Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
Data File : VL041966.D
Acq On : 03 Feb 2025 16:02
Operator : SY/MD
Sample : QC012825 CAN 10439
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Feb 04 02:38:09 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	2.793	49	146182	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	402503	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	341049	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	256800	9.560	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.600%			
Target Compounds						Qvalue
9) Propene	1.486	41	511	0.059	ppbv	97
13) Ethanol	1.716	45	49	0.078	ppbv #	31
15) Acetone	1.842	43	1852	0.105	ppbv #	77
16) 1,3-Butadiene	1.615	39	264	0.034	ppbv #	24
19) Isopropyl Alcohol	1.890	45	1096	0.105	ppbv #	32
20) Methylene Chloride	2.065	84	872	0.126	ppbv #	66
23) Vinyl Acetate	2.463	43	303	0.035	ppbv #	67
30) Cyclohexane	3.962	84	1138	0.070	ppbv #	3
39) 1,2-Dichloropropane	3.971	63	99777	7.705	ppbv #	22

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

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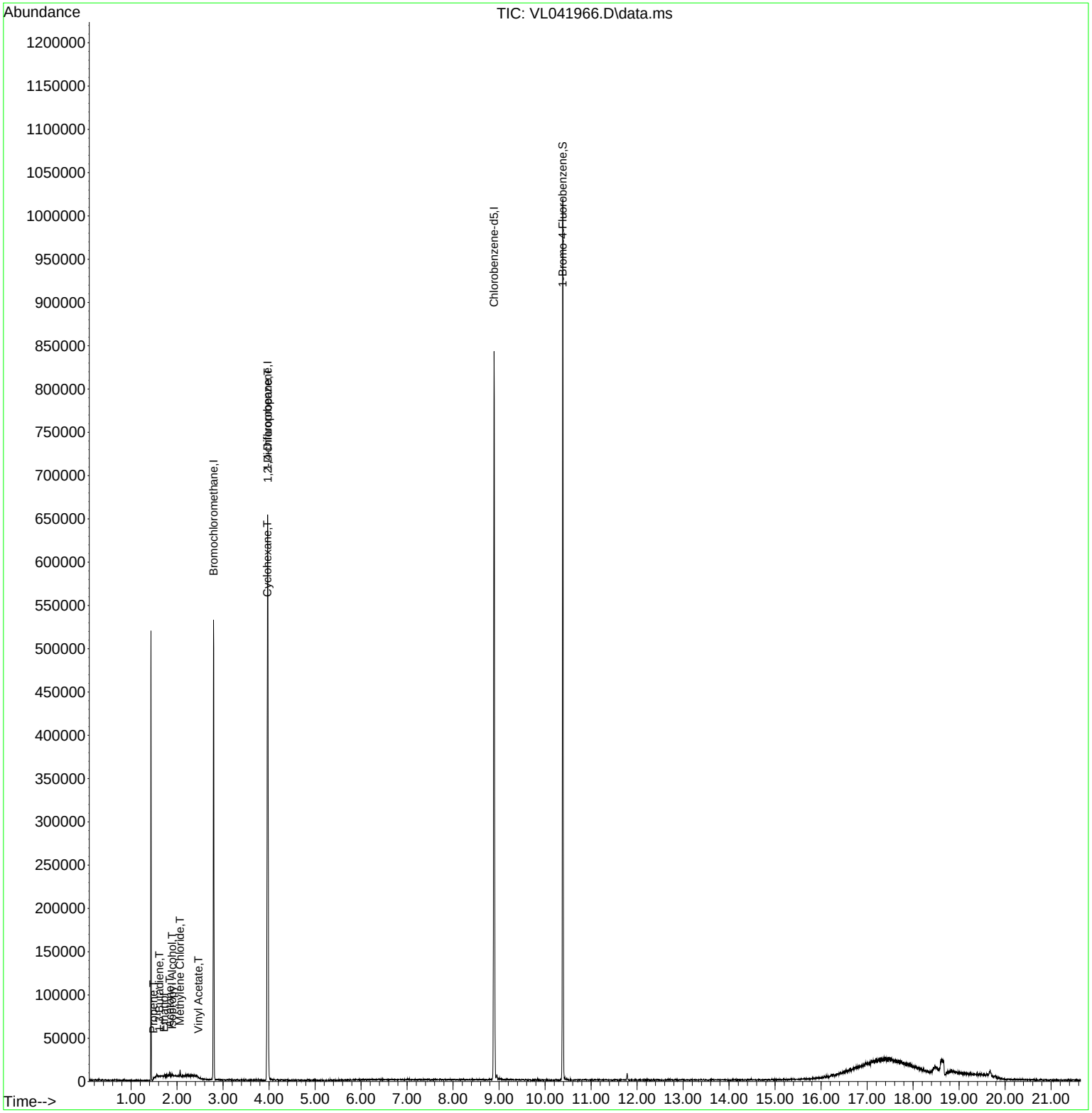
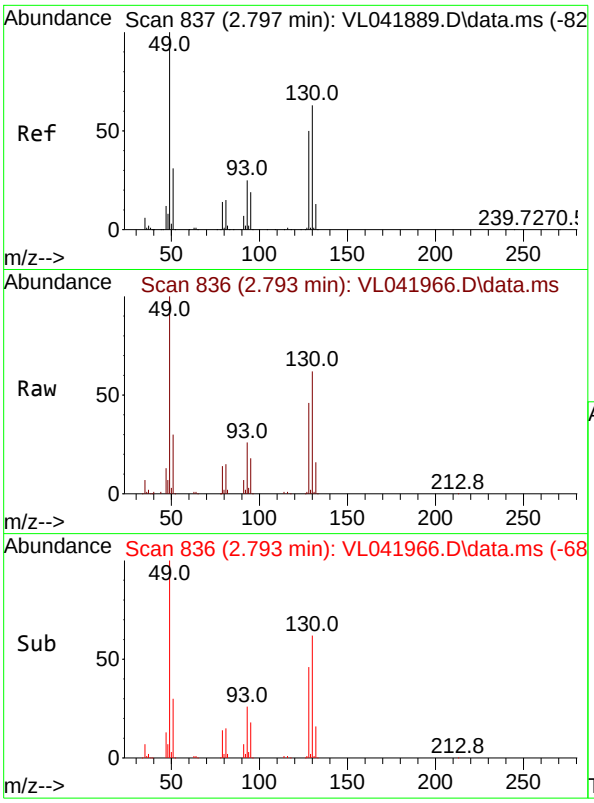


