Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
Data File : VL042494.D
Acq On : 06 May 2025 13:23
Operator : SY/MD
Sample : QC0429325 CAN 10458
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC0429325 CAN 10458

Quant Time: May 07 01:39:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri 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	2.794	49	63633	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	167805	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.895	117	137886	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	128271	10.034	ppbv	0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.300%			
Target Compounds						Qvalue
6) Bromomethane	1.687	94	116	0.055	ppbv	# 28
7) Chloroethane	1.722	64	33	0.020	ppbv	# 43
13) Ethanol	1.729	45	183	0.248	ppbv	# 37
14) Bromoethene	1.696	108	58	0.020	ppbv	# 1
15) Acetone	1.839	43	1732	0.149	ppbv	# 80
16) 1,3-Butadiene	1.619	39	143	0.028	ppbv	# 15
19) Isopropyl Alcohol	1.894	45	341	0.053	ppbv	# 94
20) Methylene Chloride	2.069	84	369	0.106	ppbv	# 64
30) Cyclohexane	3.962	84	1063	0.157	ppbv	# 1
39) 1,2-Dichloropropane	3.969	63	50483	8.516	ppbv	# 19
66) Benzyl Chloride	11.643	91	74	0.026	ppbv	# 67
73) 1,3,5-Trimethylbenzene	11.209	105	474	0.024	ppbv	# 50
74) 1,2,4-Trimethylbenzene	11.546	105	936	0.039	ppbv	# 48

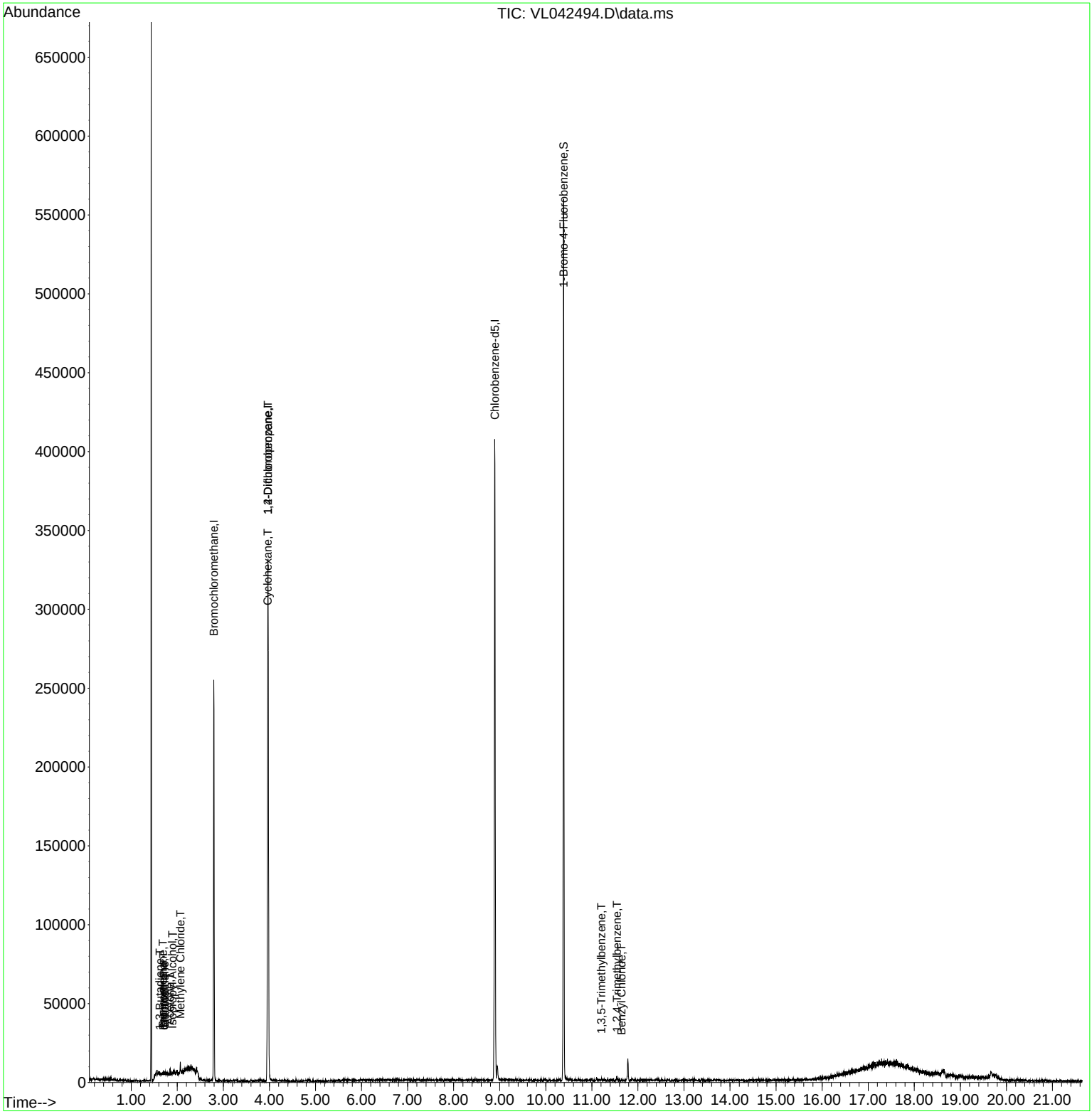
(#) = qualifier out of range (m) = manual integration (+) = signals summed

