Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
Data File : VL041919.D
Acq On : 20 Jan 2025 14:09
Operator : SY/MD
Sample : VL0120ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jan 21 03:03:25 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	2.784	49	137119	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.955	114	393995	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	341266	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	265828	9.890	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.900%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	1.476	51	757	0.039	ppbv	92
4) Chloromethane	1.531	50	396	0.056	ppbv	90
8) Dichlorotetrafluoroethane	1.499	85	508	0.031	ppbv #	19
9) Propene	1.483	41	657	0.082	ppbv	98
13) Ethanol	1.719	45	1690	2.863	ppbv #	31
15) Acetone	1.835	43	2977	0.181	ppbv #	84
19) Isopropyl Alcohol	1.887	45	1451	0.149	ppbv #	42
20) Methylene Chloride	2.059	84	1502	0.231	ppbv #	80
39) 1,2-Dichloropropane	3.955	63	96892	7.644	ppbv #	22

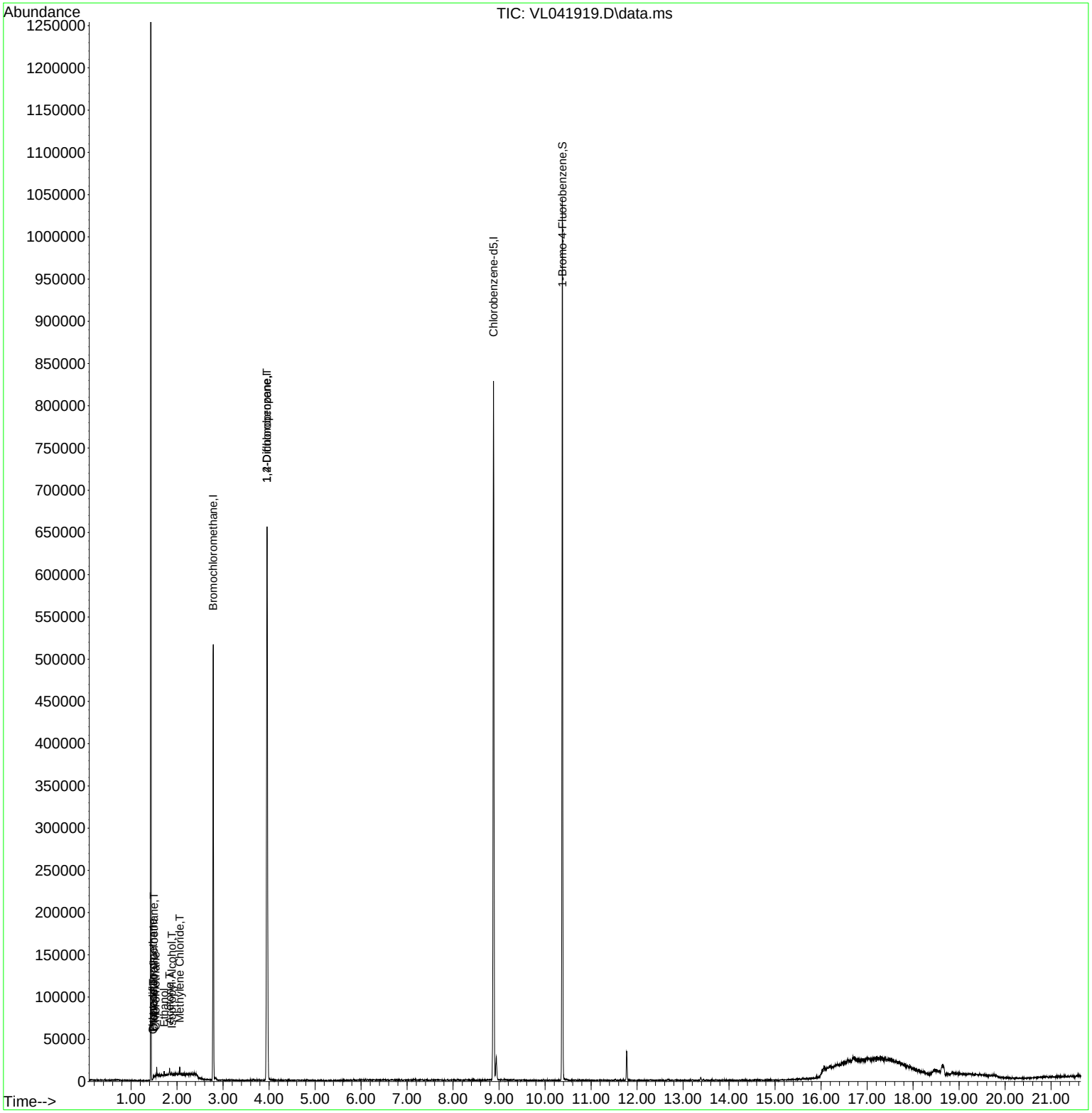
(#) = qualifier out of range (m) = manual integration (+) = signals summed