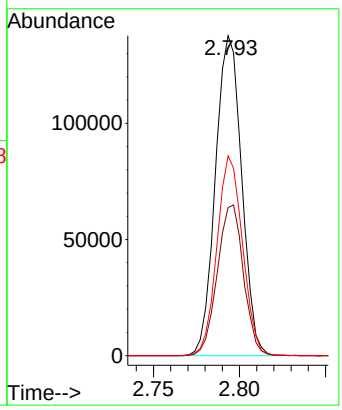


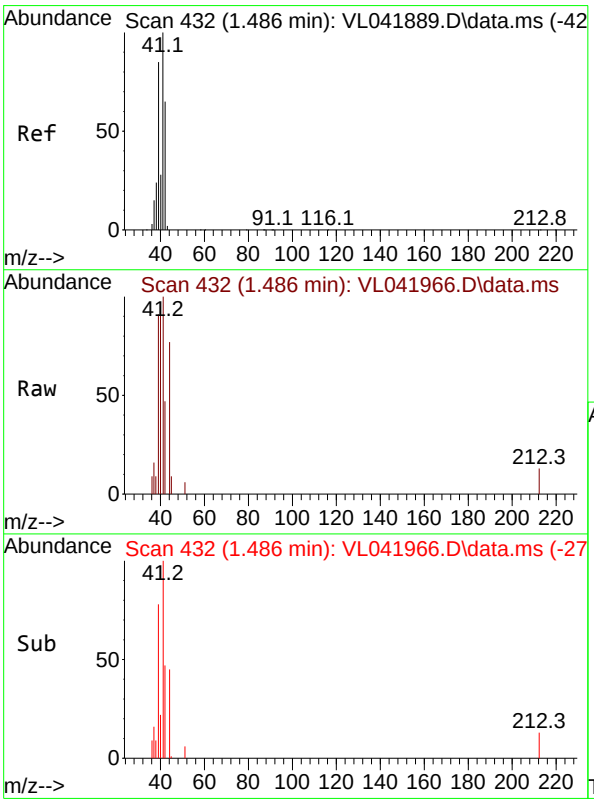
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 8
Delta R.T. -0.004 min
Lab File: VL041966.D
Acq: 03 Feb 2025 16:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 146182