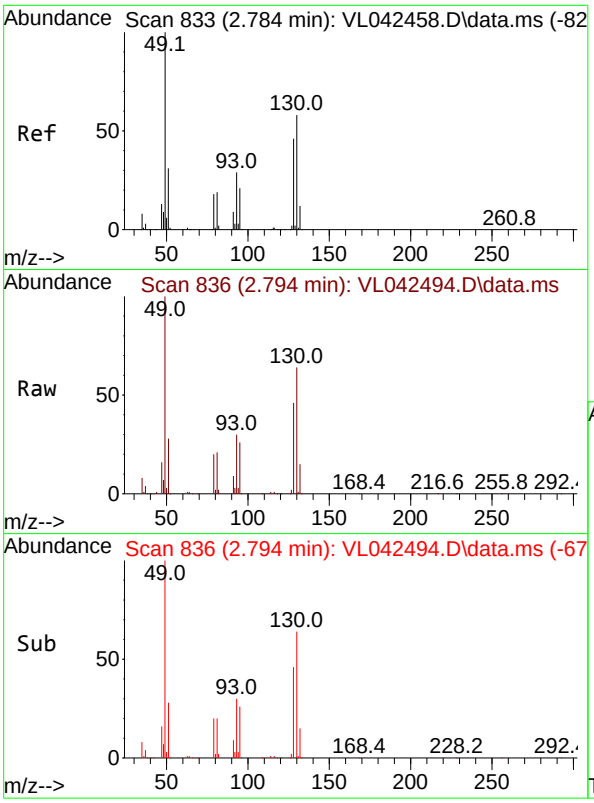
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050625\
Data File : VL042494.D
Acq On : 06 May 2025 13:23
Operator : SY/MD
Sample : QC0429325 CAN 10458
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC0429325 CAN 10458

Quant Time: May 07 01:39:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL050125AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri May 02 03:16:31 2025
Response via : Initial Calibration



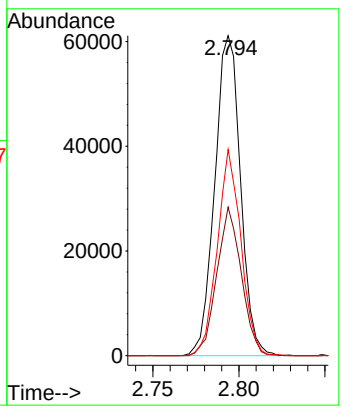


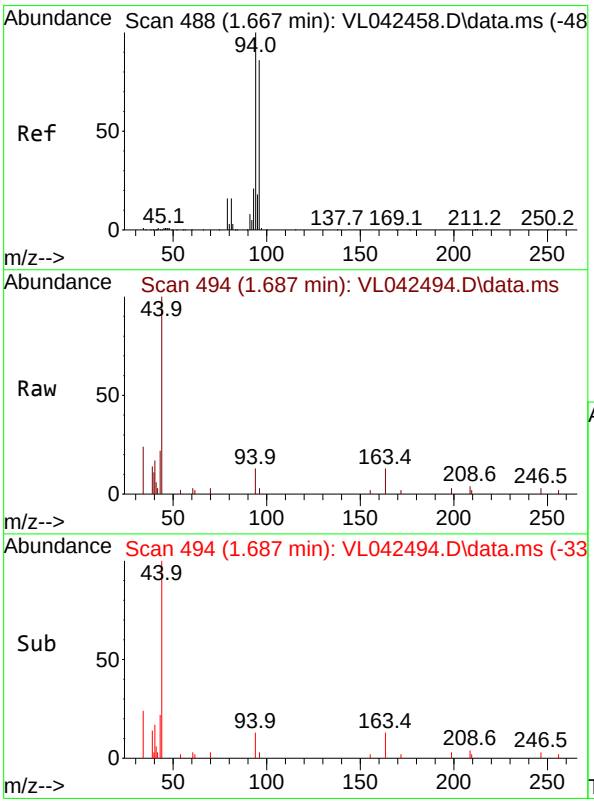
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 8
Delta R.T. 0.010 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Instrument :
MSVOA_L
ClientSampleId :
QC0429325 CAN 10458

Tgt Ion: 49 Resp: 63633

Ion	Ratio	Lower	Upper
49	100		
128	44.4	23.3	69.9
130	59.2	29.5	88.6

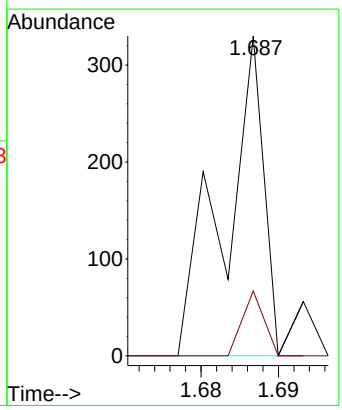


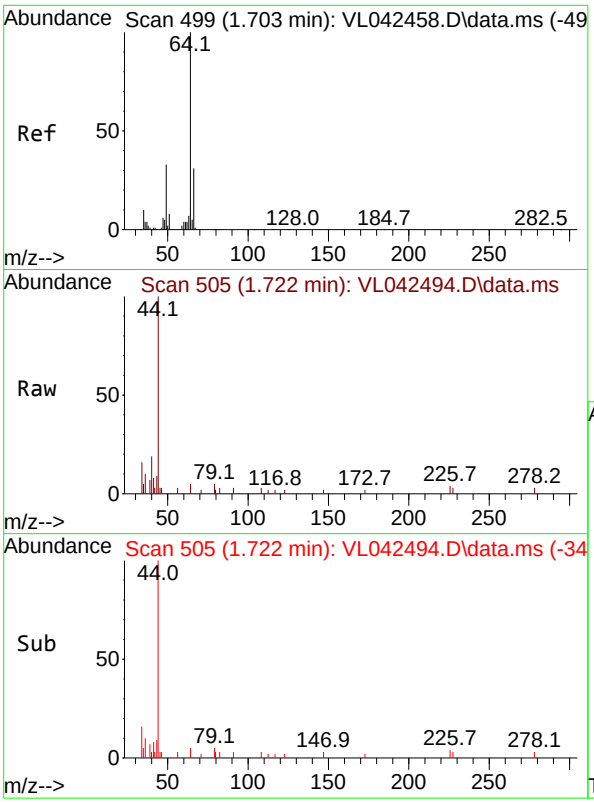


#6
Bromomethane
Concen: 0.055 ppbv
RT: 1.687 min Scan# 494
Delta R.T. 0.020 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Tgt Ion: 94 Resp: 116

