Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
Data File : VL042398.D
Acq On : 21 Apr 2025 11:04
Operator : SY/MD
Sample : QC041625 CAN 10329
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC041625 CAN 10329

Quant Time: Apr 22 02:52:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

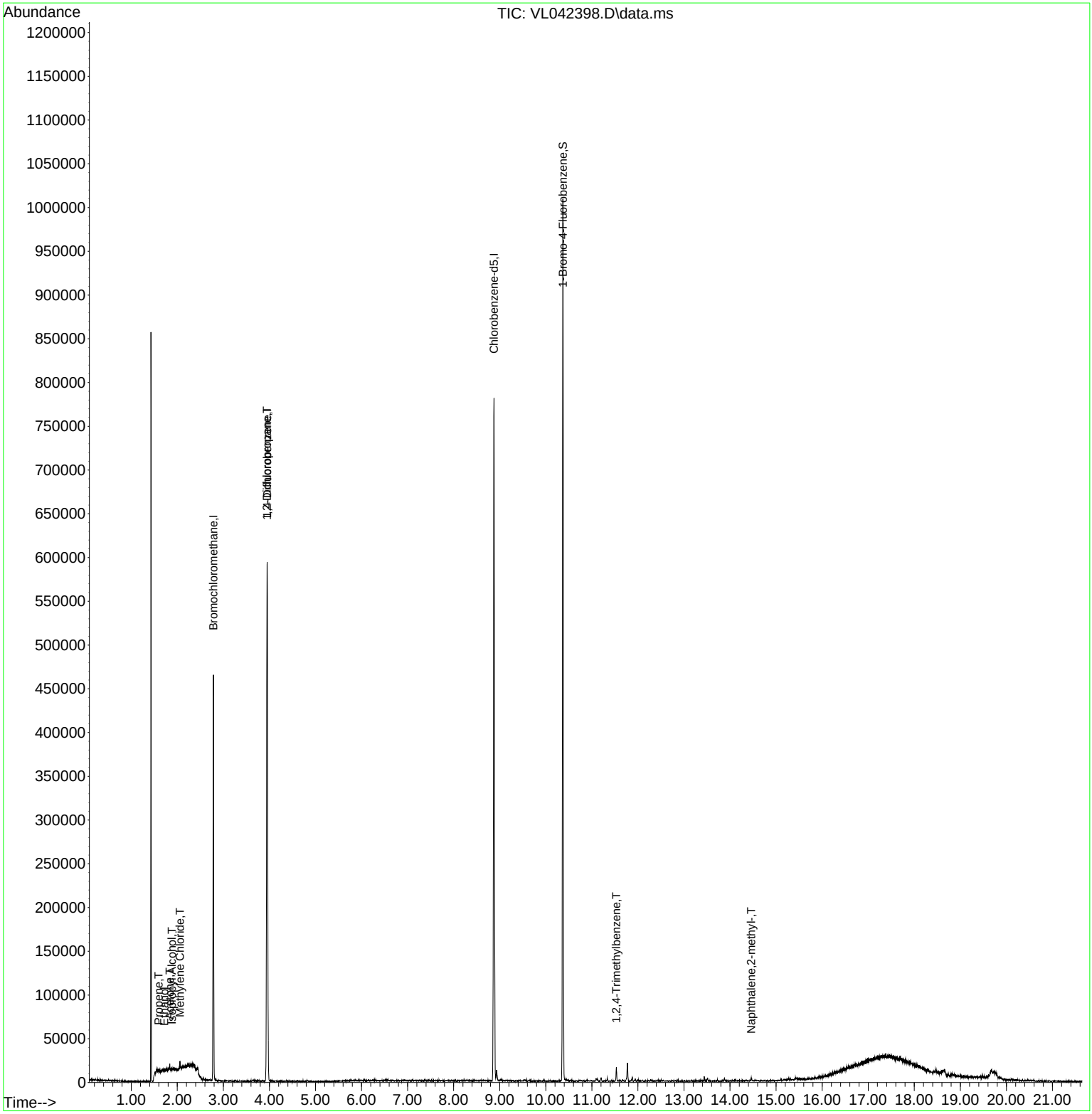
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.784	49	122640	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	341813	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	299973	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	254071	10.307	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.100%			
Target Compounds						Qvalue
9) Propene	1.596	41	1131	0.120	ppbv	85
13) Ethanol	1.716	45	402	0.269	ppbv	87
15) Acetone	1.835	43	3297	0.164	ppbv #	73
19) Isopropyl Alcohol	1.884	45	485	0.043	ppbv #	33
20) Methylene Chloride	2.059	84	1419	0.180	ppbv	85
39) 1,2-Dichloropropane	3.949	63	94414	6.872	ppbv #	23
74) 1,2,4-Trimethylbenzene	11.532	105	4545	0.075	ppbv #	65
80) Naphthalene,2-methyl-	14.461	142	1443	0.035	ppbv	92