Ion	Ratio	Lower	Upper
49	100		
128	46.9	24.3	73.0
130	60.8	31.1	93.2

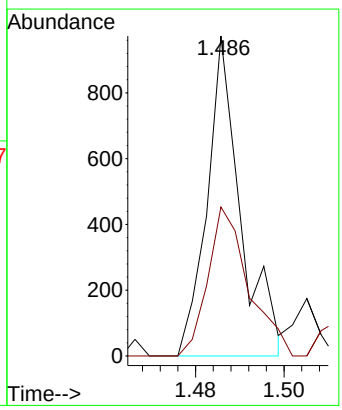


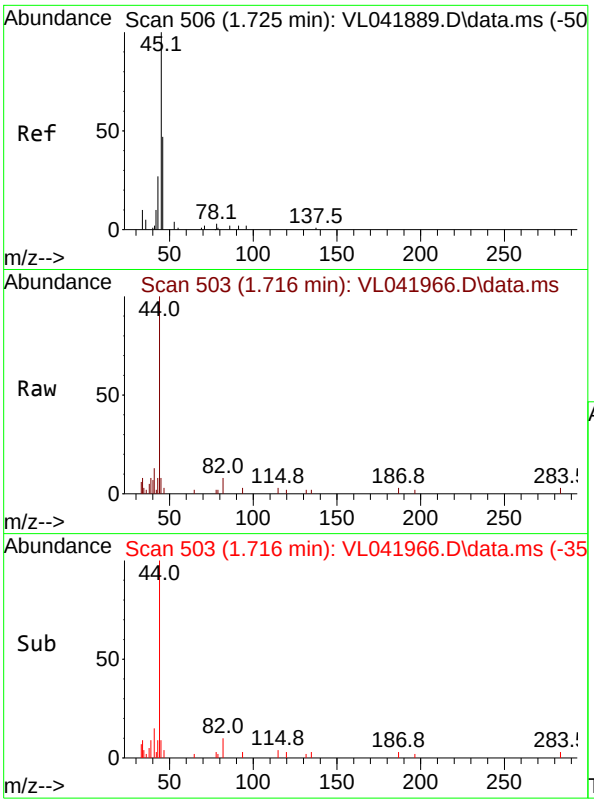


#9
Propene
Concen: 0.059 ppbv
RT: 1.486 min Scan# 432
Delta R.T. -0.000 min
Lab File: VL041966.D
Acq: 03 Feb 2025 16:02

Tgt Ion: 41 Resp: 511

Ion	Ratio	Lower	Upper
41	100		
42	63.0	52.0	78.0



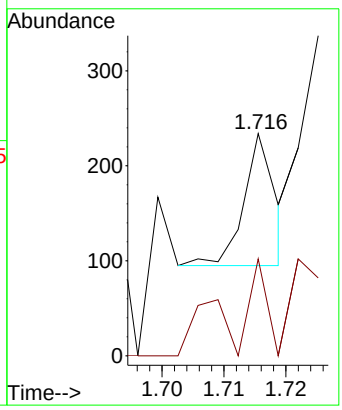


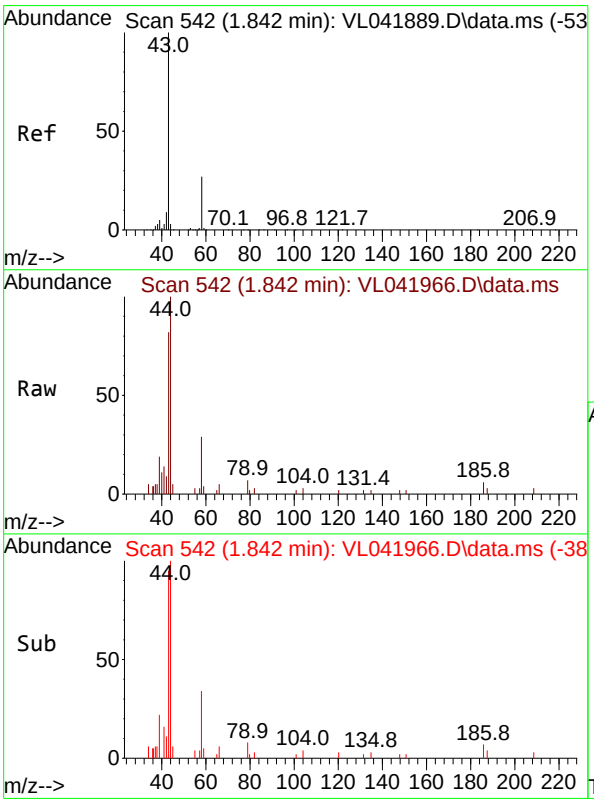
#13
Ethanol
Concen: 0.078 ppbv
RT: 1.716 min Scan# 5
Delta R.T. -0.010 min
Lab File: VL041966.D
Acq: 03 Feb 2025 16:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 49

