Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
Data File : VL041898.D
Acq On : 14 Jan 2025 19:05
Operator : SY/MD
Sample : VL0114ABL02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jan 15 03:25:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 14 23:15:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.790	49	138889	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	407987	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	348302	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	272004	9.915	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.200%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	1.479	51	800	0.040	ppbv	# 81
13) Ethanol	1.722	45	2803	4.687	ppbv	# 31
15) Acetone	1.839	43	4220	0.253	ppbv	# 86
19) Isopropyl Alcohol	1.722	45	2803	0.283	ppbv	# 37
20) Methylene Chloride	2.062	84	2221	0.337	ppbv	# 71
39) 1,2-Dichloropropane	3.968	63	103197	7.862	ppbv	# 23
56) 1,1,1,2-Tetrachloroethane	8.577	131	28	0.002	ppbv	# 9
80) Naphthalene,2-methyl-	14.474	142	212	0.009	ppbv	# 46

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

Quantitation Report (Not Reviewed)

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Data File : VL041898.D
Acq On : 14 Jan 2025 19:05
Operator : SY/MD
Sample : VL0114ABL02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jan 15 03:25:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Jan 14 23:15:42 2025
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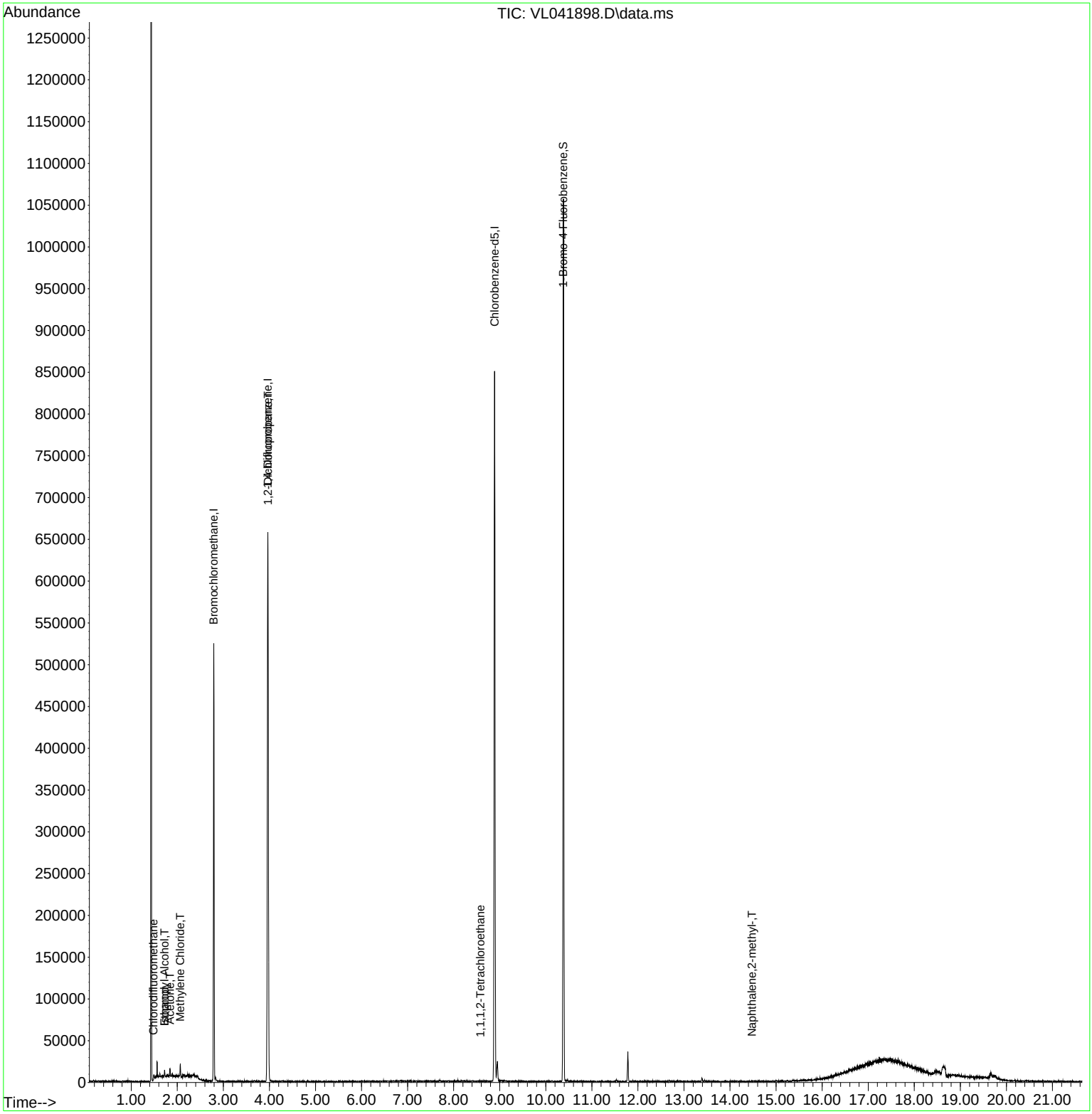
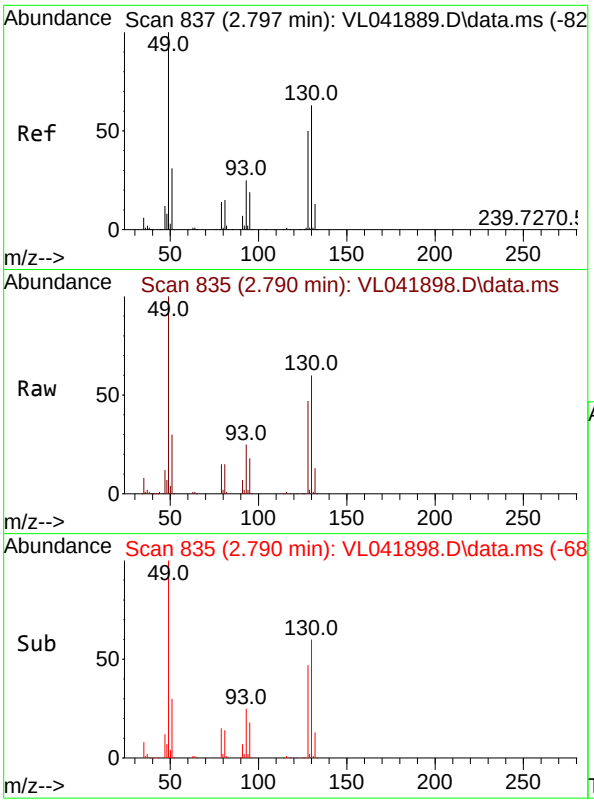