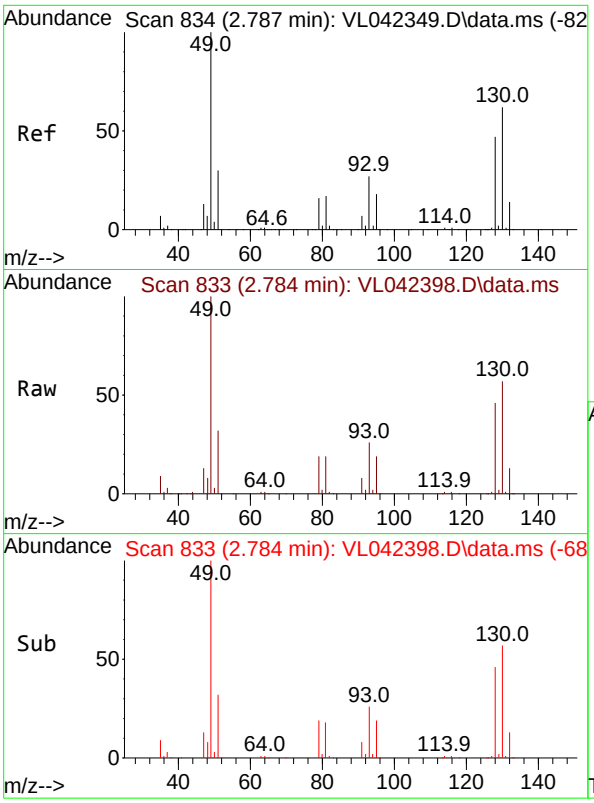
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042125\
Data File : VL042398.D
Acq On : 21 Apr 2025 11:04
Operator : SY/MD
Sample : QC041625 CAN 10329
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC041625 CAN 10329

Quant Time: Apr 22 02:52:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration



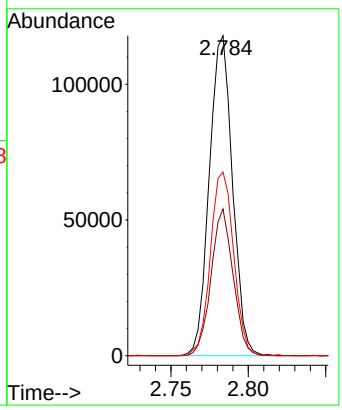


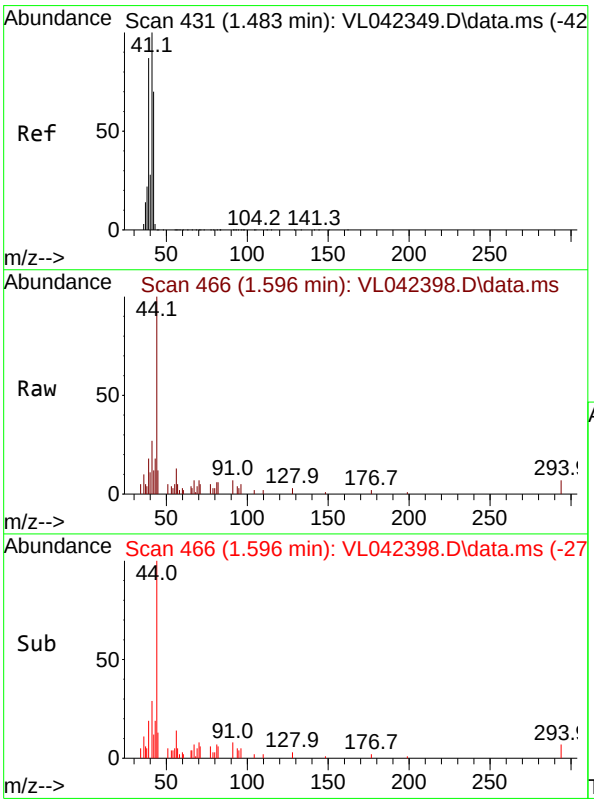
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 8
Delta R.T. -0.003 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Instrument :
MSVOA_L
ClientSampleId :
QC041625 CAN 10329