Ion	Ratio	Lower	Upper
45	100		
46	0.0	18.1	72.5#

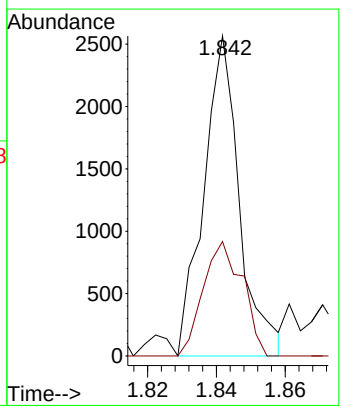


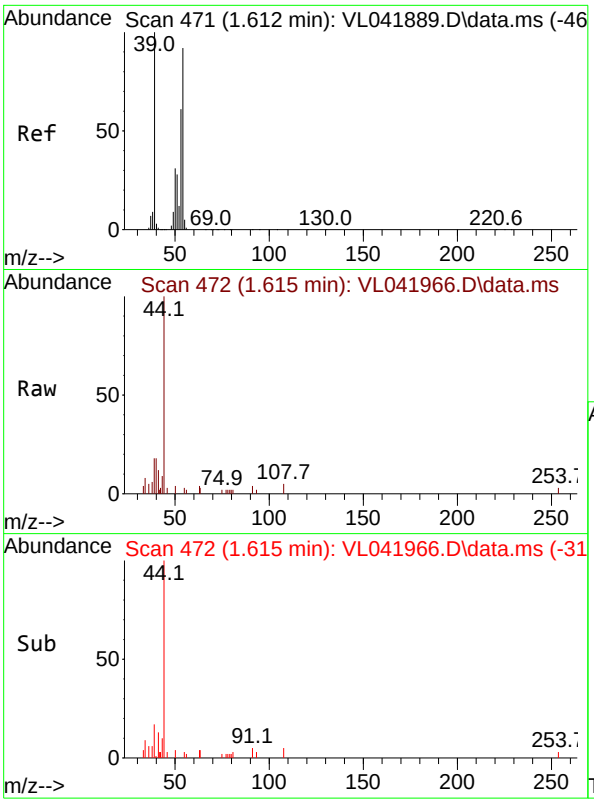


#15
Acetone
Concen: 0.105 ppbv
RT: 1.842 min Scan# 542
Delta R.T. -0.000 min
Lab File: VL041966.D
Acq: 03 Feb 2025 16:02

Tgt Ion: 43 Resp: 1852

Ion	Ratio	Lower	Upper
43	100		
58	39.3	21.9	32.9#



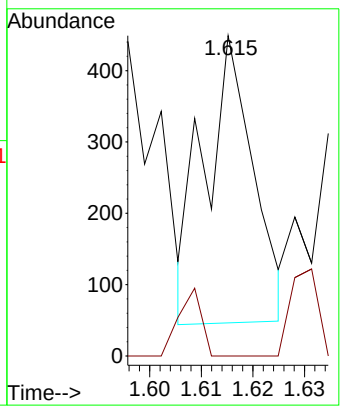


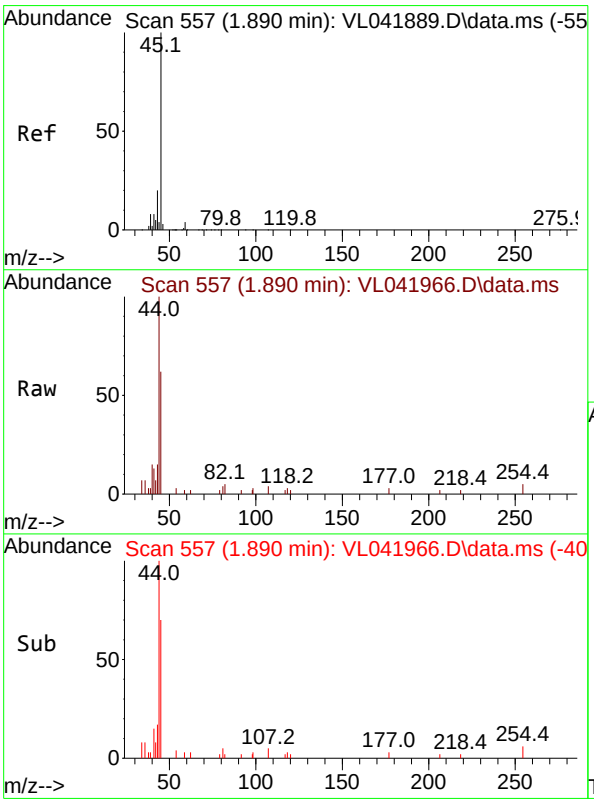
#16
1,3-Butadiene
Concen: 0.034 ppbv
RT: 1.615 min Scan# 4
Delta R.T. 0.003 min
Lab File: VL041966.D
Acq: 03 Feb 2025 16:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 264