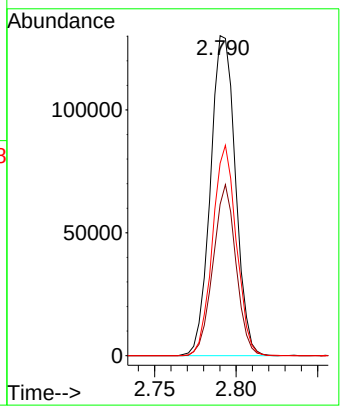


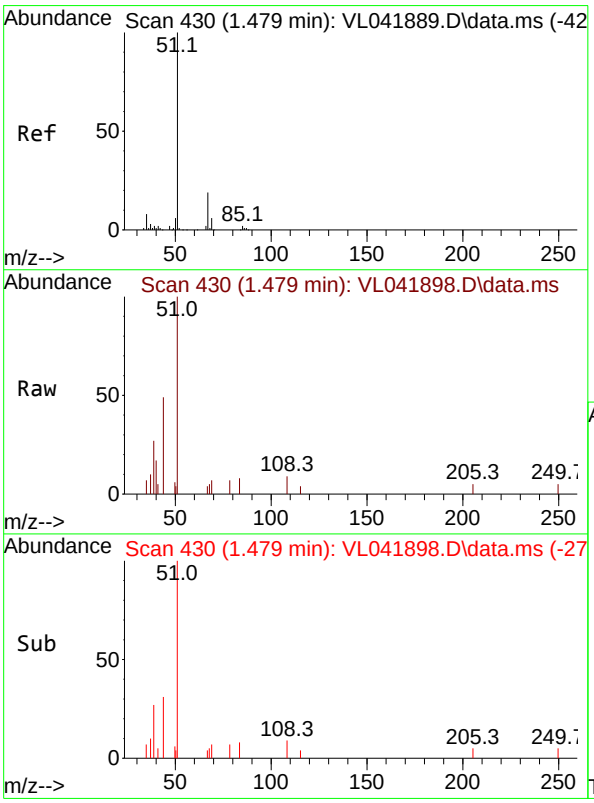
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 8
Delta R.T. -0.007 min
Lab File: VL041898.D
Acq: 14 Jan 2025 19:05