Tgt Ion: 49 Resp: 122640

Ion	Ratio	Lower	Upper
49	100		
128	43.5	22.8	68.4
130	57.7	29.3	88.0

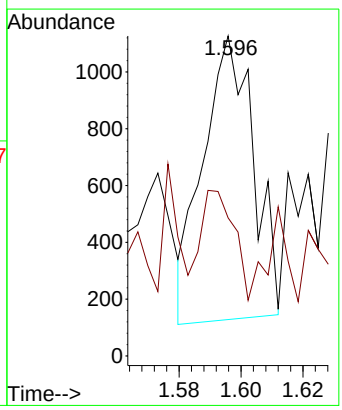


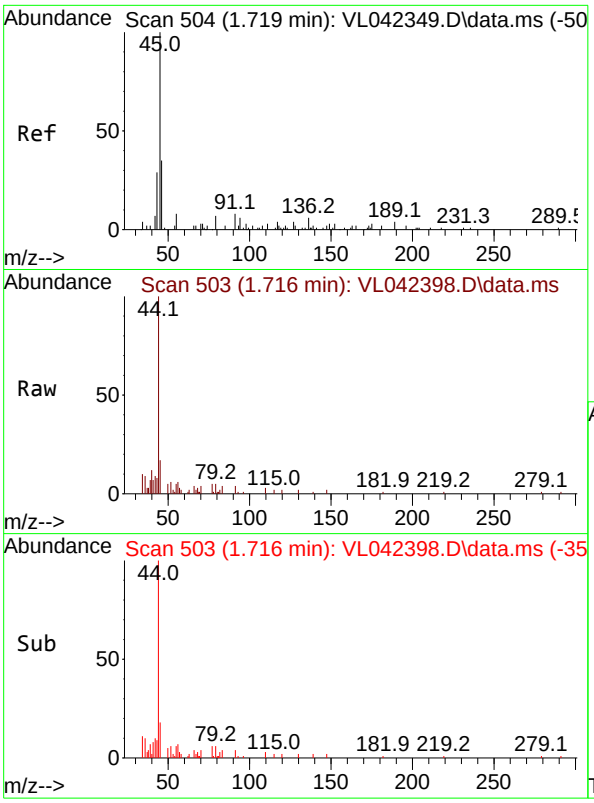


#9
Propene
Concen: 0.120 ppbv
RT: 1.596 min Scan# 466
Delta R.T. 0.113 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Tgt Ion: 41 Resp: 1131