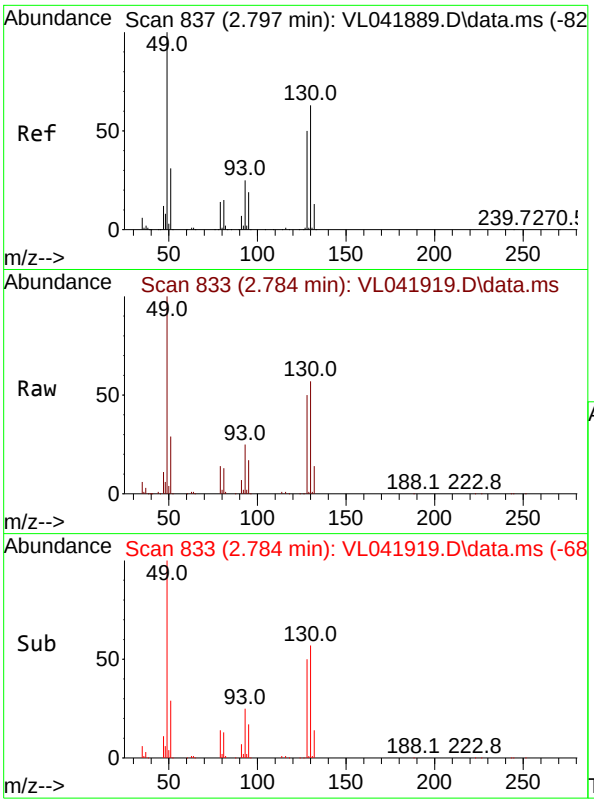
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
Data File : VL041919.D
Acq On : 20 Jan 2025 14:09
Operator : SY/MD
Sample : VL0120ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Jan 21 03:03:25 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



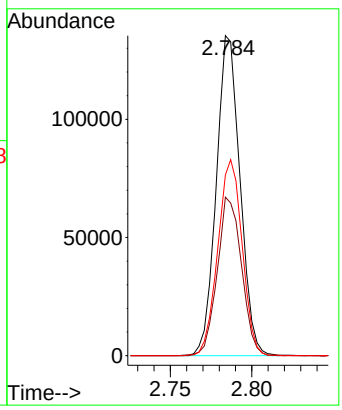


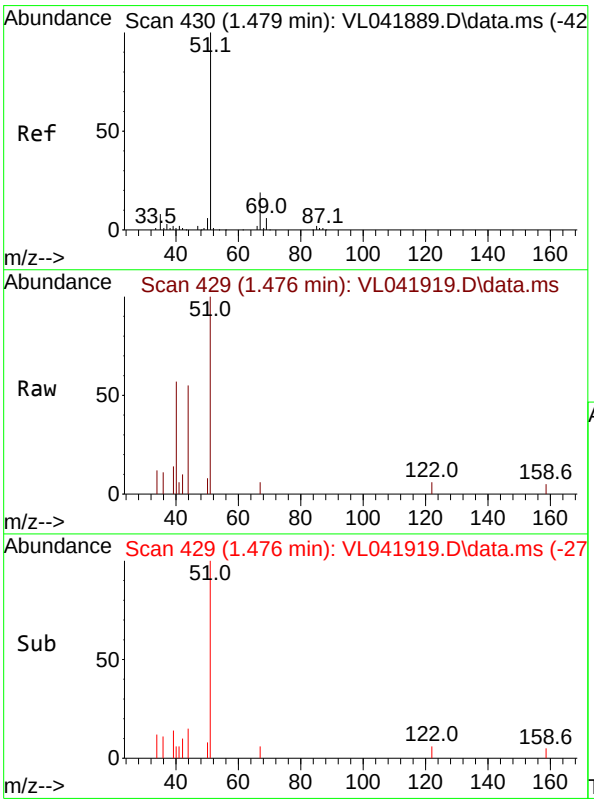
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 8
Delta R.T. -0.013 min
Lab File: VL041919.D
Acq: 20 Jan 2025 14:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 137119