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 138889

Ion	Ratio	Lower	Upper
49	100		
128	48.9	24.3	73.0
130	62.6	31.1	93.2

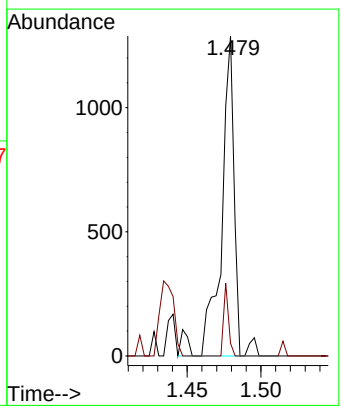


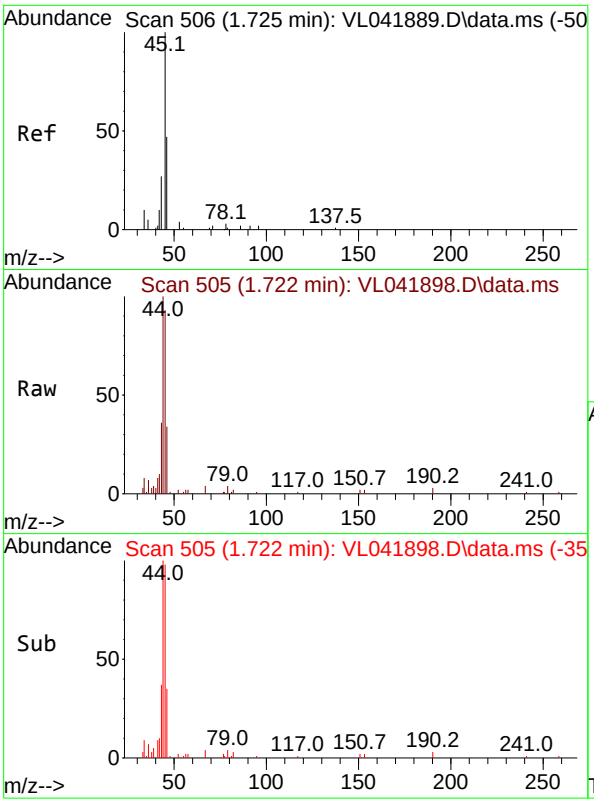


#3
Chlorodifluoromethane
Concen: 0.040 ppbv
RT: 1.479 min Scan# 430
Delta R.T. 0.000 min
Lab File: VL041898.D
Acq: 14 Jan 2025 19:05