Ion	Ratio	Lower	Upper
94	100		
96	20.3	68.8	103.2#



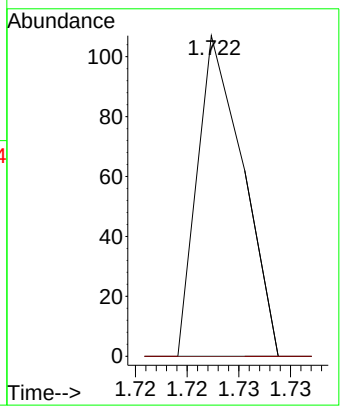


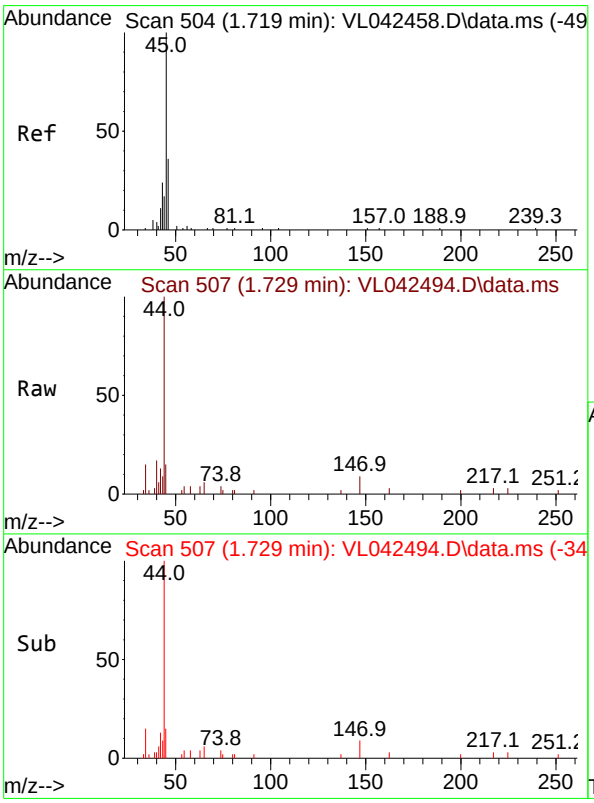
#7
Chloroethane
Concen: 0.020 ppbv
RT: 1.722 min Scan# 5
Delta R.T. 0.020 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Instrument :
MSVOA_L
ClientSampleId :
QC0429325 CAN 10458

Tgt Ion: 64 Resp: 33

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.4#

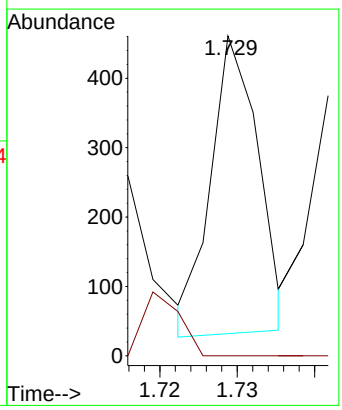


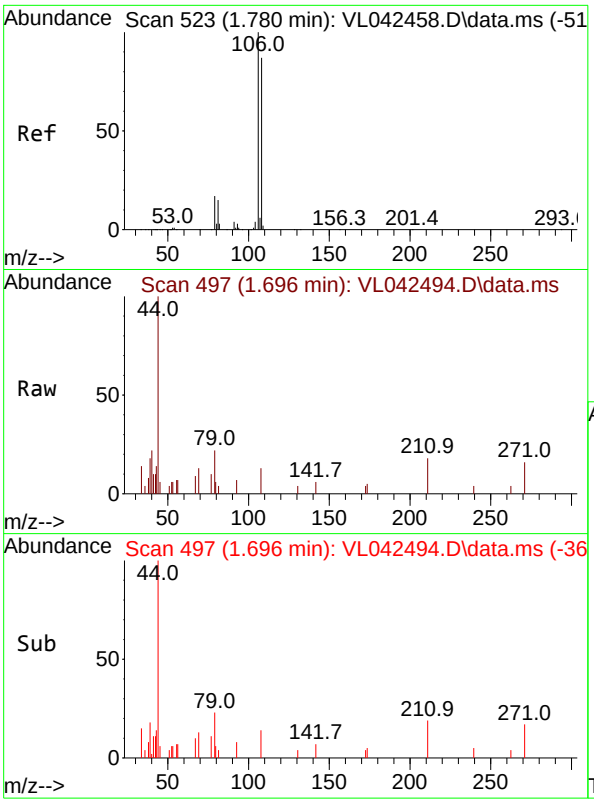


#13
Ethanol
Concen: 0.248 ppbv
RT: 1.729 min Scan# 507
Delta R.T. 0.010 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Tgt Ion: 45 Resp: 183