Ion	Ratio	Lower	Upper
49	100		
128	50.5	24.3	73.0
130	62.6	31.1	93.2

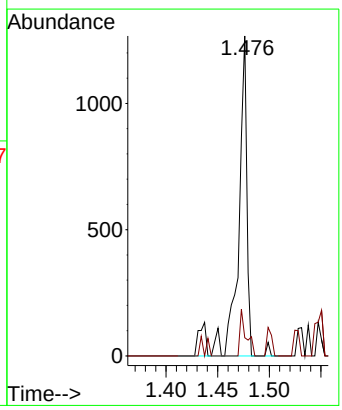


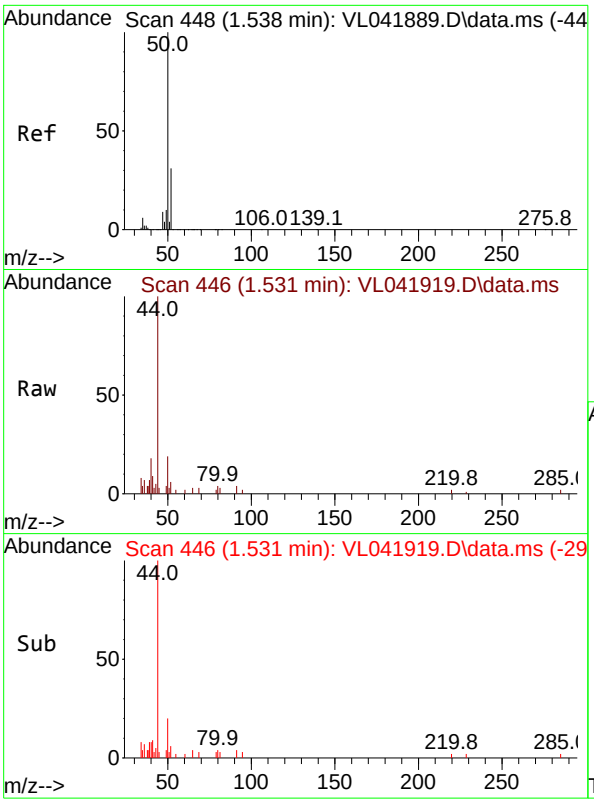


#3
Chlorodifluoromethane
Concen: 0.039 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.003 min
Lab File: VL041919.D
Acq: 20 Jan 2025 14:09

Tgt Ion: 51 Resp: 757

Ion	Ratio	Lower	Upper
51	100		
67	15.2	15.0	22.4



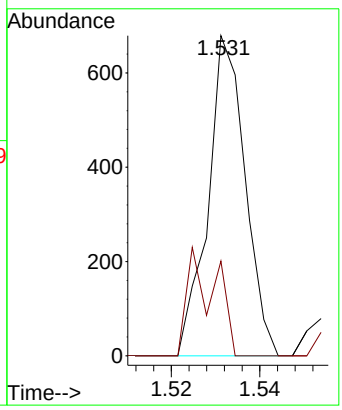


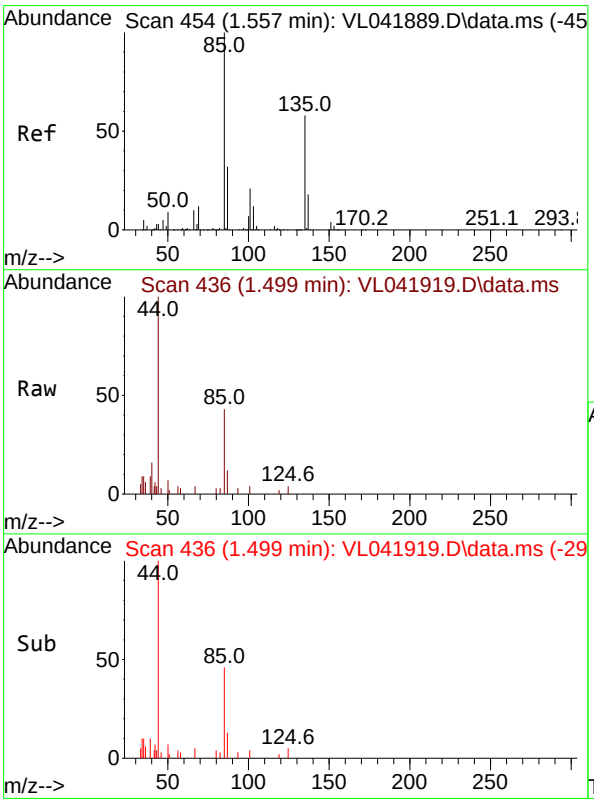
#4
Chloromethane
Concen: 0.056 ppbv
RT: 1.531 min Scan# 44
Delta R.T. -0.006 min
Lab File: VL041919.D
Acq: 20 Jan 2025 14:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 396