Tgt Ion: 51 Resp: 800

Ion	Ratio	Lower	Upper
51	100		
67	27.1	15.0	22.4#



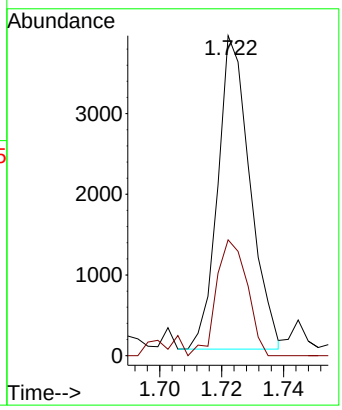


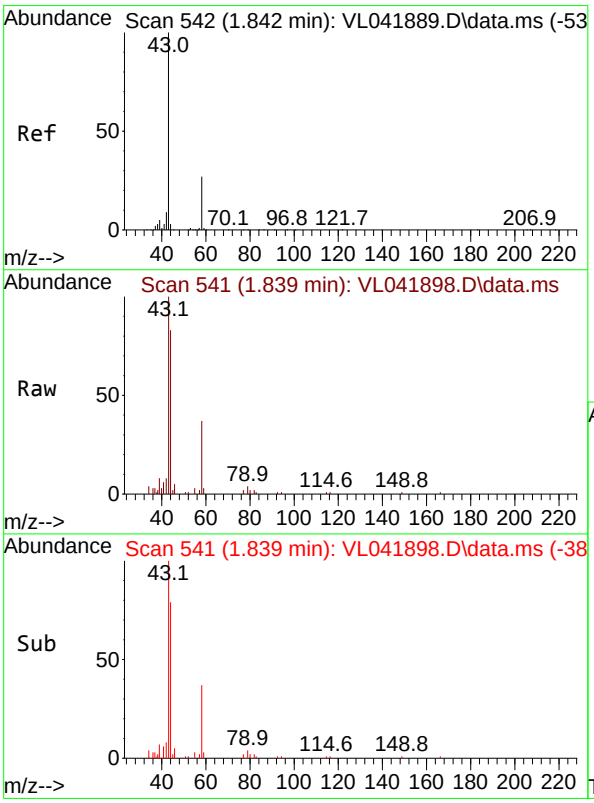
#13
Ethanol
Concen: 4.687 ppbv
RT: 1.722 min Scan# 5
Delta R.T. -0.003 min
Lab File: VL041898.D
Acq: 14 Jan 2025 19:05

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 2803

Ion	Ratio	Lower	Upper
45	100		
46	0.0	18.1	72.5#

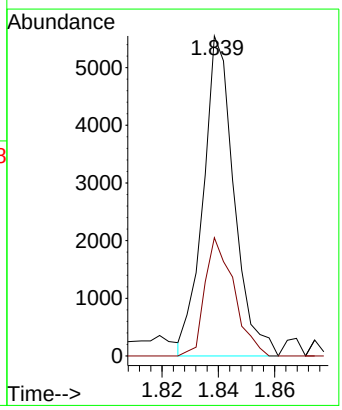


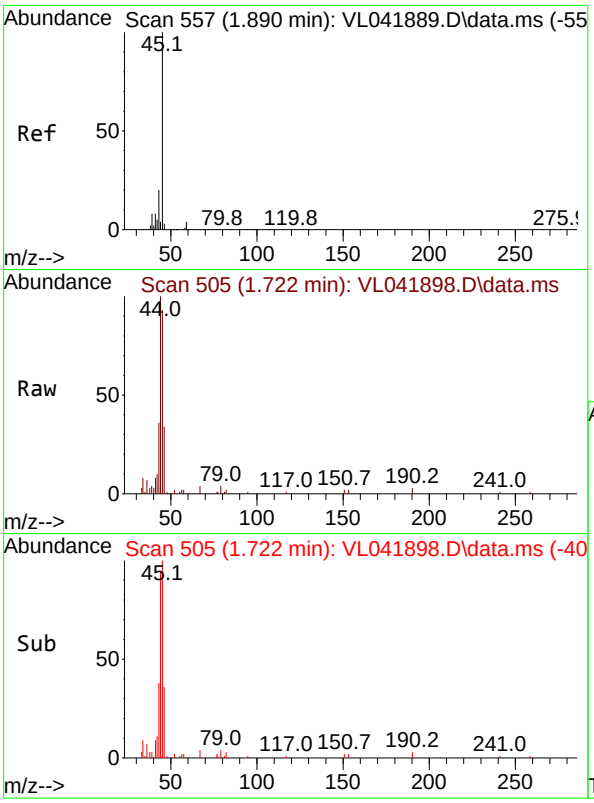


#15
Acetone
Concen: 0.253 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL041898.D
Acq: 14 Jan 2025 19:05

