Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
Data File : VL041404.D
Acq On : 25 Jul 2024 17:24
Operator : SY/MD
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Quant Time: Jul 26 02:45:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Jul 25 14:31:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.176	49	1173154	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.639	114	3272729	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.458	117	3056197	10.000	ppbv	#	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.767	95	2360153	10.303	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.000%				
Target Compounds							Qvalue
4) Chloromethane	2.790	50	2770	0.036	ppbv		93
6) Bromomethane	3.102	94	1279	0.048	ppbv	#	12
8) Dichlorotetrafluoroethane	2.835	85	6246	0.032	ppbv		94
9) Propene	2.674	41	5228	0.075	ppbv	#	62
15) Acetone	3.475	43	13365	0.086	ppbv	#	46
20) Methylene Chloride	3.918	84	8523	0.152	ppbv	#	87
29) Chloroform	5.259	83	6929	0.036	ppbv	#	82
39) 1,2-Dichloropropane	6.639	63	800118	7.644	ppbv	#	26
80) Naphthalene,2-methyl-	24.371	142	304	0.560	ppbv	#	35

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

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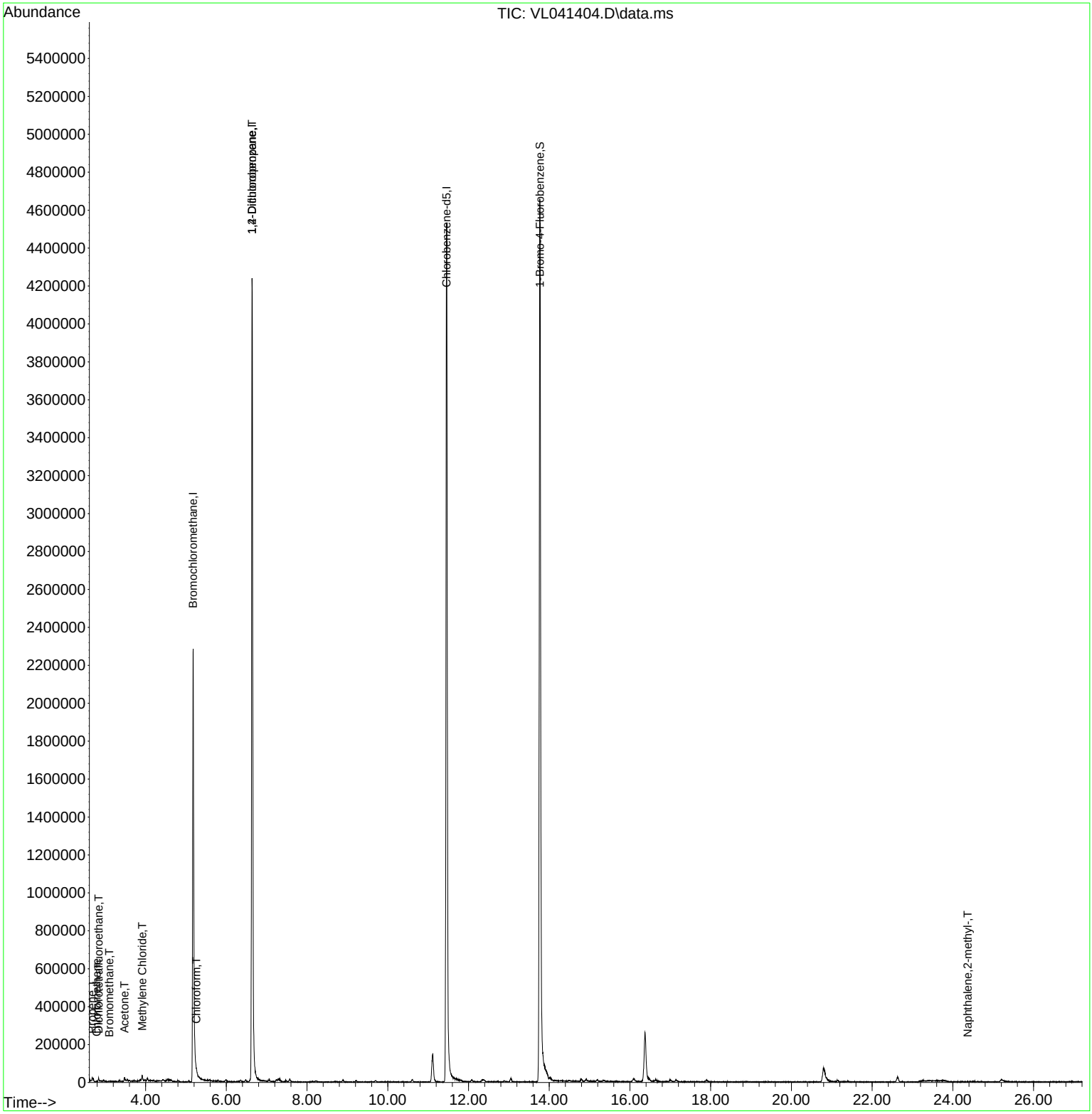
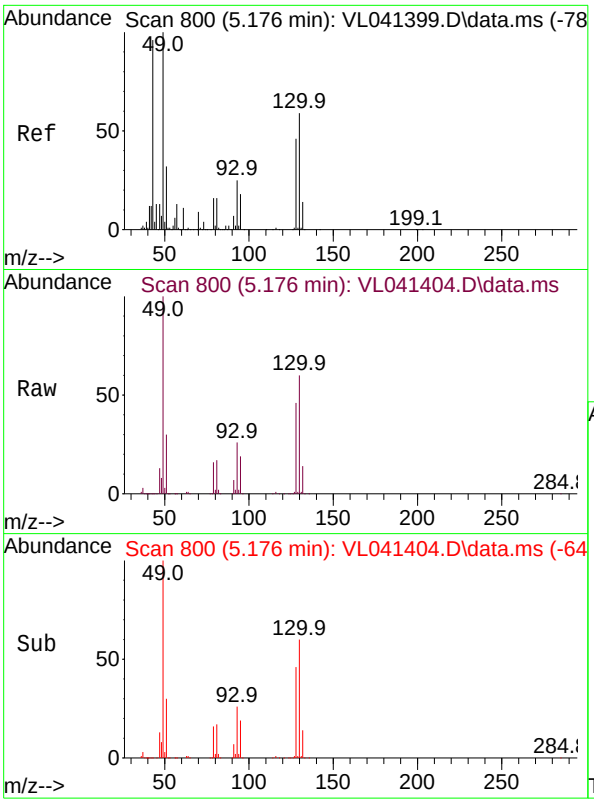