Ion	Ratio	Lower	Upper
50	100		
52	25.4	24.6	36.8

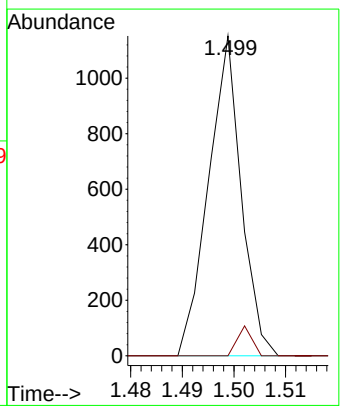


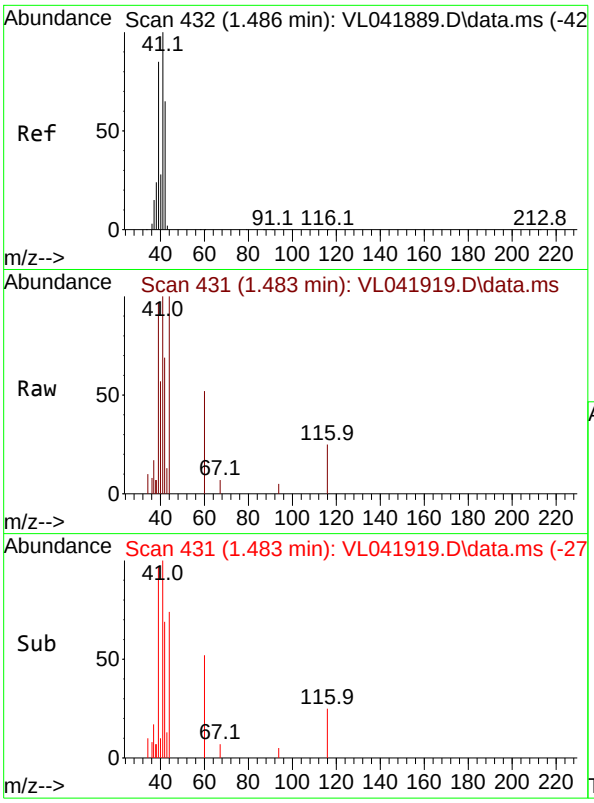


#8
Dichlorotetrafluoroethane
Concen: 0.031 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.058 min
Lab File: VL041919.D
Acq: 20 Jan 2025 14:09

Tgt Ion: 85 Resp: 508

Ion	Ratio	Lower	Upper
85	100		
135	0.0	50.0	75.0#



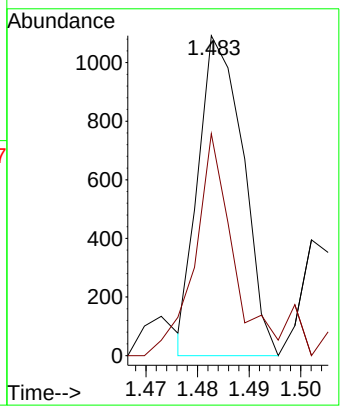


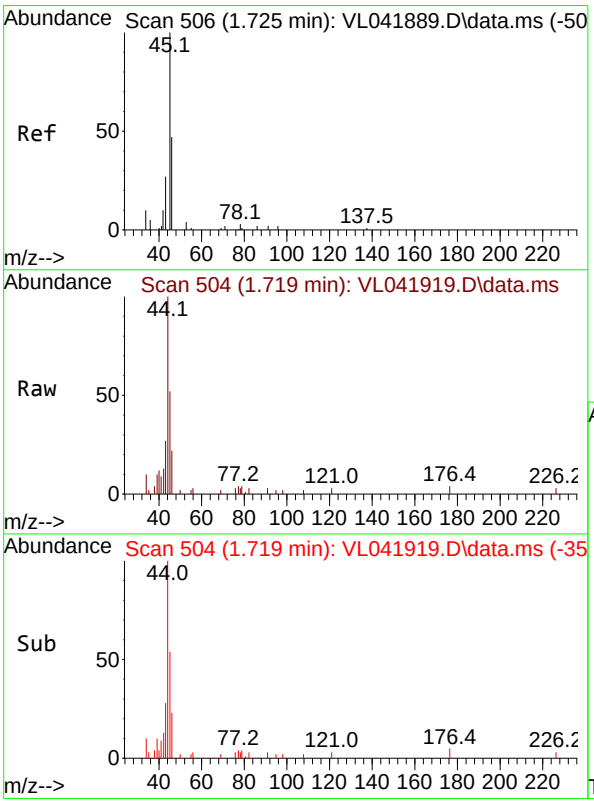
#9
Propene
Concen: 0.082 ppbv
RT: 1.483 min Scan# 4
Delta R.T. -0.003 min
Lab File: VL041919.D
Acq: 20 Jan 2025 14:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 657