Tgt Ion: 43 Resp: 4220

Ion	Ratio	Lower	Upper
43	100		
58	34.9	21.9	32.9#



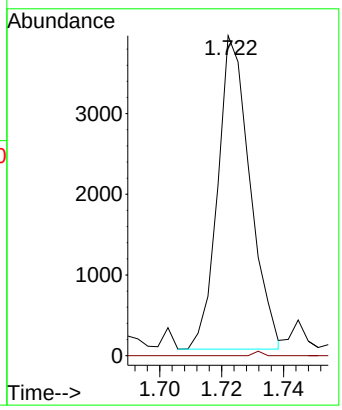


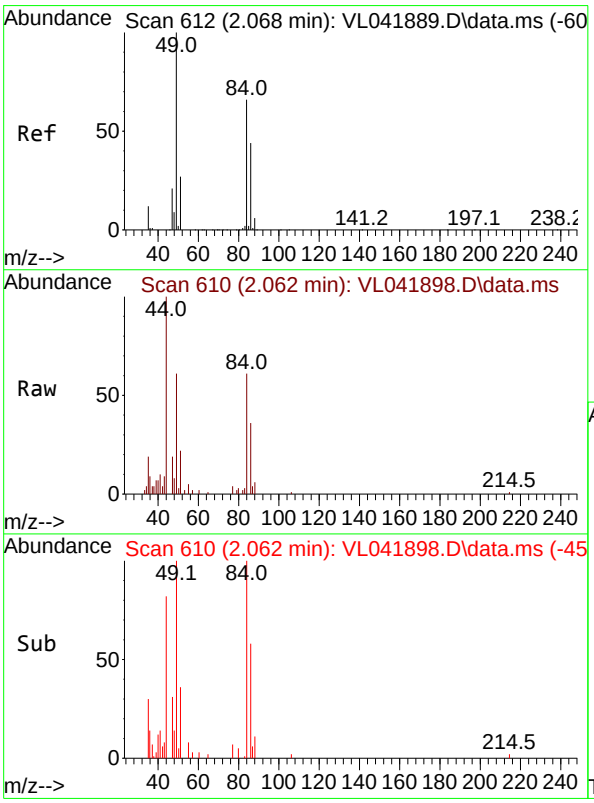
#19
Isopropyl Alcohol
Concen: 0.283 ppbv
RT: 1.722 min Scan# 5
Delta R.T. -0.168 min
Lab File: VL041898.D
Acq: 14 Jan 2025 19:05

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 2803

Ion	Ratio	Lower	Upper
45	100		
58	3.4	35.0	52.6#

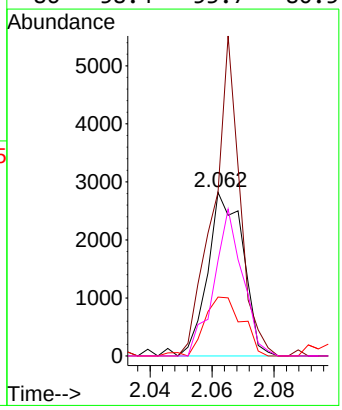


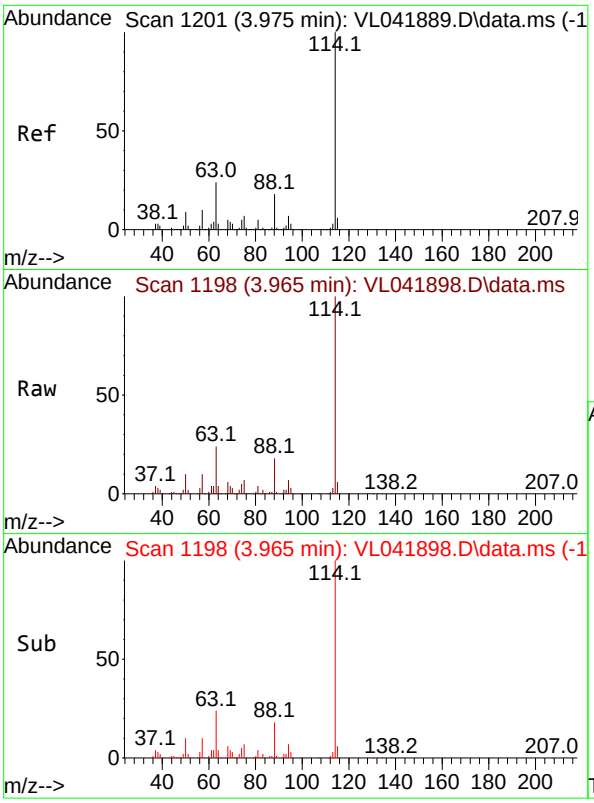


#20
Methylene Chloride
Concen: 0.337 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.006 min
Lab File: VL041898.D
Acq: 14 Jan 2025 19:05