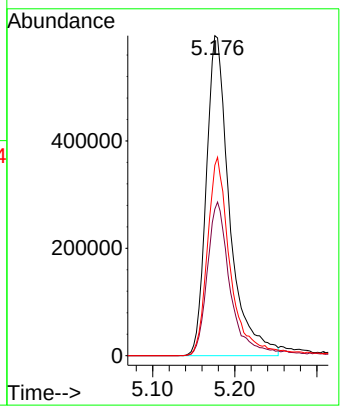


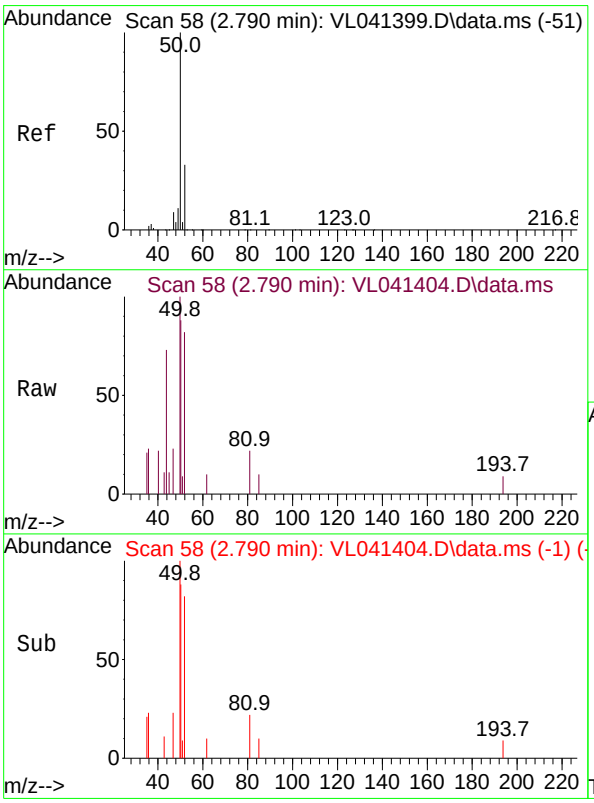
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 8
Delta R.T. -0.000 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 49 Resp: 1173154