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.3	61.1#



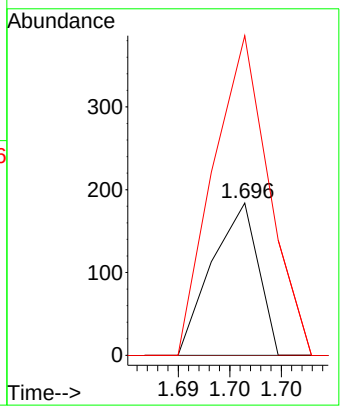


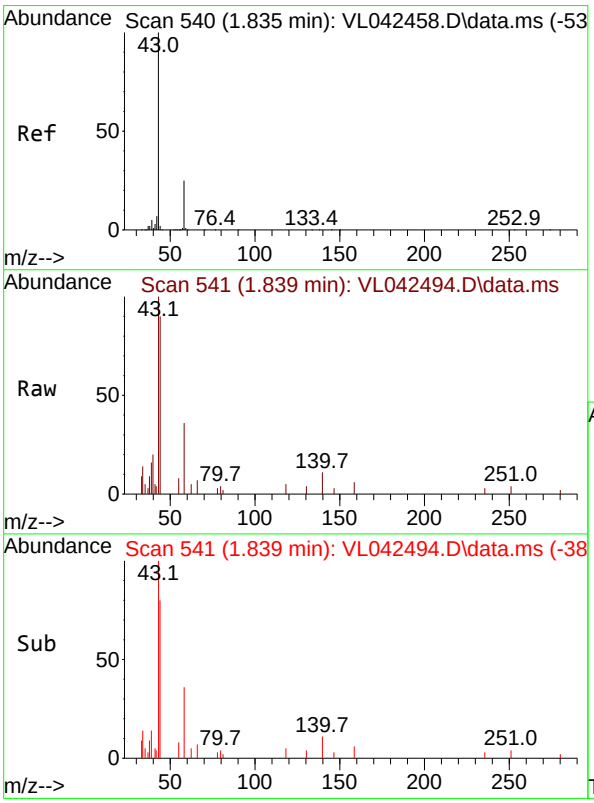
#14
Bromoethene
Concen: 0.020 ppbv
RT: 1.696 min Scan# 4
Delta R.T. -0.084 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Instrument :
MSVOA_L
ClientSampleId :
QC0429325 CAN 10458

Tgt Ion:108 Resp: 58

Ion	Ratio	Lower	Upper
108	100		
106	0.0	88.8	133.2#
79	294.8	17.1	25.7#

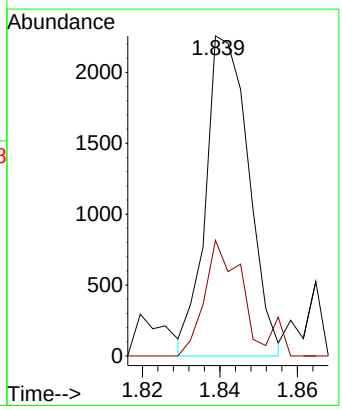


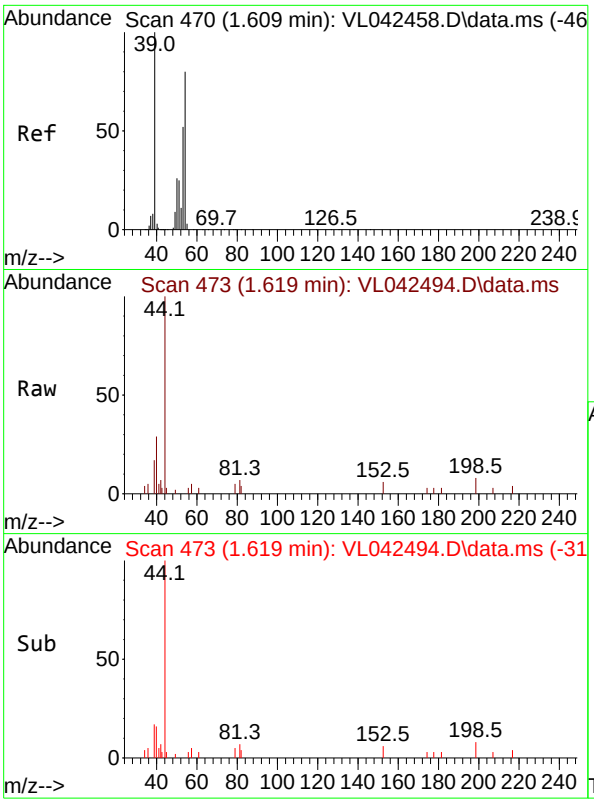


#15
Acetone
Concen: 0.149 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.004 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Tgt Ion: 43 Resp: 1732

Ion	Ratio	Lower	Upper
43	100		
58	35.0	19.8	29.8#



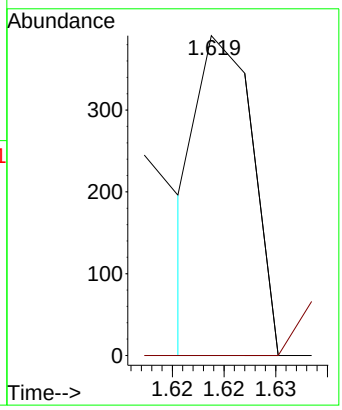


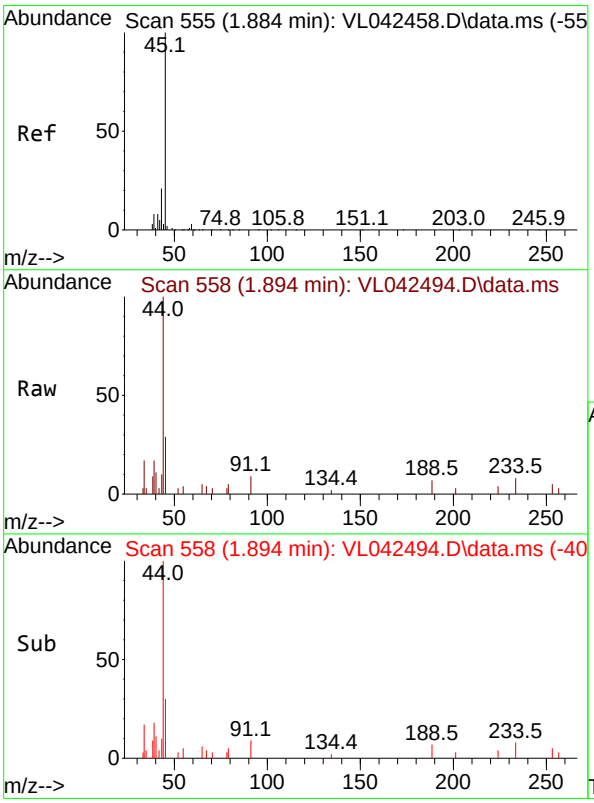
#16
1,3-Butadiene
Concen: 0.028 ppbv
RT: 1.619 min Scan# 4
Delta R.T. 0.010 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Instrument :
MSVOA_L
ClientSampleId :
QC0429325 CAN 10458