Tgt Ion: 84 Resp: 2221

Ion	Ratio	Lower	Upper
84	100		
49	100.2	123.1	184.7#
51	36.0	35.8	53.8
86	58.4	53.7	80.5



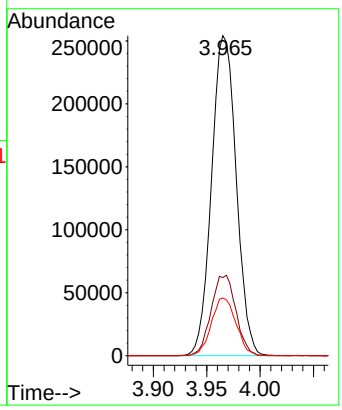


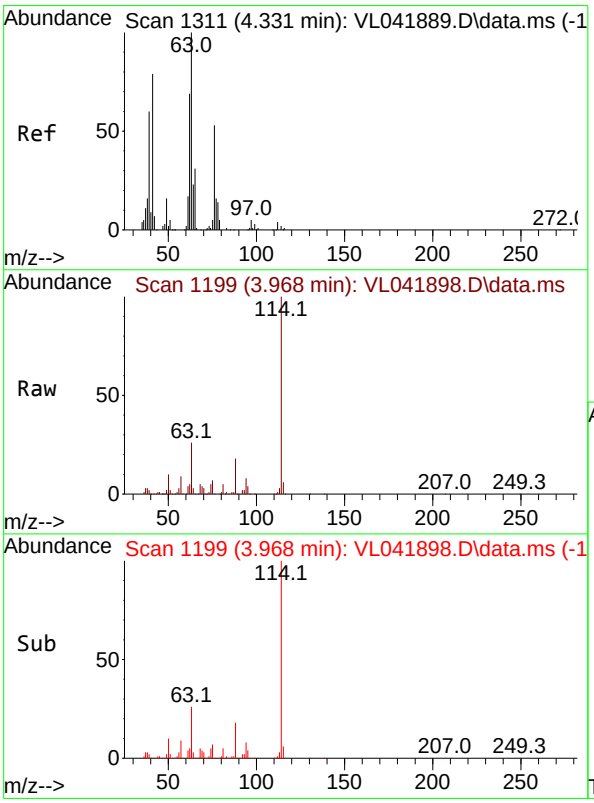
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL041898.D
Acq: 14 Jan 2025 19:05

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 407987

Ion	Ratio	Lower	Upper
114	100		
63	25.3	19.8	29.6
88	18.0	14.4	21.6

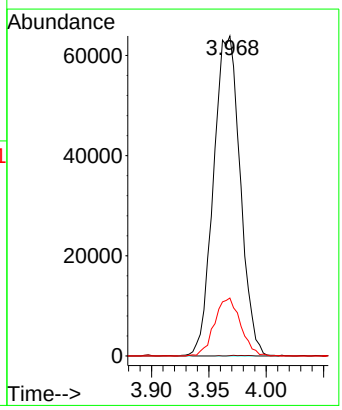


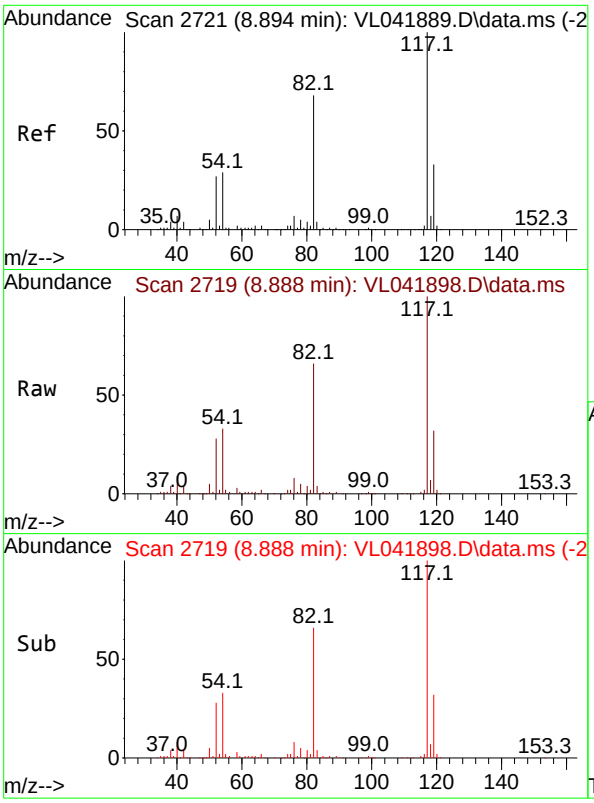


#39
1,2-Dichloropropane
Concen: 7.862 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. -0.363 min
Lab File: VL041898.D
Acq: 14 Jan 2025 19:05

