Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020924\
Data File : VL041057.D
Acq On : 9 Feb 2024 14:25
Operator : SY/MD
Sample : P1420-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Feb 12 00:46:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Feb 12 00:40:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.185	49	1271458	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.645	114	3460679	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.458	117	3104568	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.767	95	2302669	9.820	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.722	85	11586	0.041	ppbv		94
3) Chlorodifluoromethane	2.665	51	11717	0.055	ppbv		94
4) Chloromethane	2.806	50	6984	0.087	ppbv	#	86
9) Propene	2.700	41	47093	0.671	ppbv	#	63
13) Ethanol	3.230	45	1015207	60.727	ppbv		94
15) Acetone	3.465	43	232934	1.433	ppbv		100
16) 1,3-Butadiene	2.964	39	1639	0.021	ppbv	#	77
19) Isopropyl Alcohol	3.574	45	381769	4.056	ppbv		99
20) Methylene Chloride	3.928	84	355765	5.686	ppbv		93
25) Ethyl Acetate	5.205	43	249165	0.845	ppbv	#	77
26) Hexane	5.208	57	352242	2.803	ppbv	#	39
29) Chloroform	5.269	83	10132	0.045	ppbv		94
34) 2-Butanone	4.787	43	3578	0.022	ppbv	#	1
36) Benzene	6.369	78	9365	0.033	ppbv	#	88
39) 1,2-Dichloropropane	6.645	63	820268	7.285	ppbv	#	24

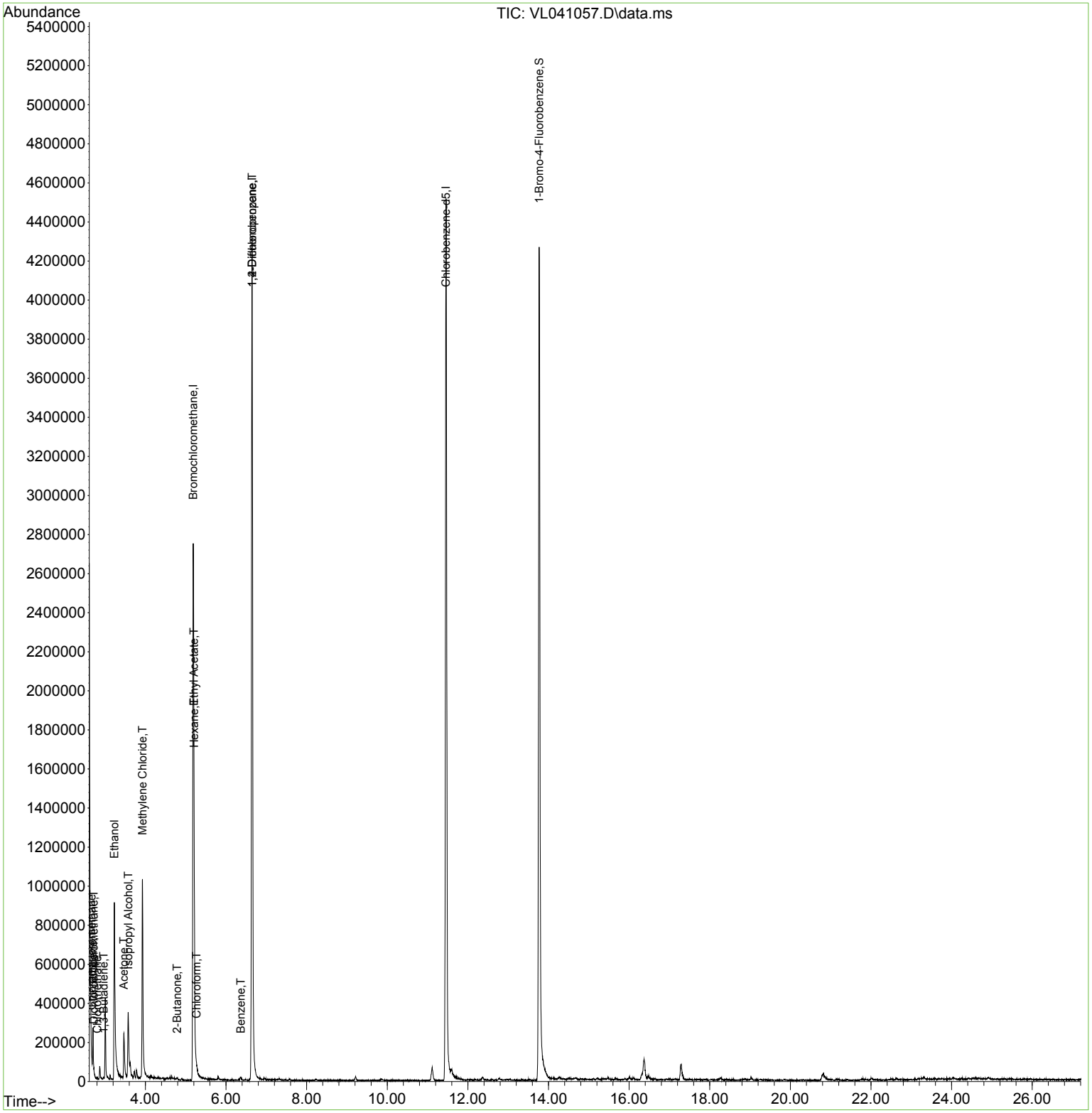
(#) = qualifier out of range (m) = manual integration (+) = signals summed