Ion	Ratio	Lower	Upper
41	100		
42	58.4	56.2	84.4



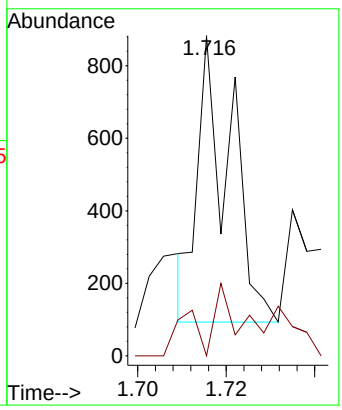


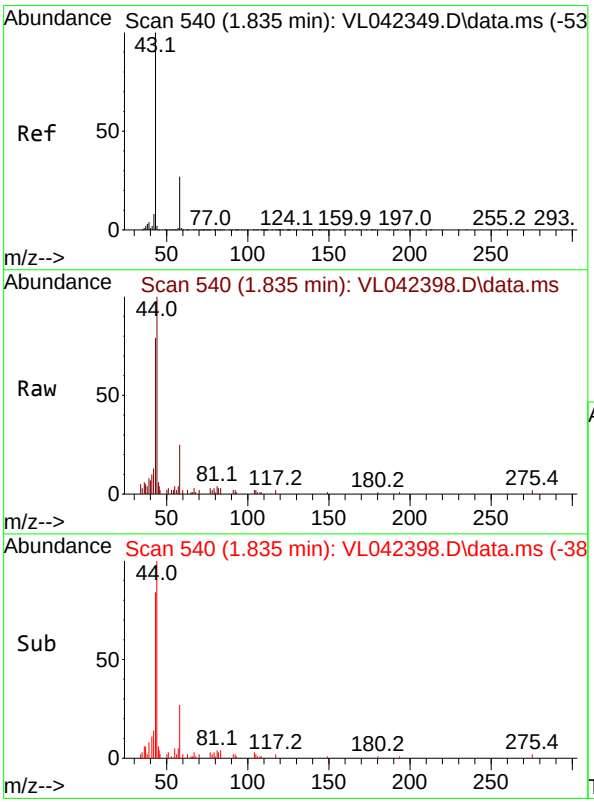
#13
Ethanol
Concen: 0.269 ppbv
RT: 1.716 min Scan# 5
Delta R.T. -0.003 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Instrument :
MSVOA_L
ClientSampleId :
QC041625 CAN 10329

Tgt Ion: 45 Resp: 402

Ion	Ratio	Lower	Upper
45	100		
46	45.5	21.9	87.7

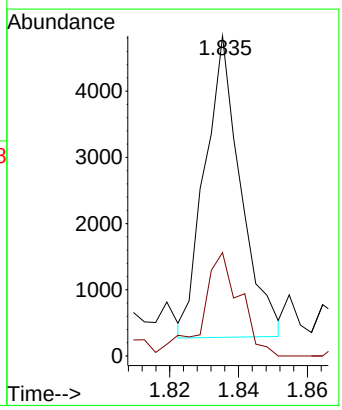


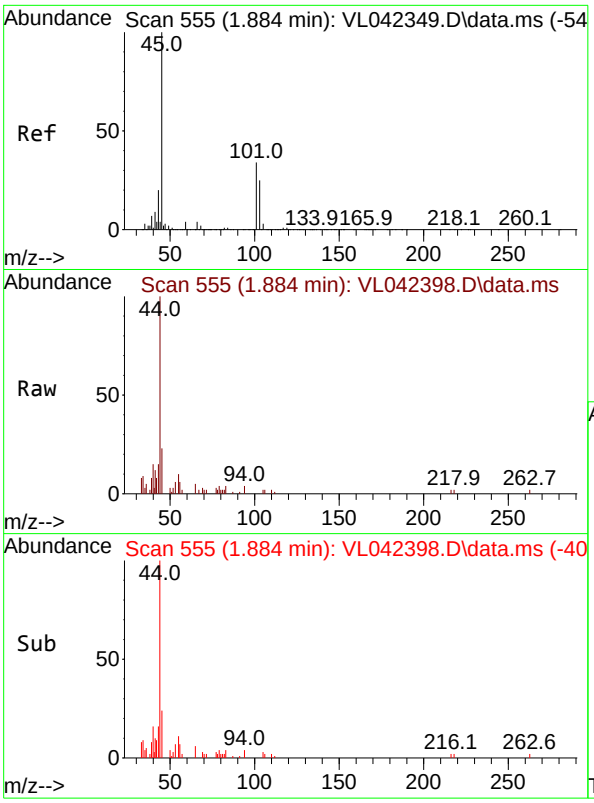


#15
Acetone
Concen: 0.164 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Tgt Ion: 43 Resp: 3297