Ion	Ratio	Lower	Upper
41	100		
42	66.5	52.0	78.0

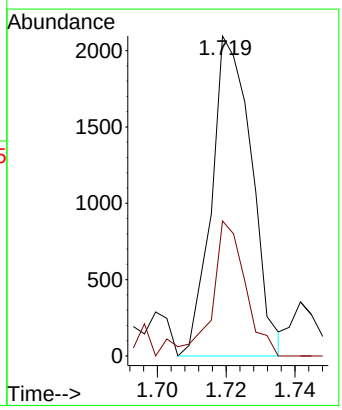


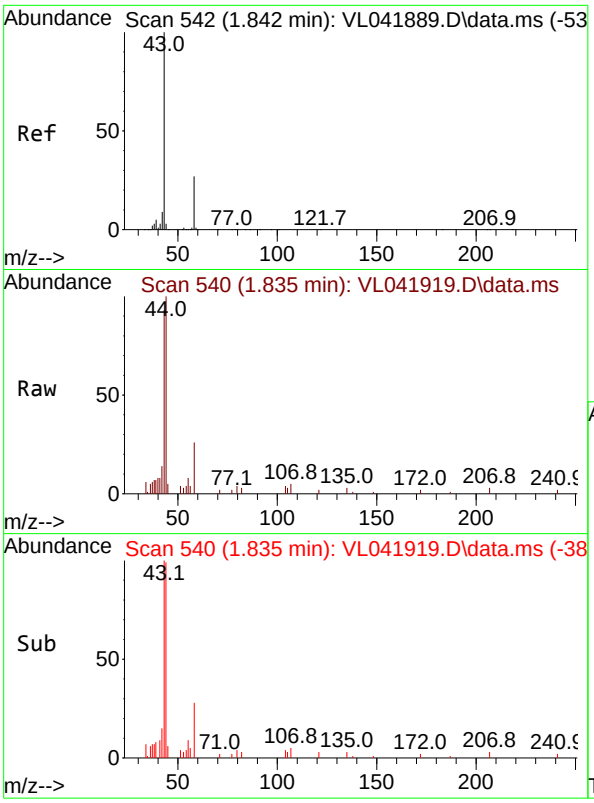


#13
Ethanol
Concen: 2.863 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.006 min
Lab File: VL041919.D
Acq: 20 Jan 2025 14:09

Tgt Ion: 45 Resp: 1690

Ion	Ratio	Lower	Upper
45	100		
46	0.0	18.1	72.5#



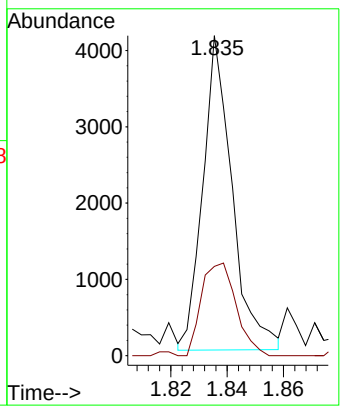


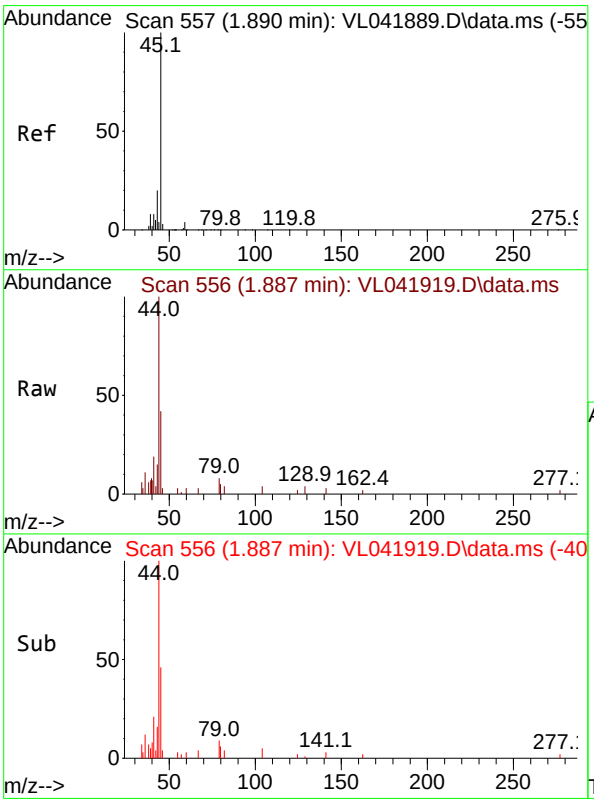
#15
Acetone
Concen: 0.181 ppbv
RT: 1.835 min Scan# 54
Delta R.T. -0.006 min
Lab File: VL041919.D
Acq: 20 Jan 2025 14:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2977