Ion	Ratio	Lower	Upper
49	100		
128	48.8	23.8	71.4
130	63.1	30.8	92.4

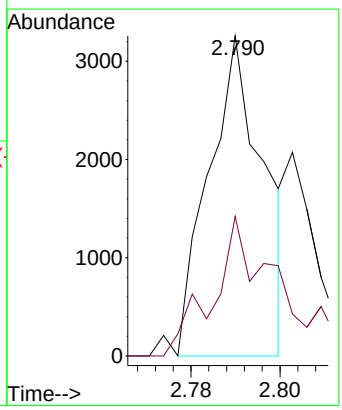


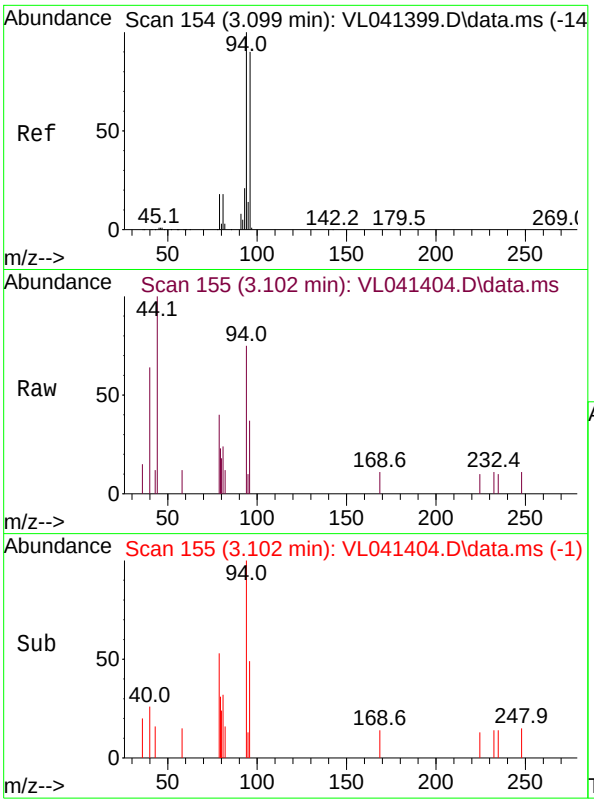


#4
Chloromethane
Concen: 0.036 ppbv
RT: 2.790 min Scan# 58
Delta R.T. -0.000 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Tgt Ion: 50 Resp: 2770

Ion	Ratio	Lower	Upper
50	100		
52	36.7	26.1	39.1



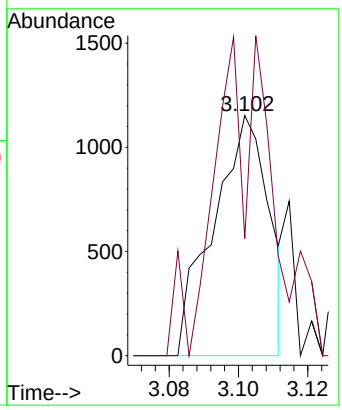


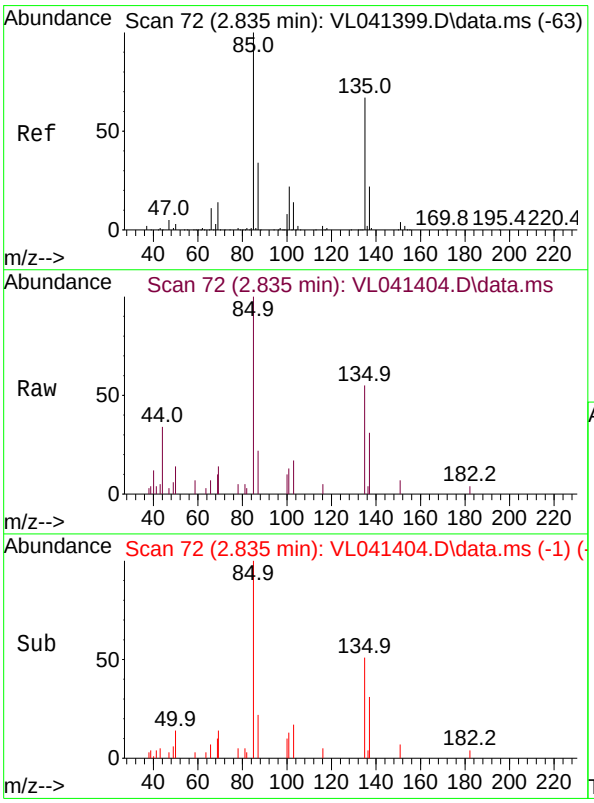
#6
Bromomethane
Concen: 0.048 ppbv
RT: 3.102 min Scan# 1
Delta R.T. 0.003 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 94 Resp: 1279