Ion	Ratio	Lower	Upper
43	100		
58	42.5	22.4	33.6#



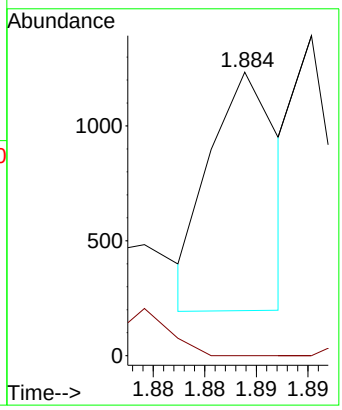


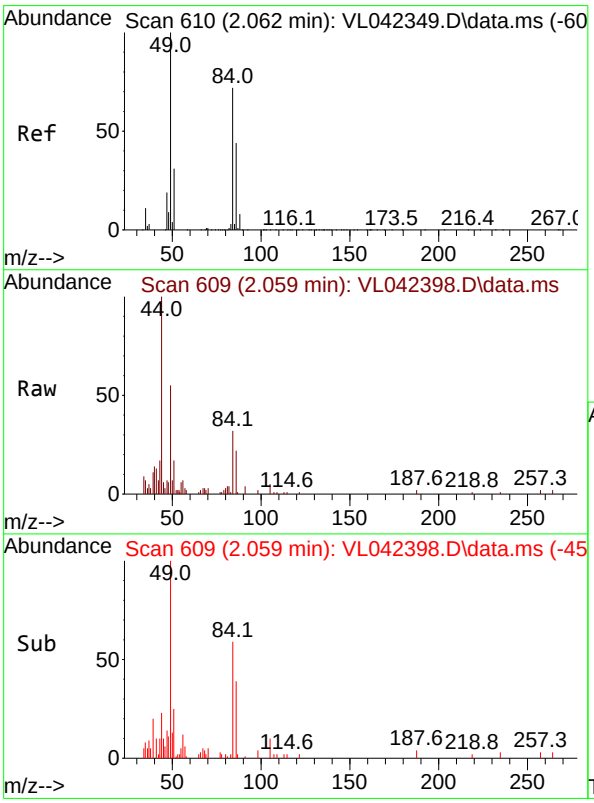
#19
Isopropyl Alcohol
Concen: 0.043 ppbv
RT: 1.884 min Scan# 5
Delta R.T. -0.000 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Instrument :
MSVOA_L
ClientSampleId :
QC041625 CAN 10329

Tgt Ion: 45 Resp: 485

Ion	Ratio	Lower	Upper
45	100		
58	0.0	34.5	51.7#

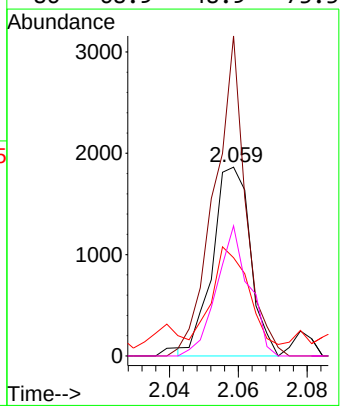


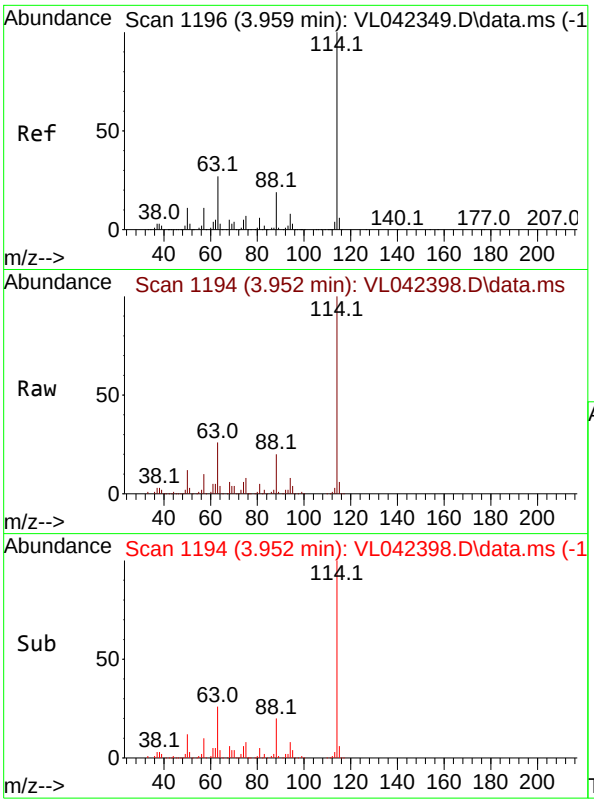


#20
Methylene Chloride
Concen: 0.180 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.003 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Tgt Ion: 84 Resp: 1419

Ion	Ratio	Lower	Upper
84	100		
49	165.6	111.6	167.4
51	45.9	35.1	52.7
86	68.9	48.9	73.3



