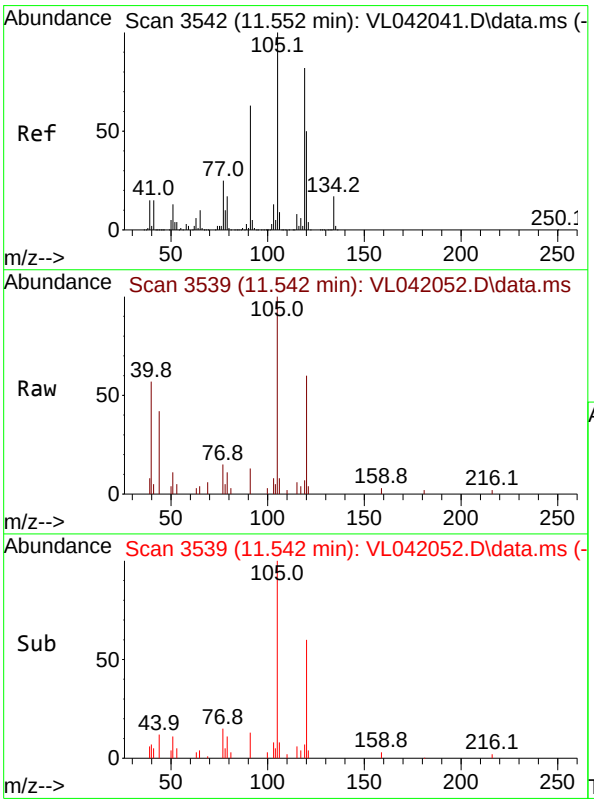
#68
1-Bromo-4-Fluorobenzene
Concen: 10.109 ppbv
RT: 10.384 min Scan# 3
Delta R.T. -0.010 min
Lab File: VL042052.D
Acq: 26 Feb 2025 10:04

Instrument :
MSVOA_L
ClientSampleId :
QC021725 CAN 10271

Tgt Ion: 95 Resp: 246219

Ion	Ratio	Lower	Upper
95	100		
174	62.2	51.8	77.6
175	4.5	3.9	5.9





#74
1,2,4-Trimethylbenzene
Concen: 0.057 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.010 min
Lab File: VL042052.D
Acq: 26 Feb 2025 10:04

Tgt Ion:105 Resp: 3153

Ion	Ratio	Lower	Upper
105	100		
120	59.9	40.2	60.2
91	12.7	51.4	77.2#
77	14.7	20.1	30.1#