Ion	Ratio	Lower	Upper
94	100		
96	7.2	72.3	108.5#

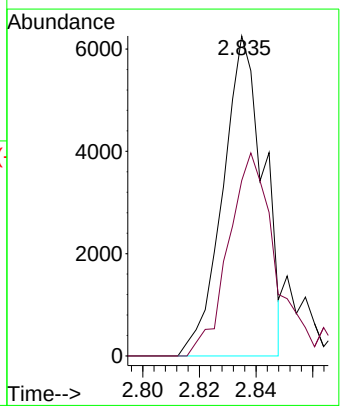


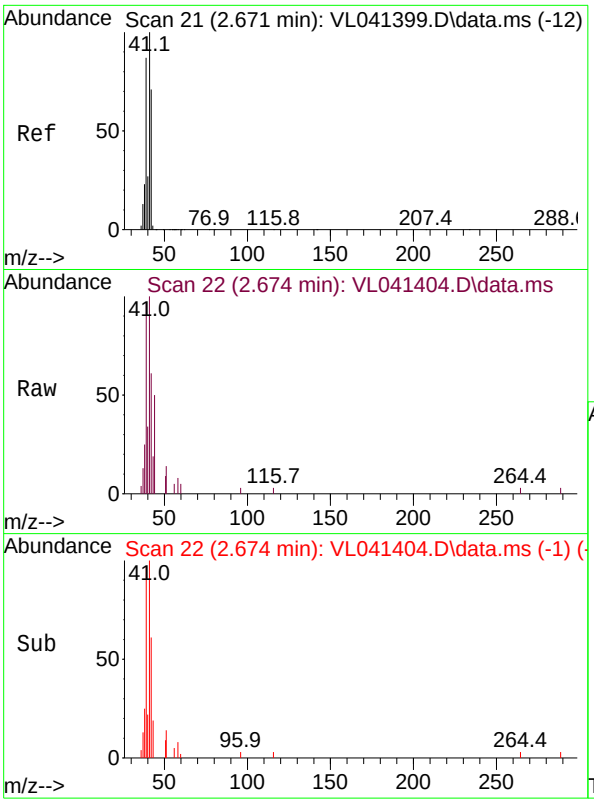


#8
Dichlorotetrafluoroethane
Concen: 0.032 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.000 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Tgt Ion: 85 Resp: 6246

Ion	Ratio	Lower	Upper
85	100		
135	74.2	55.4	83.0



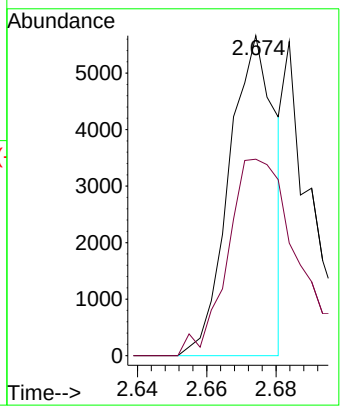


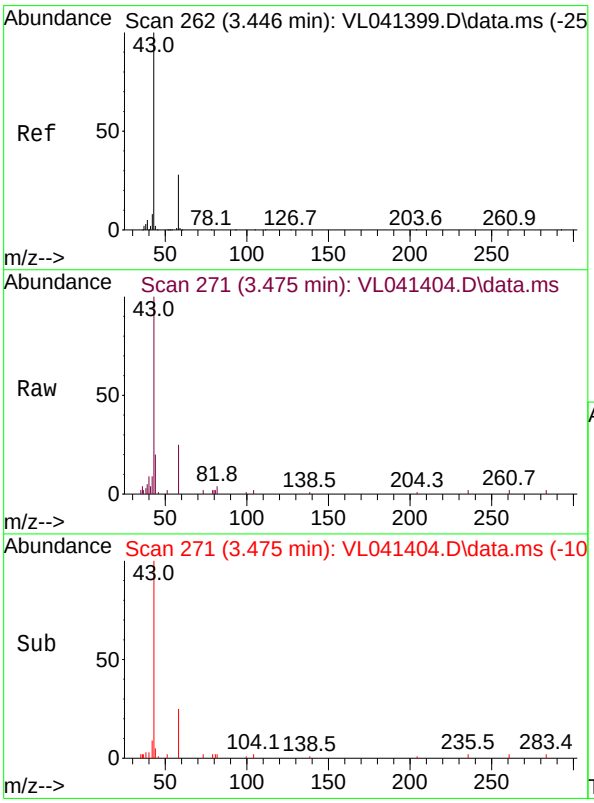
#9
Propene
Concen: 0.075 ppbv
RT: 2.674 min Scan# 2
Delta R.T. 0.003 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 41 Resp: 5228