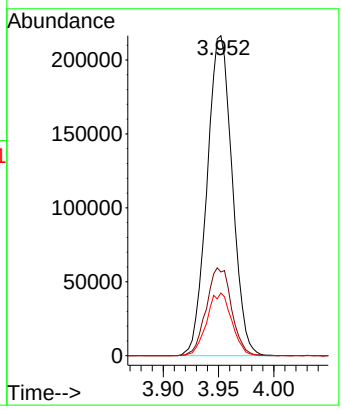


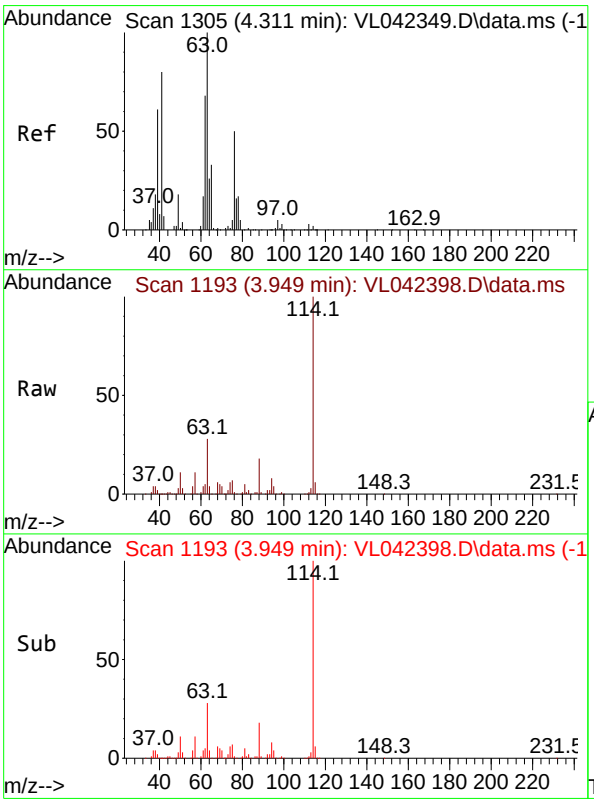
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Instrument :
MSVOA_L
ClientSampleId :
QC041625 CAN 10329

Tgt Ion:114 Resp: 341813

Ion	Ratio	Lower	Upper
114	100		
63	27.7	21.8	32.6
88	19.5	15.5	23.3

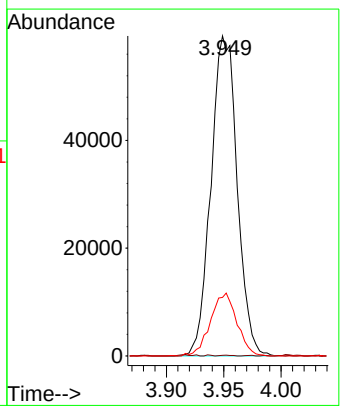


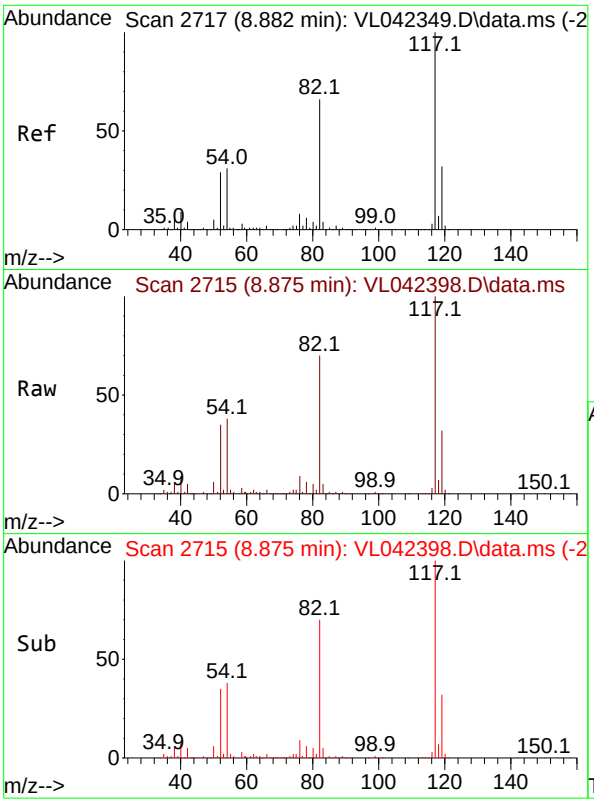


#39
1,2-Dichloropropane
Concen: 6.872 ppbv
RT: 3.949 min Scan# 1193
Delta R.T. -0.363 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Tgt Ion: 63 Resp: 94414