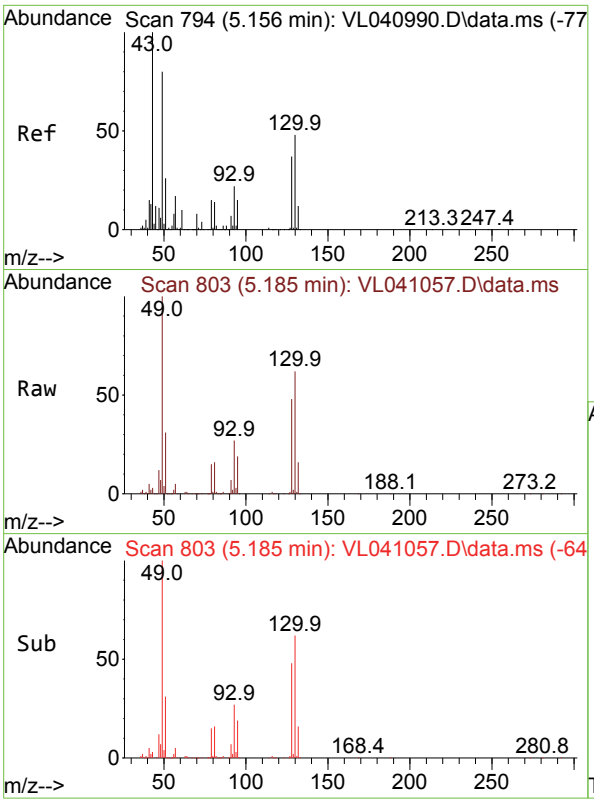
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020924\
Data File : VL041057.D
Acq On : 9 Feb 2024 14:25
Operator : SY/MD
Sample : P1420-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Feb 12 00:46:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Feb 12 00:40:04 2024
Response via : Initial Calibration



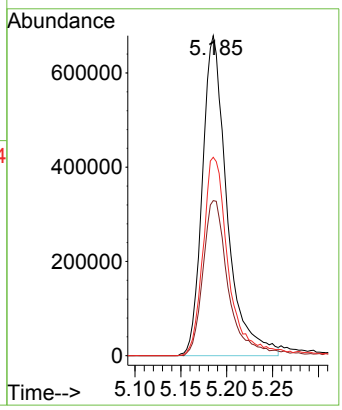


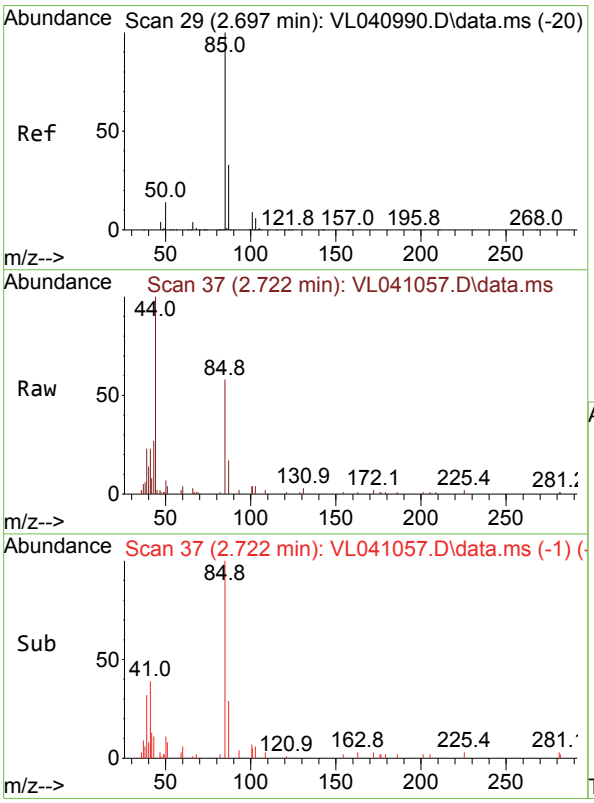
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 8
Delta R.T. 0.009 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1271458