Ion	Ratio	Lower	Upper
43	100		
58	35.6	21.9	32.9#

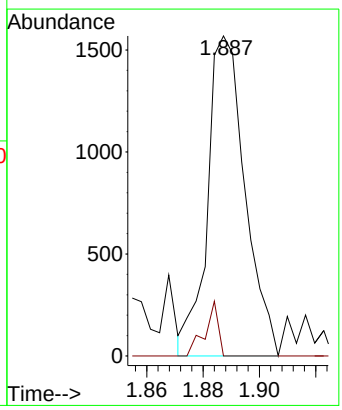


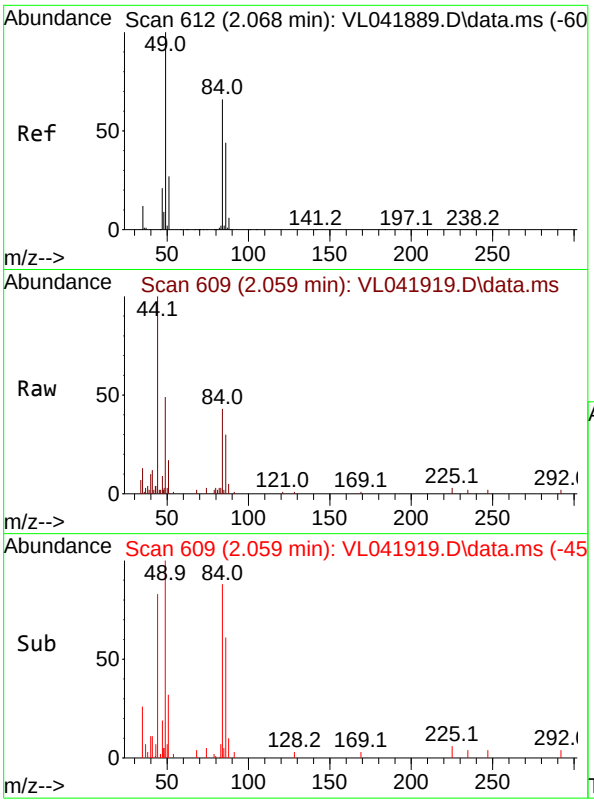


#19
Isopropyl Alcohol
Concen: 0.149 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.003 min
Lab File: VL041919.D
Acq: 20 Jan 2025 14:09