Ion	Ratio	Lower	Upper
41	100		
42	101.5	55.9	83.9#

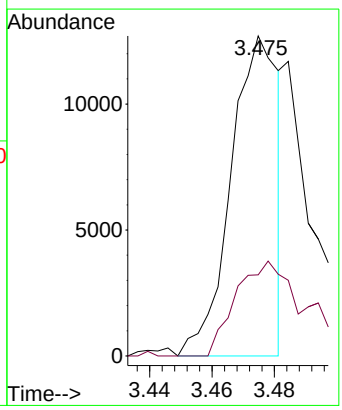


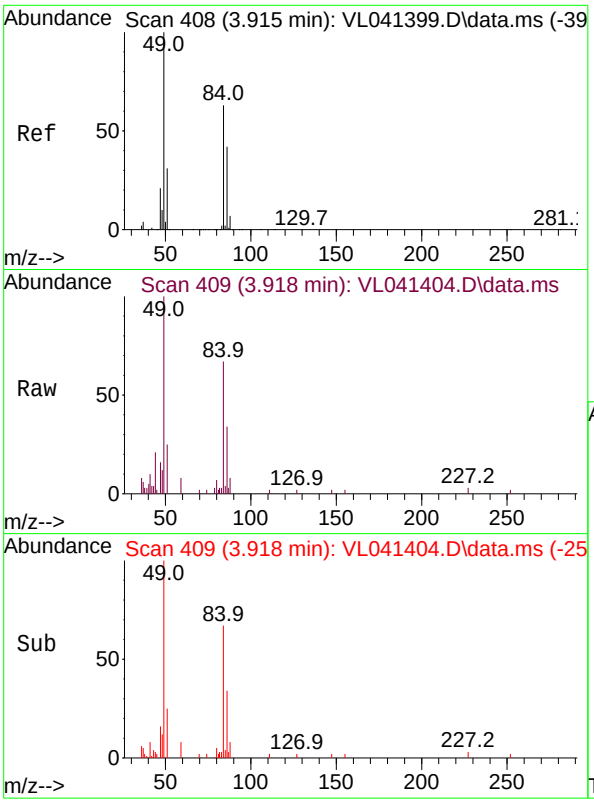


#15
Acetone
Concen: 0.086 ppbv
RT: 3.475 min Scan# 271
Delta R.T. 0.029 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Tgt Ion: 43 Resp: 13365