Ion	Ratio	Lower	Upper
63	100		
41	0.0	64.2	96.2#
62	18.3	54.3	81.5#



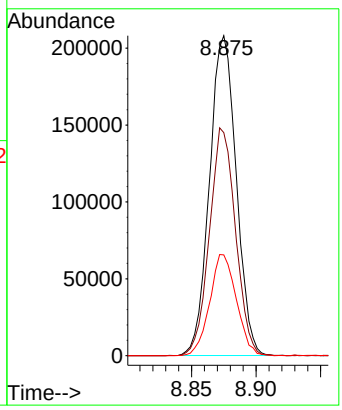


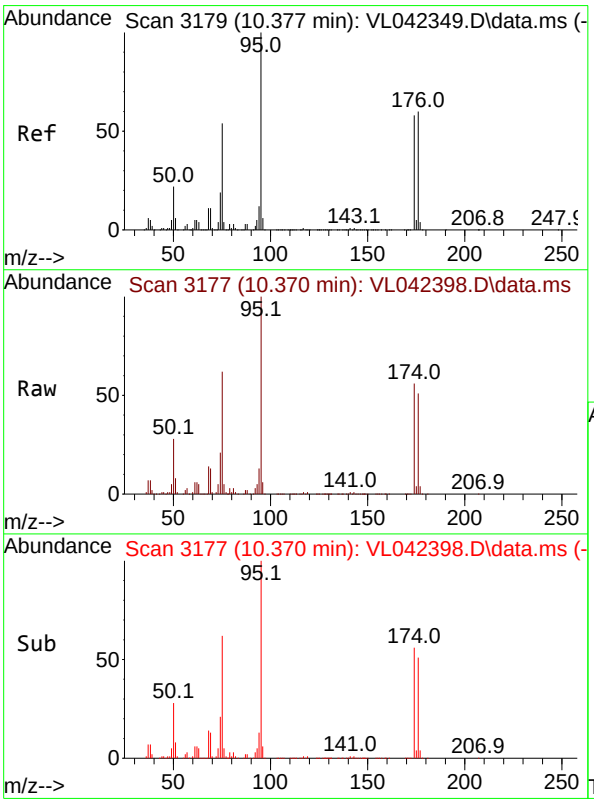
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2
Delta R.T. -0.007 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Instrument :
MSVOA_L
ClientSampleId :
QC041625 CAN 10329