Tgt Ion: 39 Resp: 143

Ion	Ratio	Lower	Upper
39	100		
54	0.0	55.2	82.8#

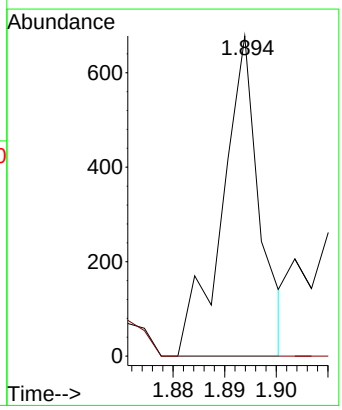


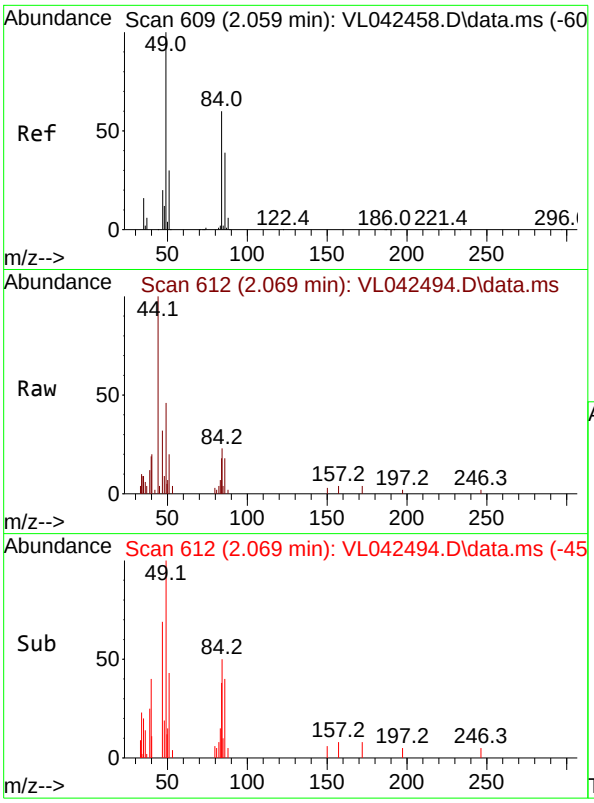


#19
Isopropyl Alcohol
Concen: 0.053 ppbv
RT: 1.894 min Scan# 558
Delta R.T. 0.010 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Tgt Ion: 45 Resp: 341

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.6	2.4#



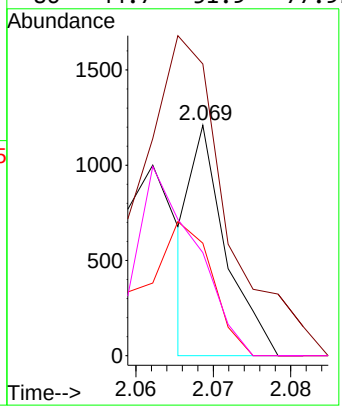


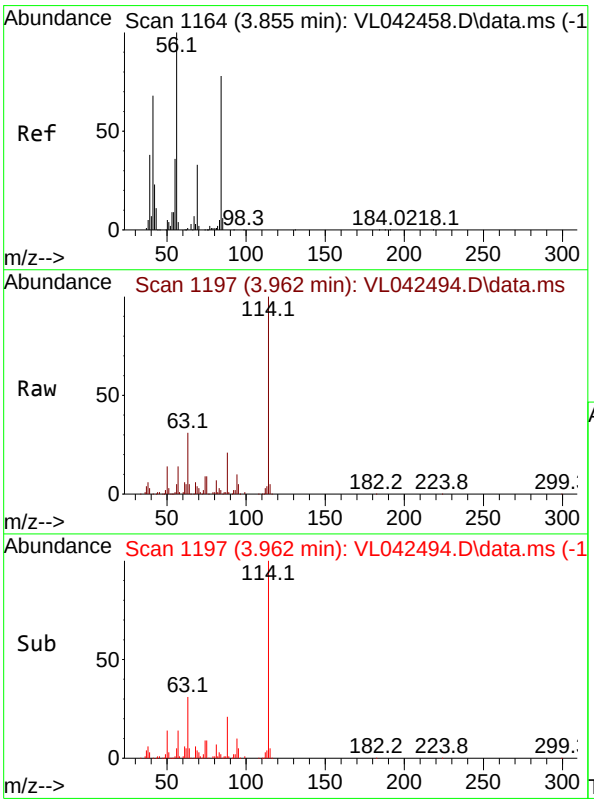
#20
Methylene Chloride
Concen: 0.106 ppbv
RT: 2.069 min Scan# 6
Delta R.T. 0.010 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Instrument :
MSVOA_L
ClientSampleId :
QC0429325 CAN 10458

Tgt Ion: 84 Resp: 369

Ion	Ratio	Lower	Upper
84	100		
49	99.8	133.9	200.9#
51	48.8	41.0	61.6
86	44.7	51.9	77.9#