Ion	Ratio	Lower	Upper
43	100		
58	54.5	21.4	32.2#



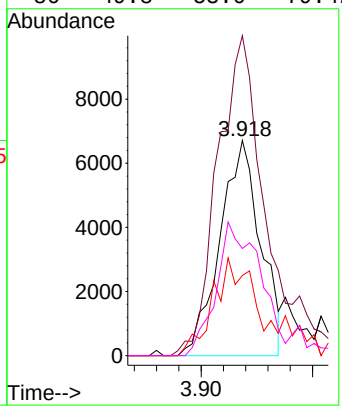


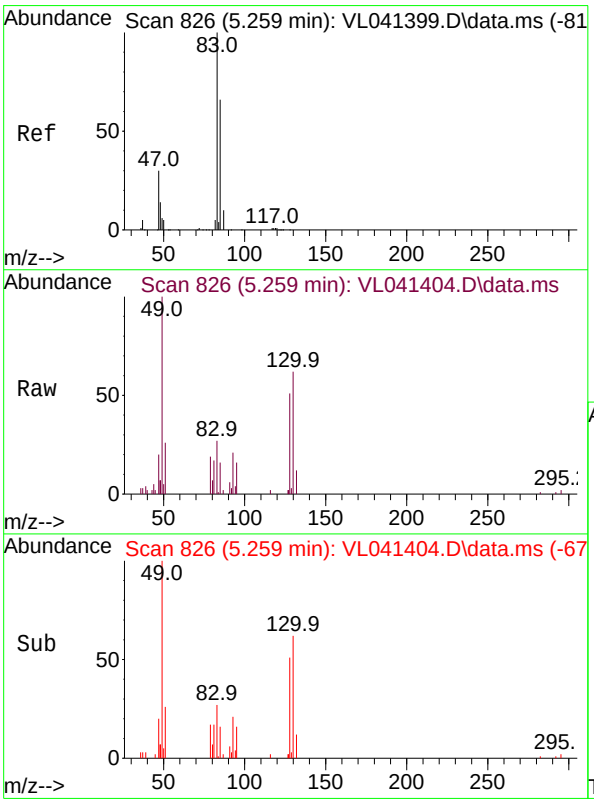
#20
Methylene Chloride
Concen: 0.152 ppbv
RT: 3.918 min Scan# 4
Delta R.T. 0.003 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion: 84 Resp: 8523

Ion	Ratio	Lower	Upper
84	100		
49	146.4	126.6	190.0
51	37.3	38.6	58.0#
86	49.8	53.0	79.4#

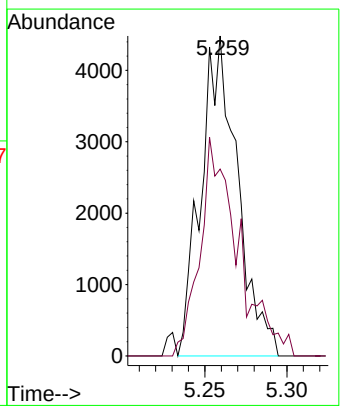


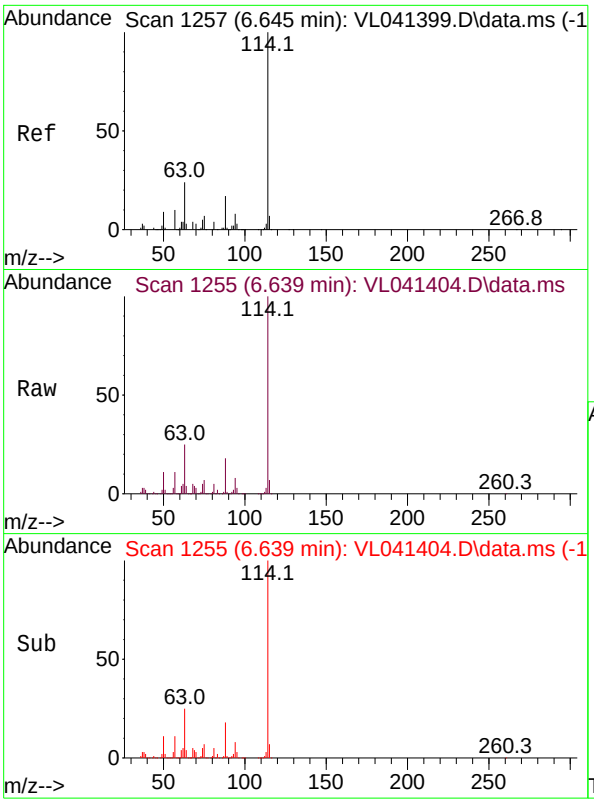


#29
Chloroform
Concen: 0.036 ppbv
RT: 5.259 min Scan# 826
Delta R.T. -0.000 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Tgt Ion: 83 Resp: 6929