Ion	Ratio	Lower	Upper
49	100		
128	50.8	23.9	71.7
130	65.7	31.1	93.5

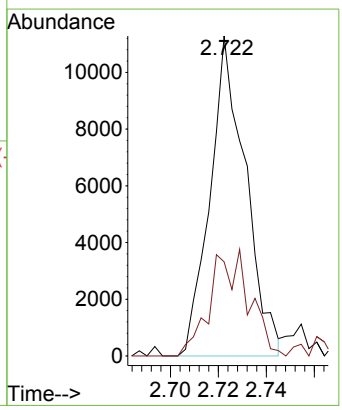


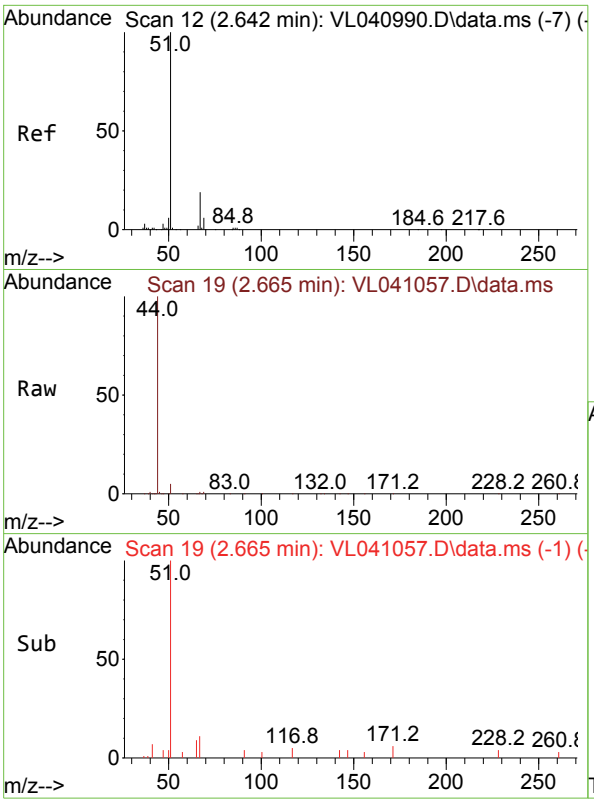


#2
Dichlorodifluoromethane
Concen: 0.041 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.006 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Tgt Ion: 85 Resp: 11586