Tgt Ion: 63 Resp: 103197

Ion	Ratio	Lower	Upper
63	100		
41	0.1	63.7	95.5#
62	18.1	55.4	83.2#



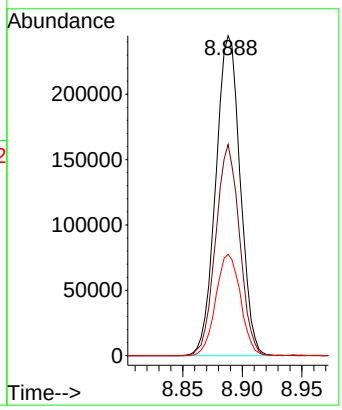


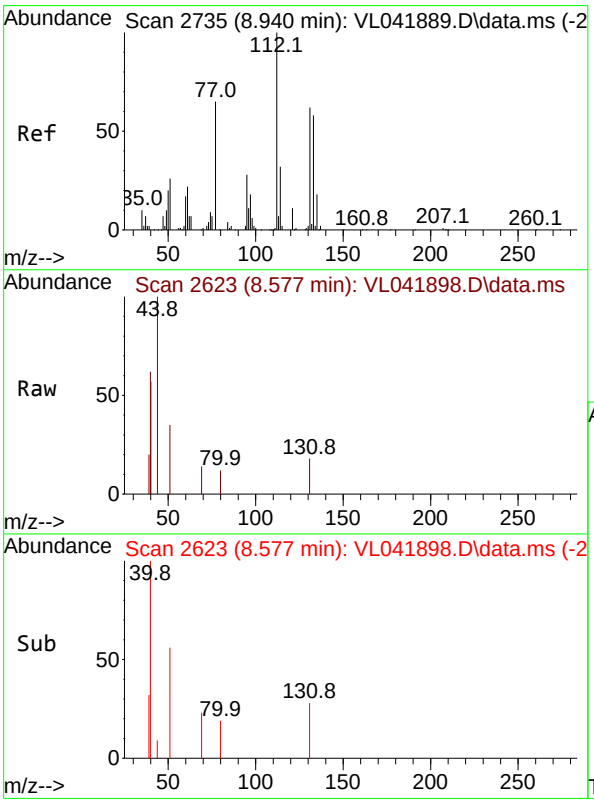
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2
Delta R.T. -0.006 min
Lab File: VL041898.D
Acq: 14 Jan 2025 19:05