Ion	Ratio	Lower	Upper
83	100		
85	52.2	53.1	79.7#



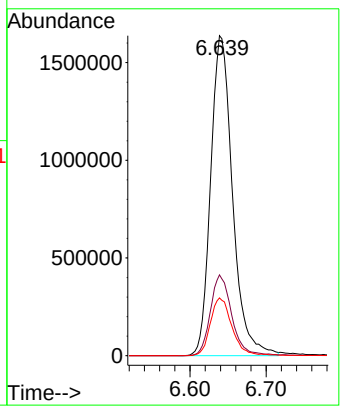


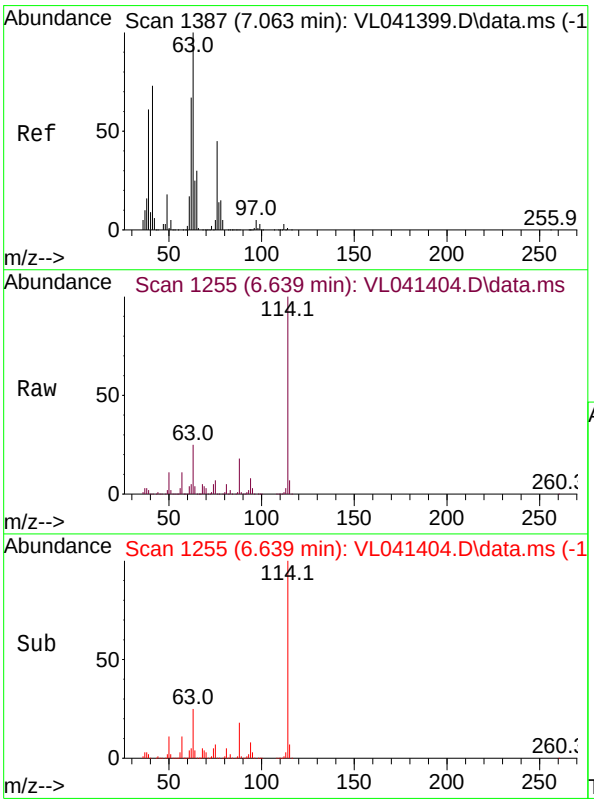
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1
Delta R.T. -0.006 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:114 Resp: 3272729

Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.3	30.5
88	18.0	14.3	21.5

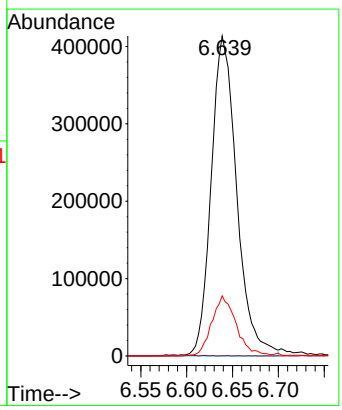


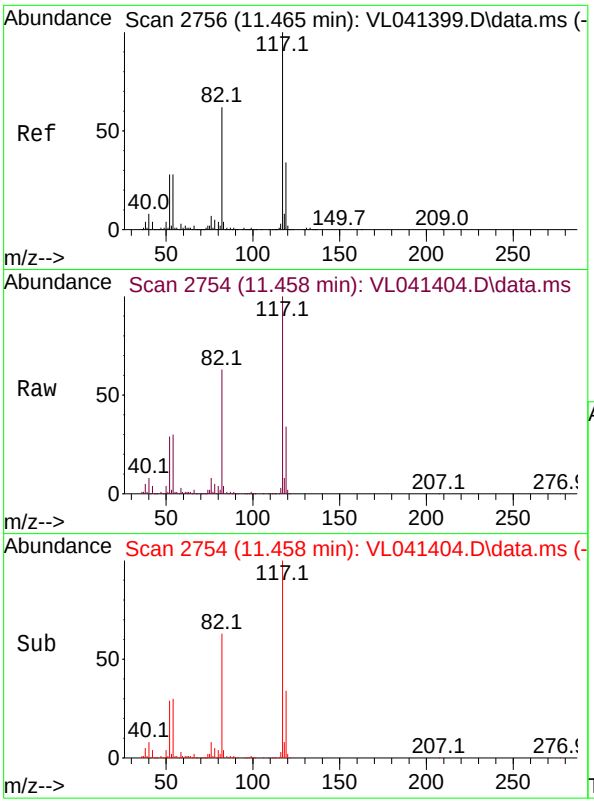


#39
1,2-Dichloropropane
Concen: 7.644 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.424 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Tgt Ion: 63 Resp: 800118