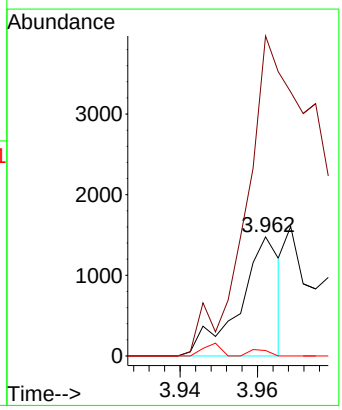


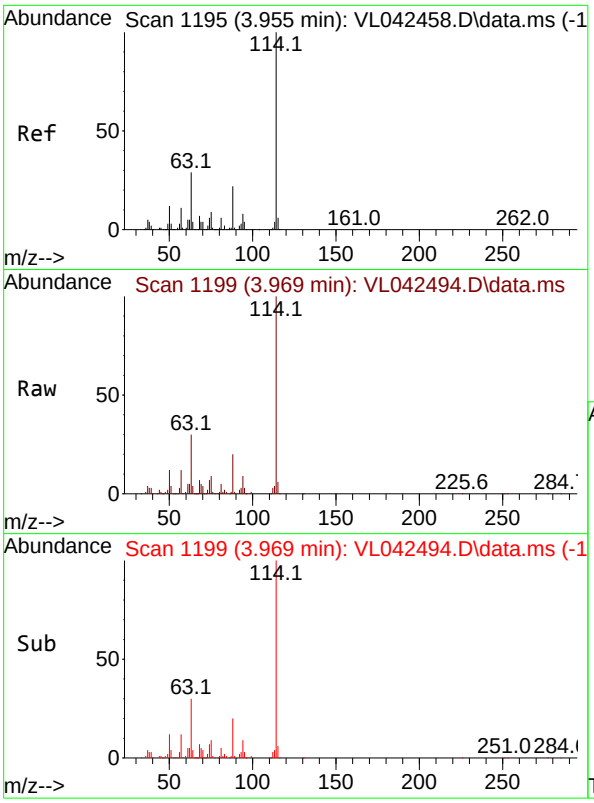


#30
Cyclohexane
Concen: 0.157 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.107 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Tgt Ion: 84 Resp: 1063

Ion	Ratio	Lower	Upper
84	100		
56	541.6	98.1	147.1#
41	7.3	65.8	98.8#



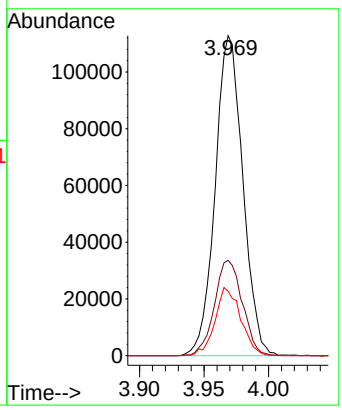


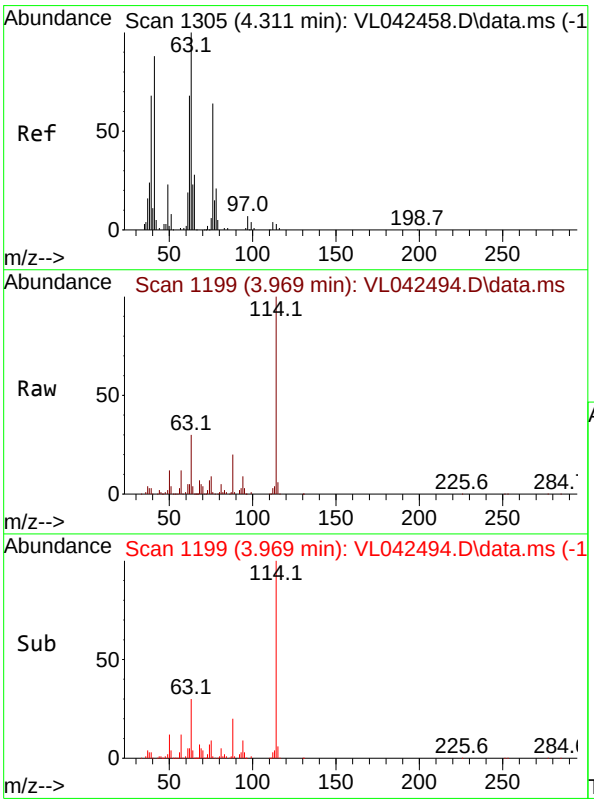
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.969 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Instrument :
MSVOA_L
ClientSampleId :
QC0429325 CAN 10458