Ion	Ratio	Lower	Upper
39	100		
54	11.0	61.6	92.4#

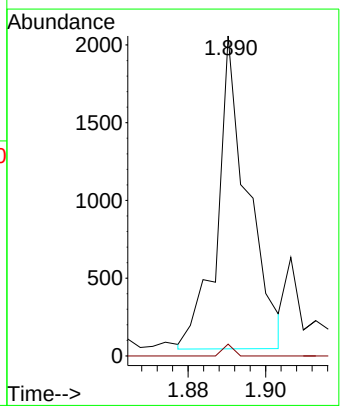


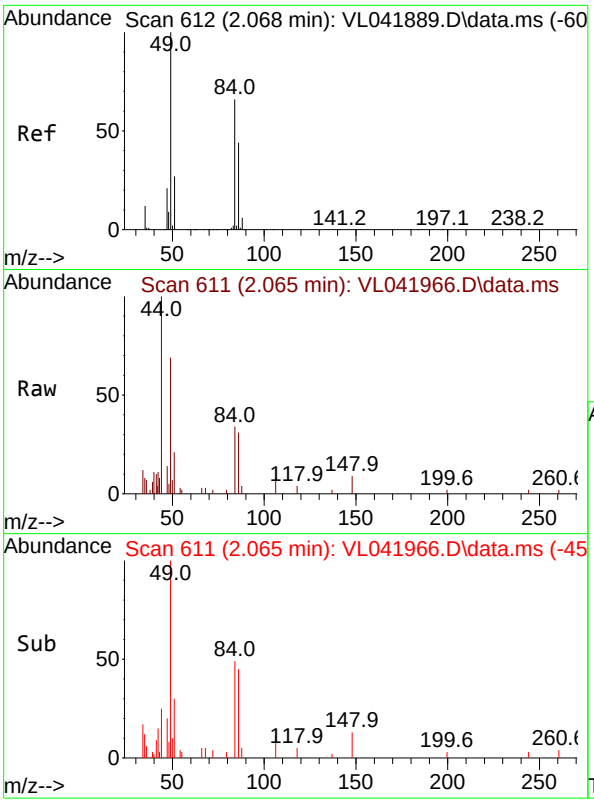


#19
Isopropyl Alcohol
Concen: 0.105 ppbv
RT: 1.890 min Scan# 557
Delta R.T. -0.000 min
Lab File: VL041966.D
Acq: 03 Feb 2025 16:02

Tgt Ion: 45 Resp: 1096

Ion	Ratio	Lower	Upper
45	100		
58	0.0	35.0	52.6#



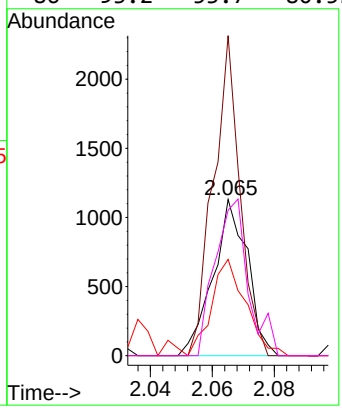


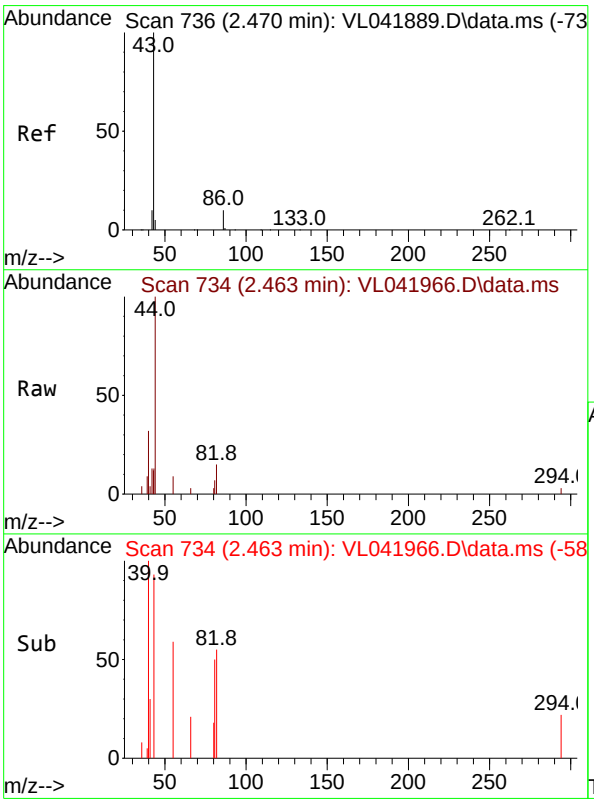
#20
Methylene Chloride
Concen: 0.126 ppbv
RT: 2.065 min Scan# 6
Delta R.T. -0.003 min
Lab File: VL041966.D
Acq: 03 Feb 2025 16:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 872