Ion	Ratio	Lower	Upper
63	100		
41	0.0	58.3	87.5#
62	18.8	53.9	80.9#



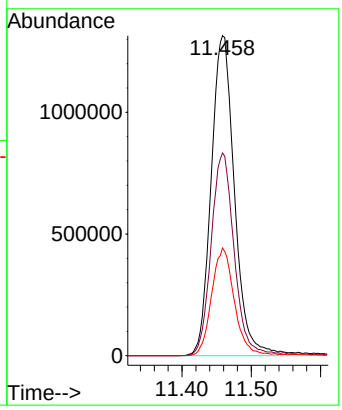


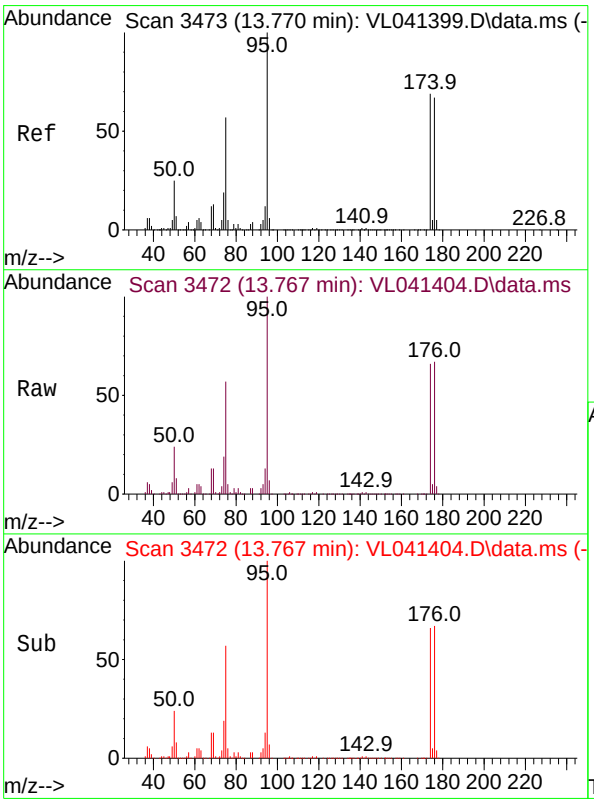
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2
Delta R.T. -0.006 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:117 Resp: 3056197

Ion	Ratio	Lower	Upper
117	100		
82	64.0	51.0	76.6
119	33.7	45.2	67.8#

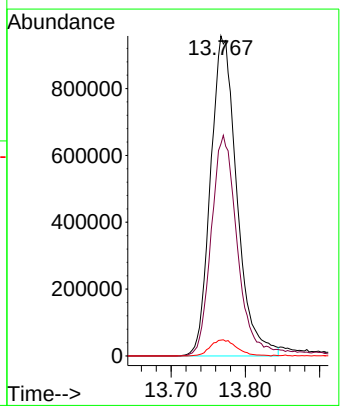


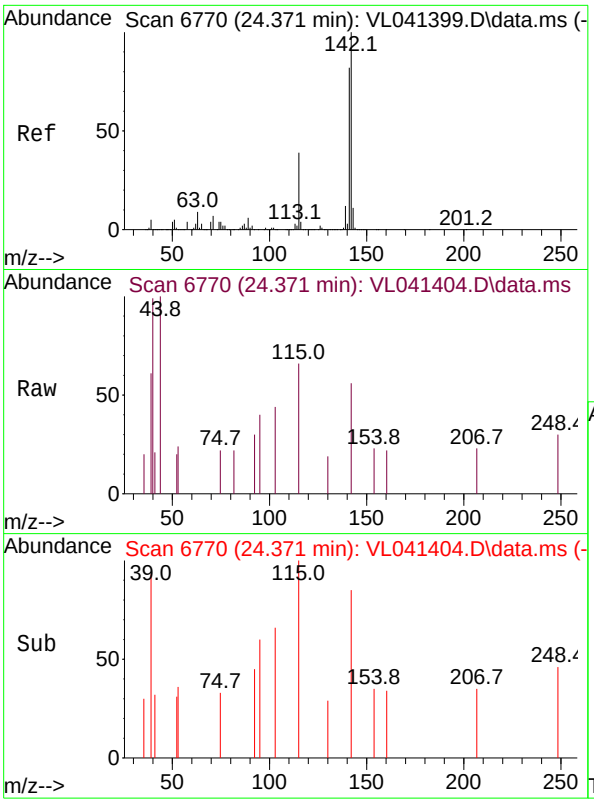


#68
1-Bromo-4-Fluorobenzene
Concen: 10.303 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. -0.003 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Tgt Ion: 95 Resp: 2360153

Ion	Ratio	Lower	Upper
95	100		
174	71.0	56.3	84.5
175	5.3	4.0	6.0





#80
Naphthalene,2-methyl-
Concen: 0.560 ppbv
RT: 24.371 min Scan# 6
Delta R.T. -0.000 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.03

Tgt Ion:142 Resp: 304

Ion	Ratio	Lower	Upper
142	100		
141	24.3	67.0	100.4#
115	0.0	32.2	48.2#