Ion	Ratio	Lower	Upper
85	100		
87	29.4	26.3	39.5



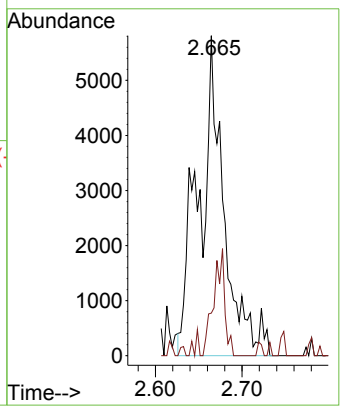


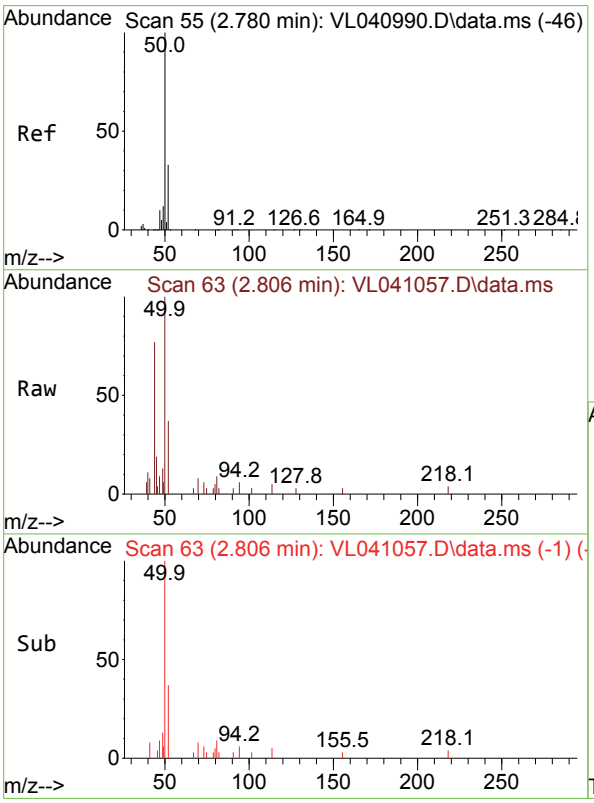
#3
Chlorodifluoromethane
Concen: 0.055 ppbv
RT: 2.665 min Scan# 1
Delta R.T. 0.003 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 11717

Ion	Ratio	Lower	Upper
51	100		
67	15.6	14.8	22.2

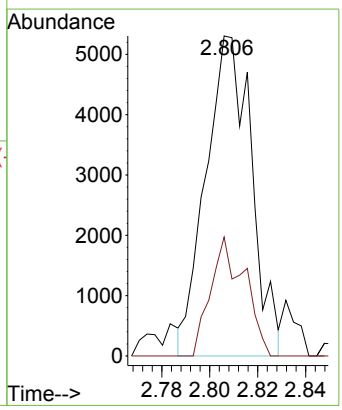


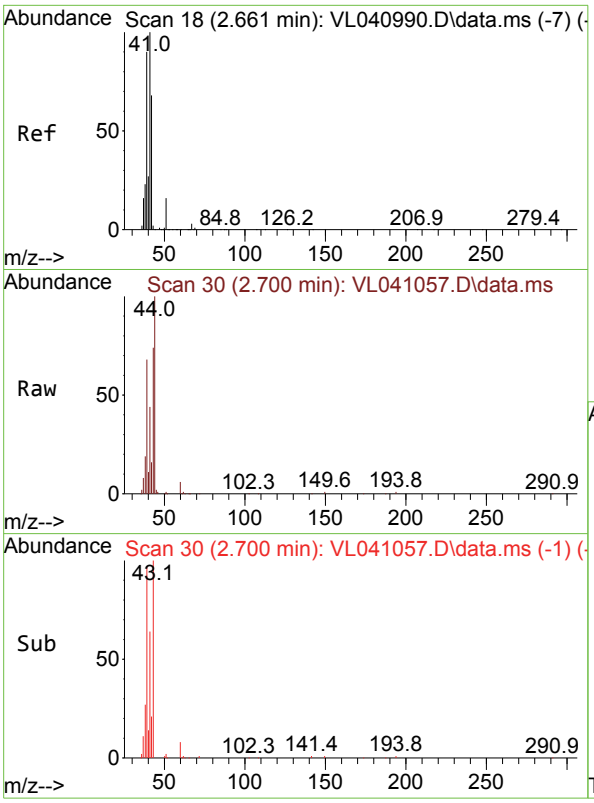


#4
Chloromethane
Concen: 0.087 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.010 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Tgt Ion: 50 Resp: 6984