Tgt Ion:114 Resp: 167805

Ion	Ratio	Lower	Upper
114	100		
63	30.1	23.1	34.7
88	19.8	16.1	24.1

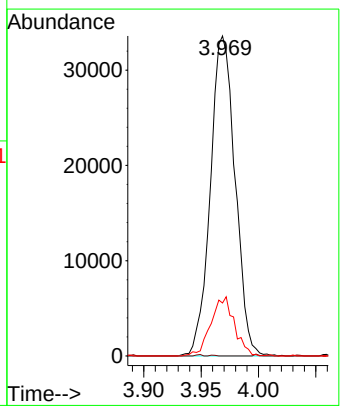


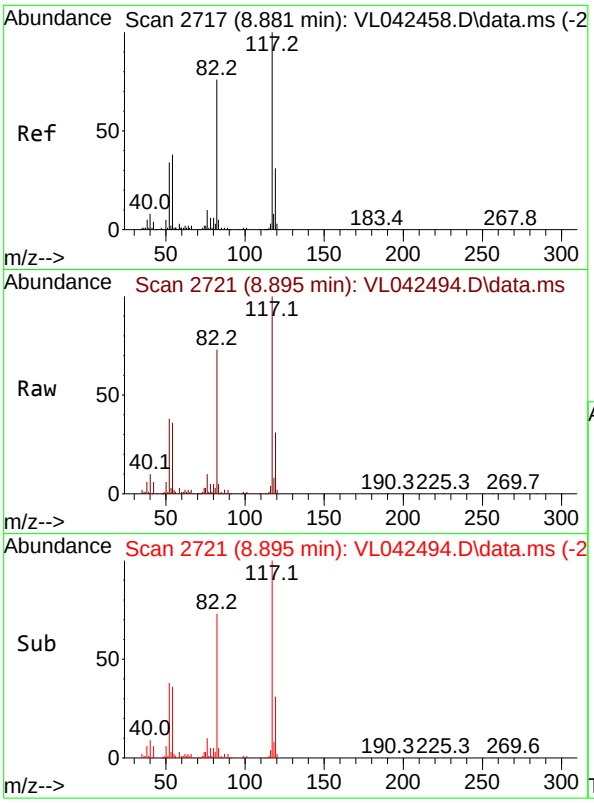


#39
1,2-Dichloropropane
Concen: 8.516 ppbv
RT: 3.969 min Scan# 1199
Delta R.T. -0.343 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Tgt Ion: 63 Resp: 50483

Ion	Ratio	Lower	Upper
63	100		
41	0.0	69.8	104.6#
62	16.6	54.3	81.5#



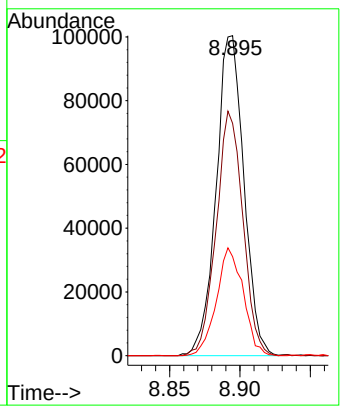


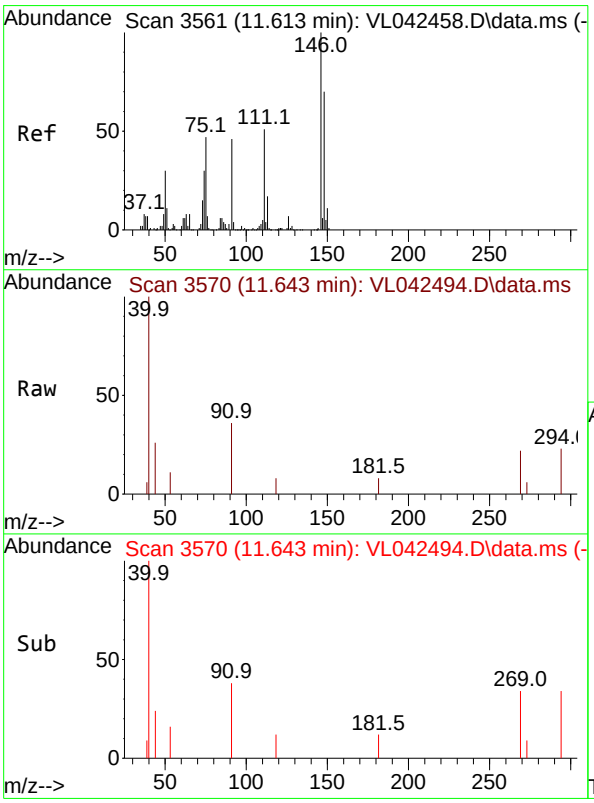
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 2
Delta R.T. 0.013 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Instrument :
MSVOA_L
ClientSampleId :
QC0429325 CAN 10458

Tgt Ion:117 Resp: 137886

Ion	Ratio	Lower	Upper
117	100		
82	73.5	63.5	95.3
119	32.6	25.8	38.8

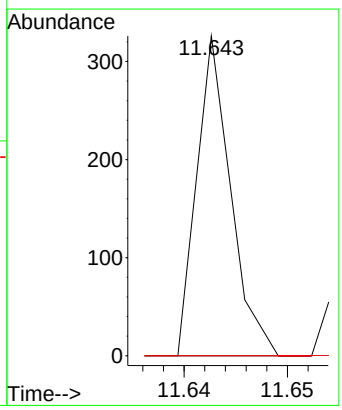


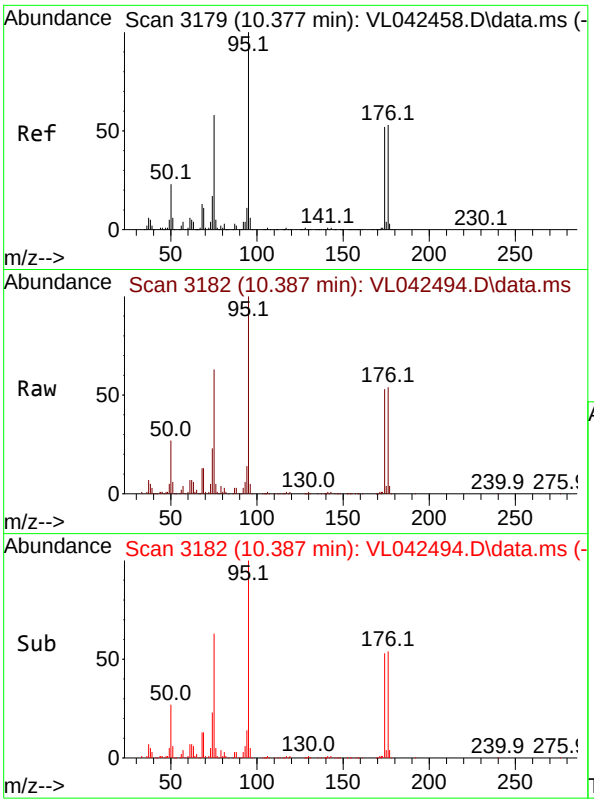


#66
Benzyl Chloride
Concen: 0.026 ppbv
RT: 11.643 min Scan# 3570
Delta R.T. 0.029 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Tgt Ion: 91 Resp: 74