Tgt Ion: 45 Resp: 1451

Ion	Ratio	Lower	Upper
45	100		
58	6.1	35.0	52.6#



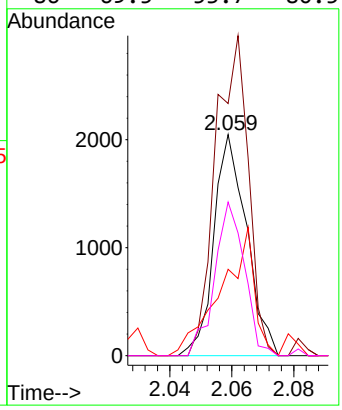


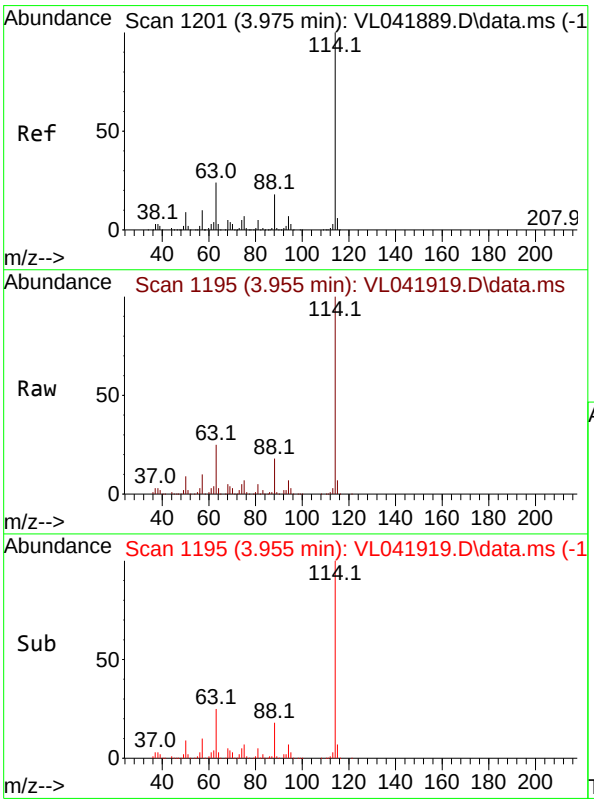
#20
Methylene Chloride
Concen: 0.231 ppbv
RT: 2.059 min Scan# 6
Delta R.T. -0.010 min
Lab File: VL041919.D
Acq: 20 Jan 2025 14:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 1502

Ion	Ratio	Lower	Upper
84	100		
49	114.0	123.1	184.7#
51	39.1	35.8	53.8
86	69.5	53.7	80.5

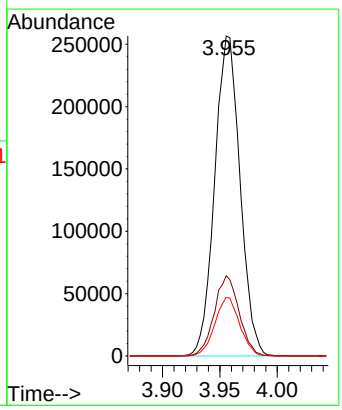


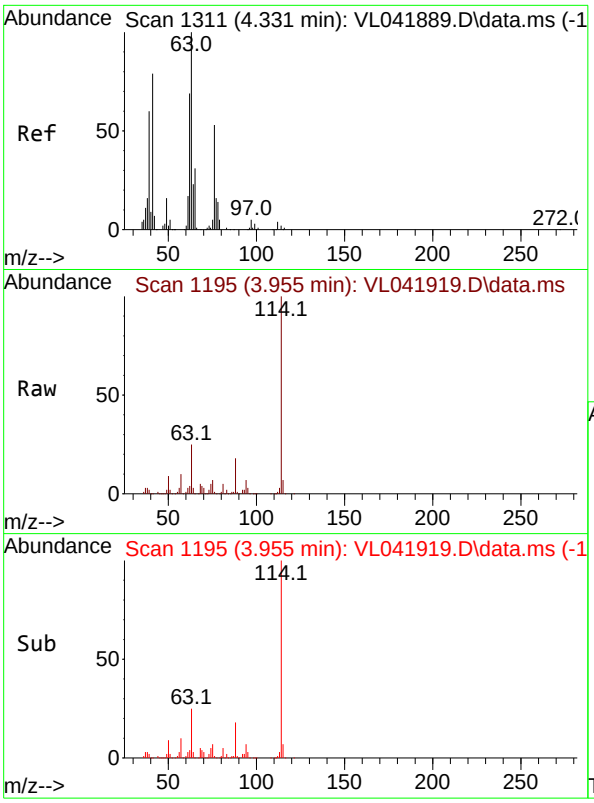


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. -0.019 min
Lab File: VL041919.D
Acq: 20 Jan 2025 14:09