Ion	Ratio	Lower	Upper
84	100		
49	204.9	123.1	184.7#
51	56.9	35.8	53.8#
86	93.2	53.7	80.5#

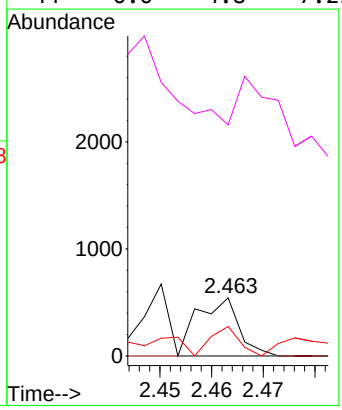


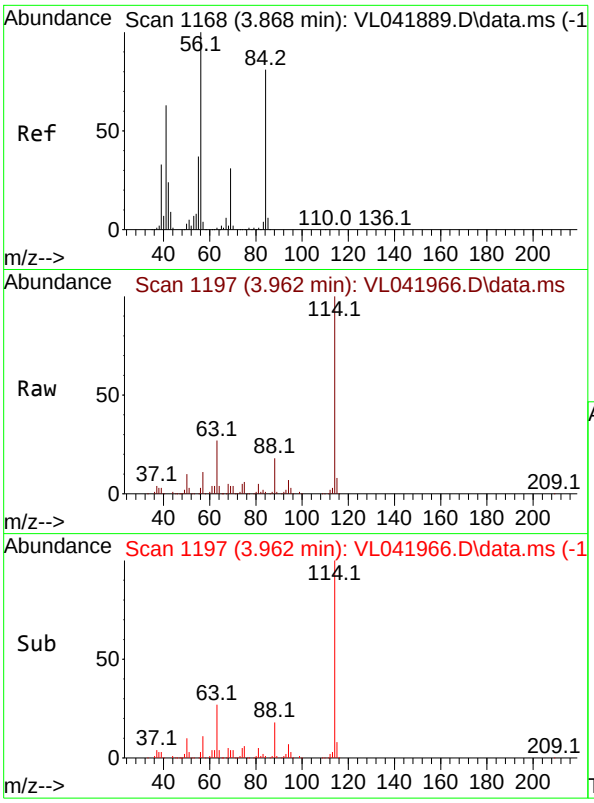


#23
Vinyl Acetate
Concen: 0.035 ppbv
RT: 2.463 min Scan# 734
Delta R.T. -0.007 min
Lab File: VL041966.D
Acq: 03 Feb 2025 16:02

Tgt Ion: 43 Resp: 303

Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.2	9.4#
42	29.1	8.5	12.7#
44	0.0	4.8	7.2#