Tgt Ion:117 Resp: 299973

Ion	Ratio	Lower	Upper
117	100		
82	69.5	57.8	86.6
119	31.6	25.2	37.8

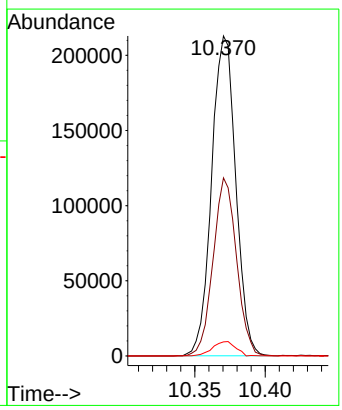


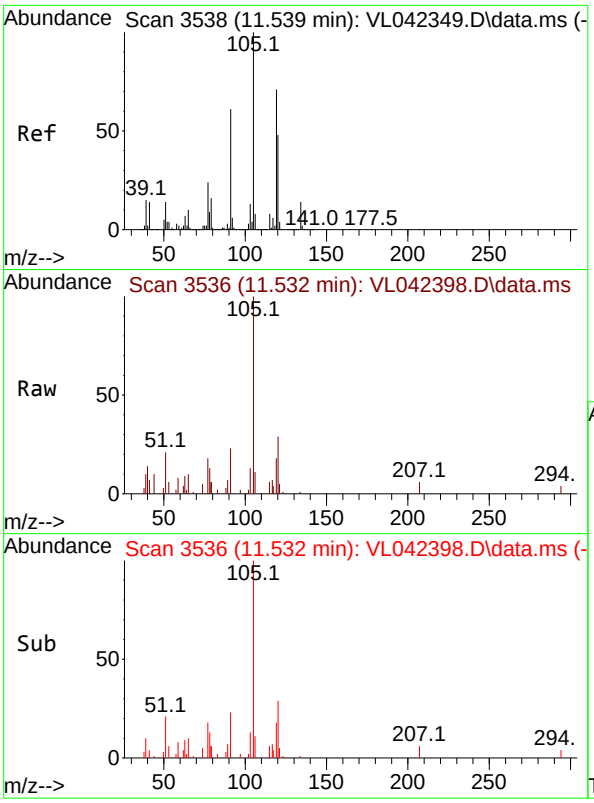


#68
1-Bromo-4-Fluorobenzene
Concen: 10.307 ppbv
RT: 10.370 min Scan# 3177
Delta R.T. -0.007 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Tgt Ion: 95 Resp: 254071

Ion	Ratio	Lower	Upper
95	100		
174	54.1	48.5	72.7
175	4.4	3.7	5.5



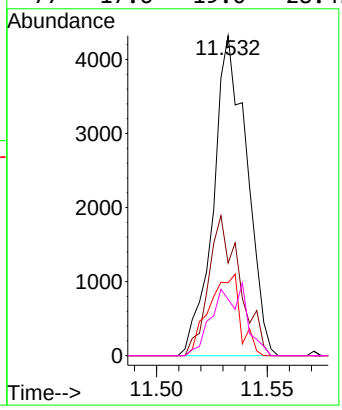


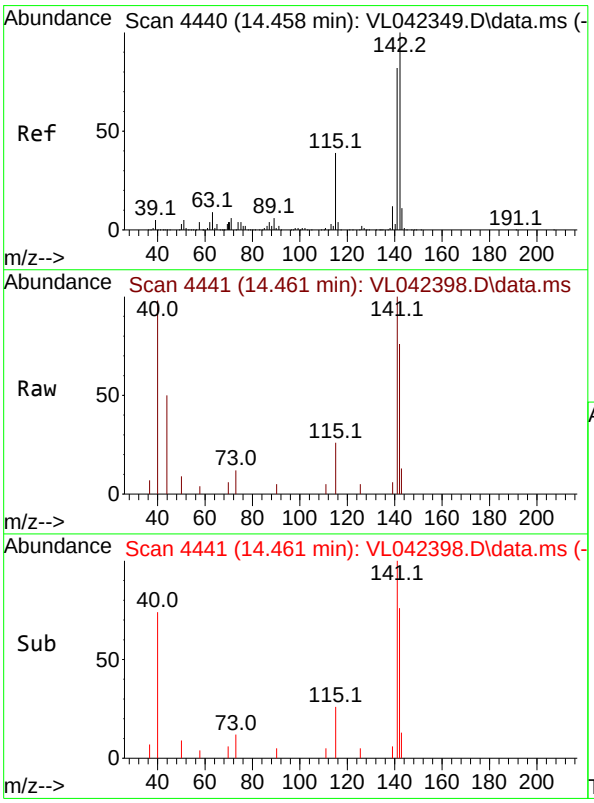
#74
1,2,4-Trimethylbenzene
Concen: 0.075 ppbv
RT: 11.532 min Scan# 3
Delta R.T. -0.007 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Instrument :
MSVOA_L
ClientSampleId :
QC041625 CAN 10329

Tgt Ion:105 Resp: 4545

Ion	Ratio	Lower	Upper
105	100		
120	29.0	38.1	57.1#
91	22.8	48.8	73.2#
77	17.6	19.0	28.4#





#80
Naphthalene,2-methyl-
Concen: 0.035 ppbv
RT: 14.461 min Scan# 4441
Delta R.T. 0.003 min
Lab File: VL042398.D
Acq: 21 Apr 2025 11:04

Tgt Ion:142 Resp: 1443

Ion	Ratio	Lower	Upper
142	100		
141	93.9	66.8	100.2
115	40.3	33.4	50.2