Tgt Ion:114 Resp: 393995

Ion	Ratio	Lower	Upper
114	100		
63	24.6	19.8	29.6
88	17.9	14.4	21.6



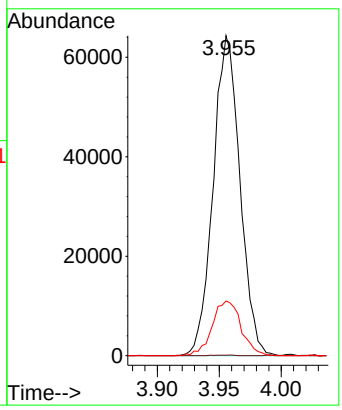


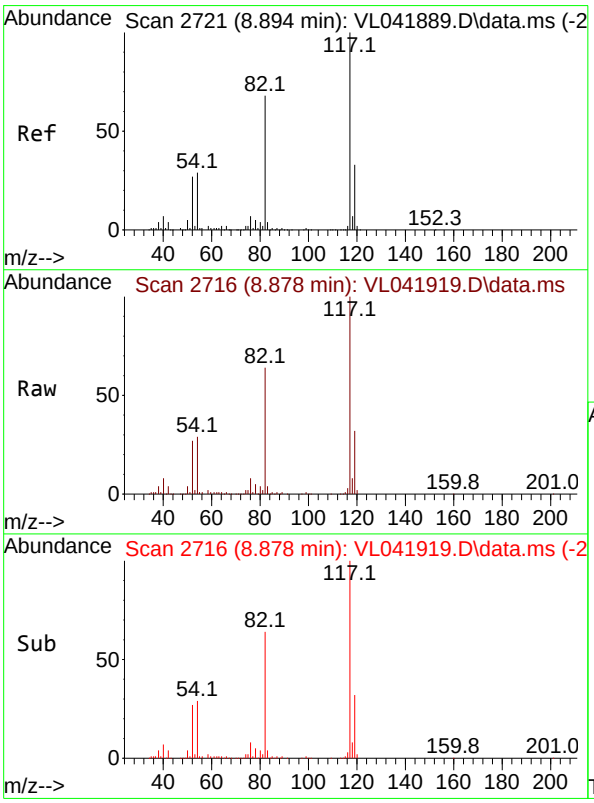
#39
1,2-Dichloropropane
Concen: 7.644 ppbv
RT: 3.955 min Scan# 1
Delta R.T. -0.375 min
Lab File: VL041919.D
Acq: 20 Jan 2025 14:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 96892

Ion	Ratio	Lower	Upper
63	100		
41	0.1	63.7	95.5#
62	17.1	55.4	83.2#

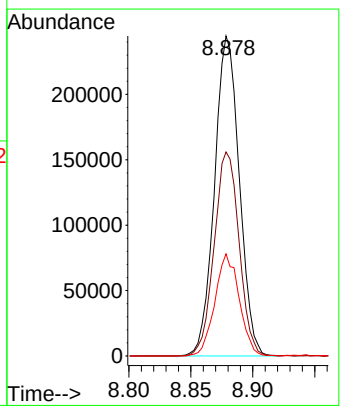


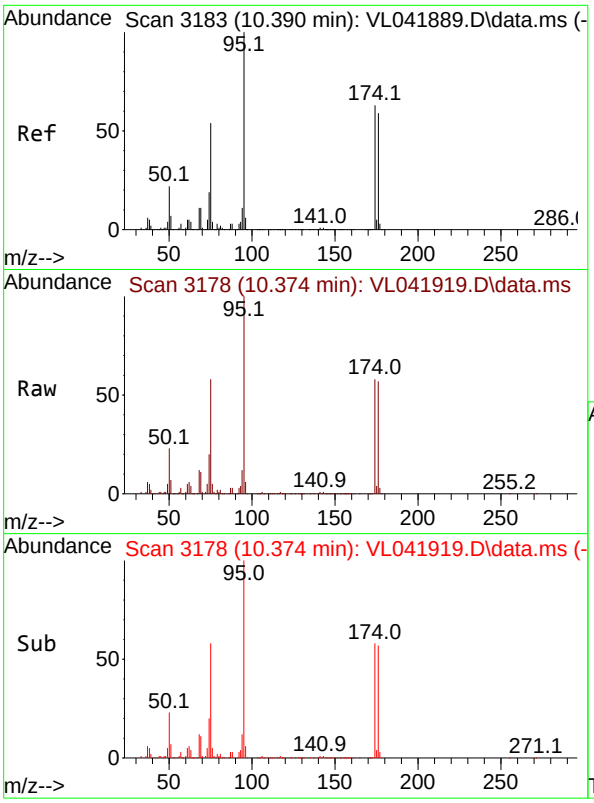


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2716
Delta R.T. -0.016 min
Lab File: VL041919.D
Acq: 20 Jan 2025 14:09

Tgt Ion:117 Resp: 341266

Ion	Ratio	Lower	Upper
117	100		
82	64.2	54.2	81.4
119	31.6	25.0	37.6





#68
1-Bromo-4-Fluorobenzene
Concen: 9.890 ppbv
RT: 10.374 min Scan# 3
Delta R.T. -0.016 min
Lab File: VL041919.D
Acq: 20 Jan 2025 14:09

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 265828

Ion	Ratio	Lower	Upper
95	100		
174	58.9	49.0	73.4
175	4.1	3.8	5.8