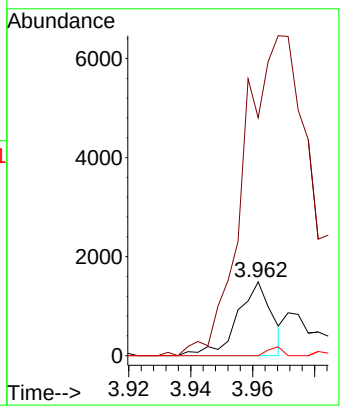


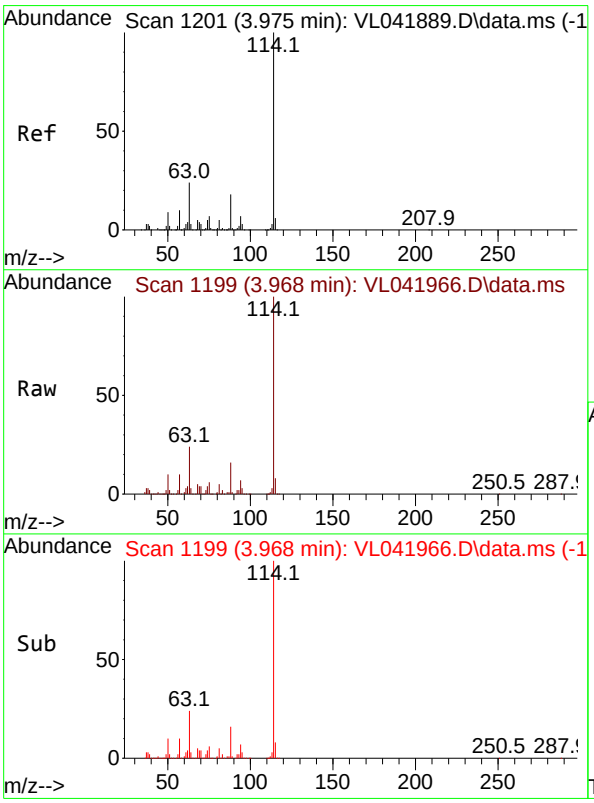
#30
Cyclohexane
Concen: 0.070 ppbv
RT: 3.962 min Scan# 11
Delta R.T. 0.094 min
Lab File: VL041966.D
Acq: 03 Feb 2025 16:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 1138

Ion	Ratio	Lower	Upper
84	100		
56	0.0	99.3	148.9#
41	11.1	64.3	96.5#

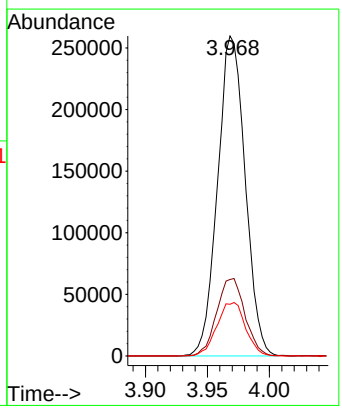


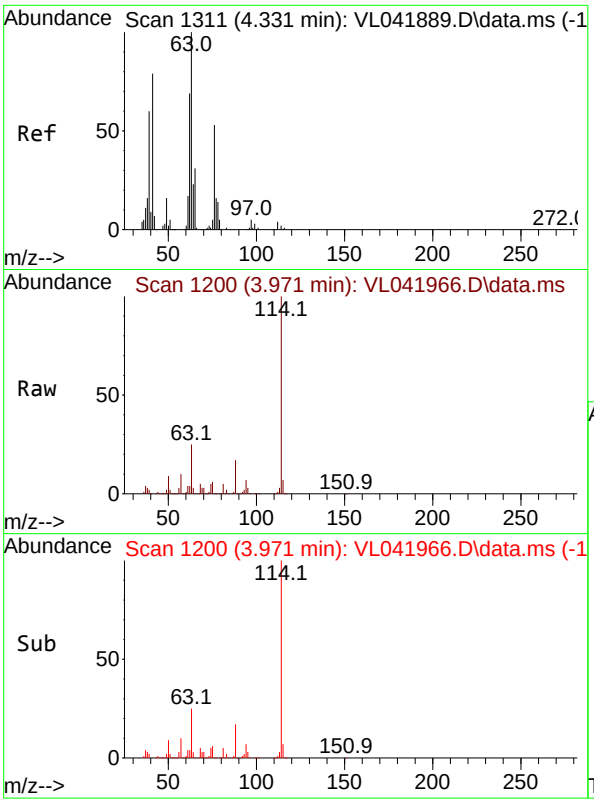


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. -0.007 min
Lab File: VL041966.D
Acq: 03 Feb 2025 16:02