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.3	19.9#
128	0.0	4.2	6.4#



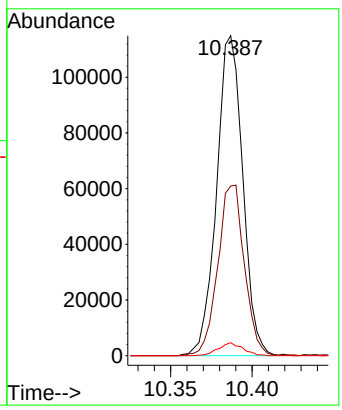


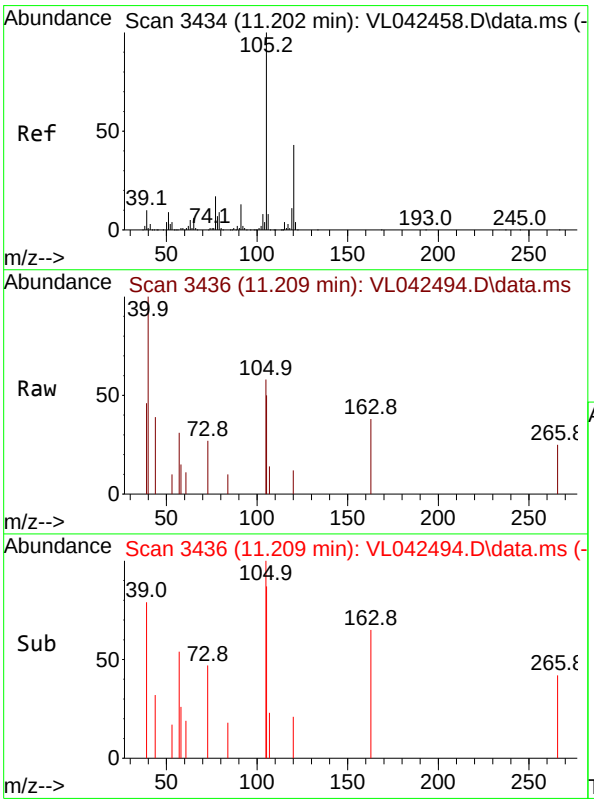
#68
1-Bromo-4-Fluorobenzene
Concen: 10.034 ppbv
RT: 10.387 min Scan# 3
Delta R.T. 0.010 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Instrument :
MSVOA_L
ClientSampleId :
QC0429325 CAN 10458

Tgt Ion: 95 Resp: 128271

Ion	Ratio	Lower	Upper
95	100		
174	54.3	42.7	64.1
175	3.8	3.6	5.4

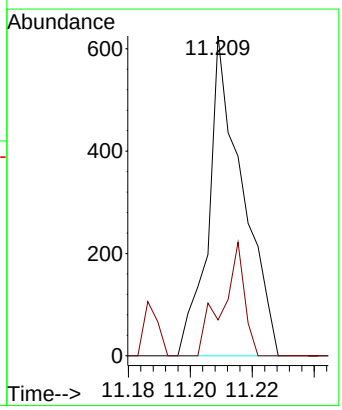


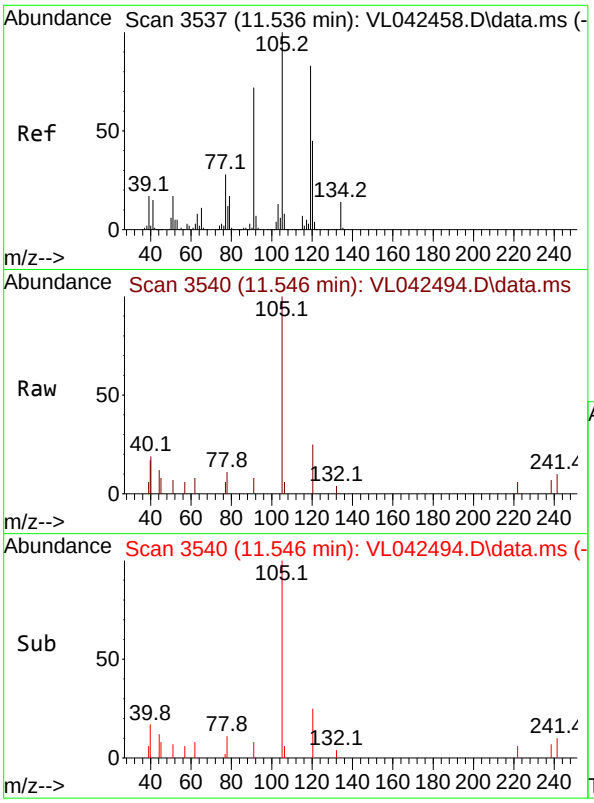


#73
1,3,5-Trimethylbenzene
Concen: 0.024 ppbv
RT: 11.209 min Scan# 3436
Delta R.T. 0.007 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Tgt Ion:105 Resp: 474

Ion	Ratio	Lower	Upper
105	100		
120	11.2	34.4	51.6#





#74
1,2,4-Trimethylbenzene
Concen: 0.039 ppbv
RT: 11.546 min Scan# 3
Delta R.T. 0.010 min
Lab File: VL042494.D
Acq: 06 May 2025 13:23

Instrument :
MSVOA_L
ClientSampleId :
QC0429325 CAN 10458

Tgt Ion:105 Resp: 936

Ion	Ratio	Lower	Upper
105	100		
120	25.5	36.1	54.1#
91	7.9	57.6	86.4#
77	16.8	22.1	33.1#