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 348302

Ion	Ratio	Lower	Upper
117	100		
82	64.8	54.2	81.4
119	32.2	25.0	37.6

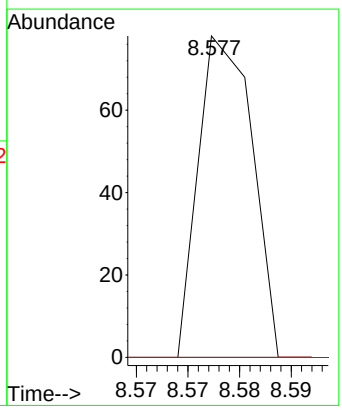


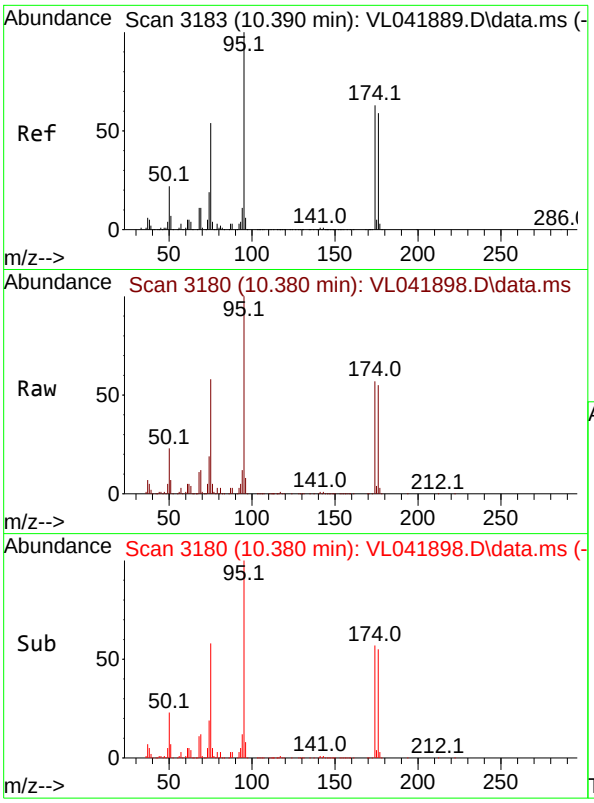


#56
1,1,1,2-Tetrachloroethane
Concen: 0.002 ppbv
RT: 8.577 min Scan# 2623
Delta R.T. -0.363 min
Lab File: VL041898.D
Acq: 14 Jan 2025 19:05

Tgt Ion:131 Resp: 28

Ion	Ratio	Lower	Upper
131	100		
133	0.0	76.0	114.0#
119	0.0	49.7	74.5#



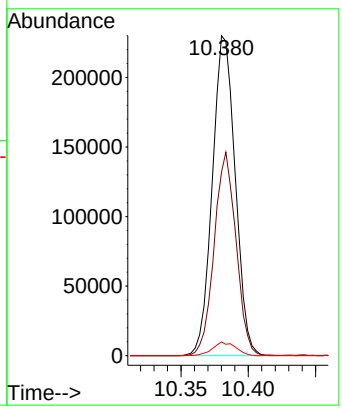


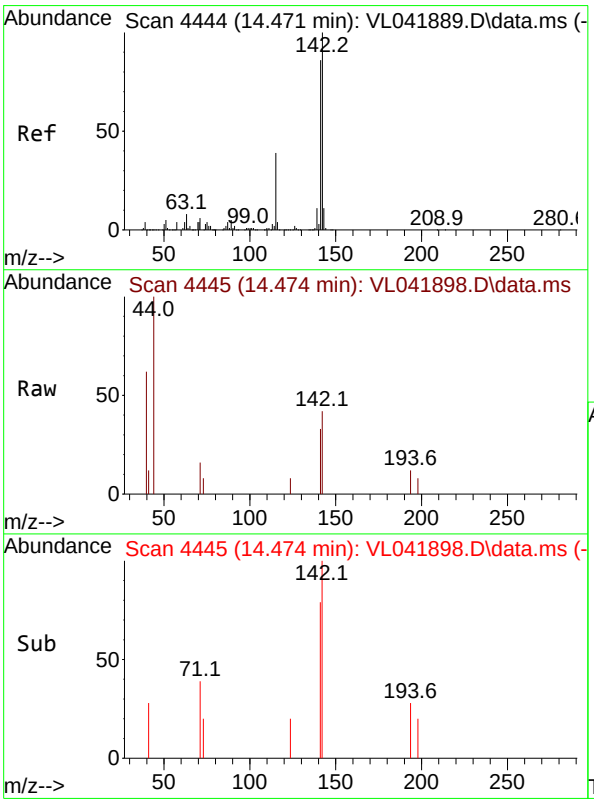
#68
1-Bromo-4-Fluorobenzene
Concen: 9.915 ppbv
RT: 10.380 min Scan# 3
Delta R.T. -0.010 min
Lab File: VL041898.D
Acq: 14 Jan 2025 19:05

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 272004

Ion	Ratio	Lower	Upper
95	100		
174	60.6	49.0	73.4
175	4.3	3.8	5.8





#80
Naphthalene,2-methyl-
Concen: 0.009 ppbv
RT: 14.474 min Scan# 4445
Delta R.T. 0.003 min
Lab File: VL041898.D
Acq: 14 Jan 2025 19:05

Tgt Ion:142 Resp: 212

Ion	Ratio	Lower	Upper
142	100		
141	40.6	68.1	102.1#
115	0.0	31.7	47.5#