Tgt Ion:114 Resp: 402503

Ion	Ratio	Lower	Upper
114	100		
63	24.8	19.8	29.6
88	17.4	14.4	21.6



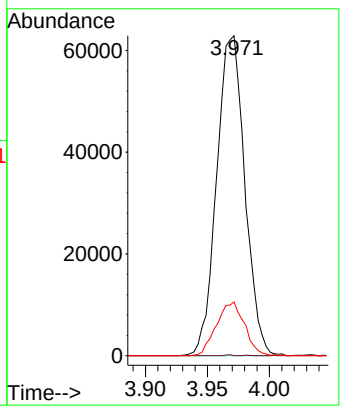


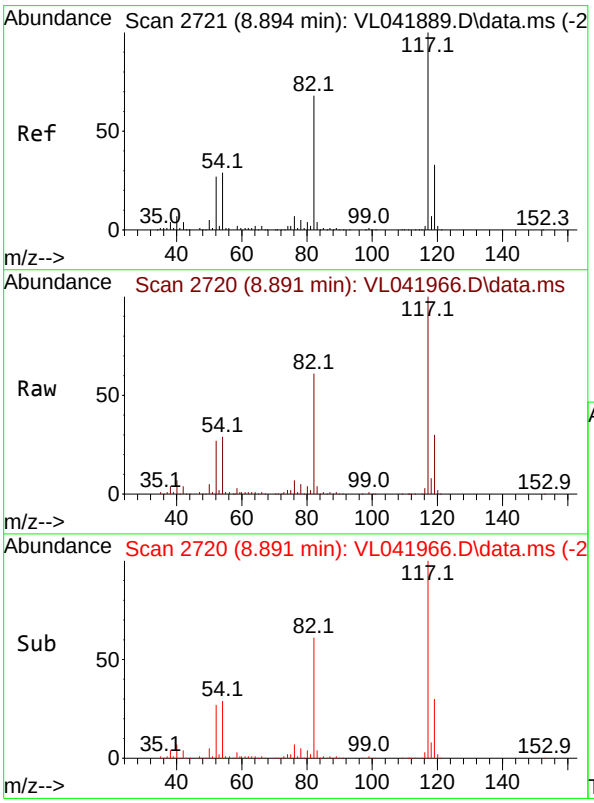
#39
1,2-Dichloropropane
Concen: 7.705 ppbv
RT: 3.971 min Scan# 1
Delta R.T. -0.359 min
Lab File: VL041966.D
Acq: 03 Feb 2025 16:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 99777

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.7	95.5#
62	16.7	55.4	83.2#

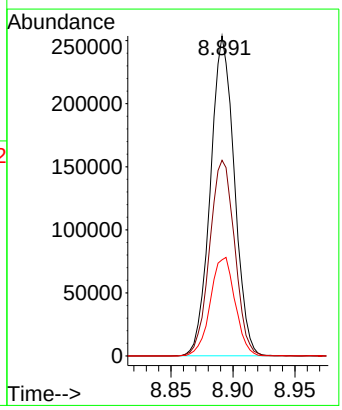


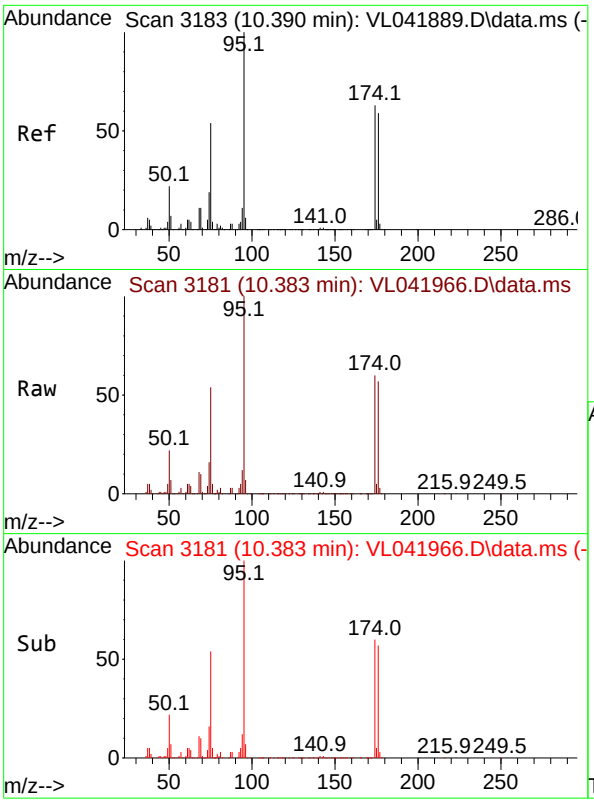


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2720
Delta R.T. -0.003 min
Lab File: VL041966.D
Acq: 03 Feb 2025 16:02

Tgt Ion:117 Resp: 341049

Ion	Ratio	Lower	Upper
117	100		
82	64.1	54.2	81.4
119	32.0	25.0	37.6





#68
1-Bromo-4-Fluorobenzene
Concen: 9.560 ppbv
RT: 10.383 min Scan# 3
Delta R.T. -0.007 min
Lab File: VL041966.D
Acq: 03 Feb 2025 16:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 256800

Ion	Ratio	Lower	Upper
95	100		
174	61.0	49.0	73.4
175	4.7	3.8	5.8