Ion	Ratio	Lower	Upper
50	100		
52	40.5	26.2	39.4#



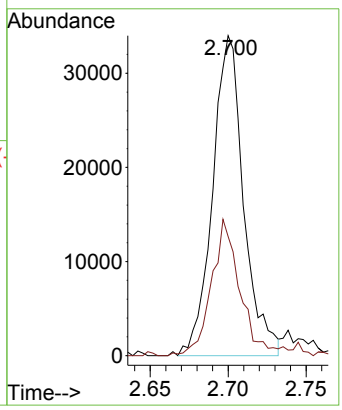


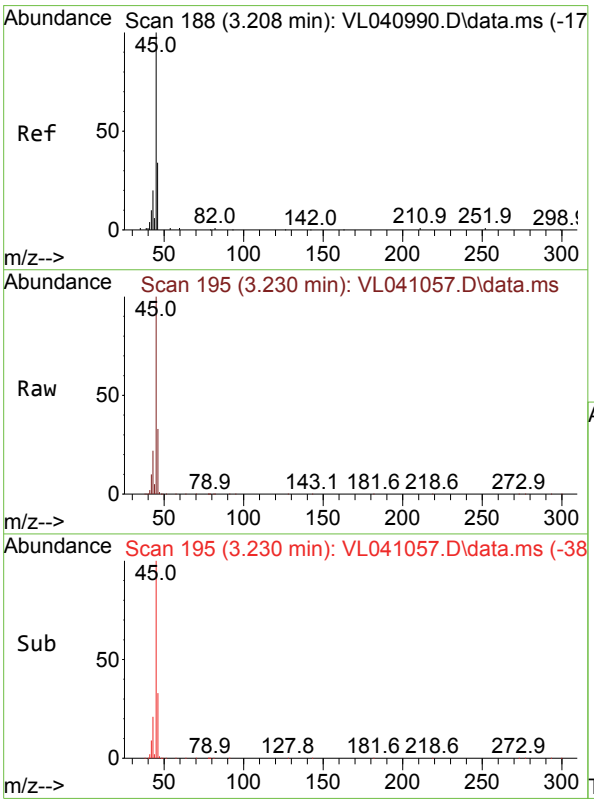
#9
Propene
Concen: 0.671 ppbv
RT: 2.700 min Scan# 3
Delta R.T. 0.022 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 47093

Ion	Ratio	Lower	Upper
41	100		
42	42.2	59.0	88.4#

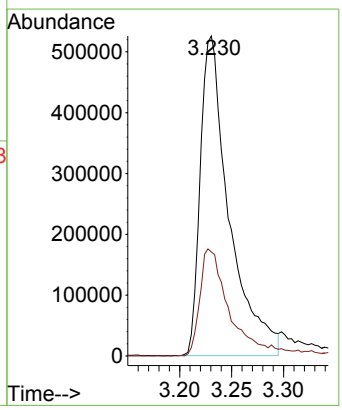


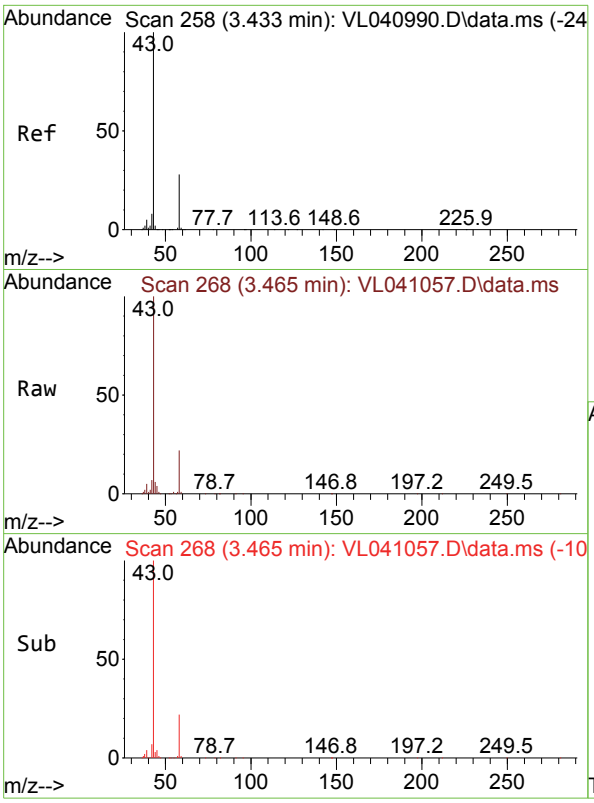


#13
Ethanol
Concen: 60.727 ppbv
RT: 3.230 min Scan# 195
Delta R.T. 0.006 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Tgt Ion: 45 Resp: 1015207

Ion	Ratio	Lower	Upper
45	100		
46	37.1	16.2	64.8



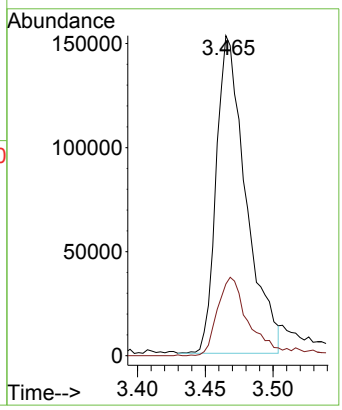


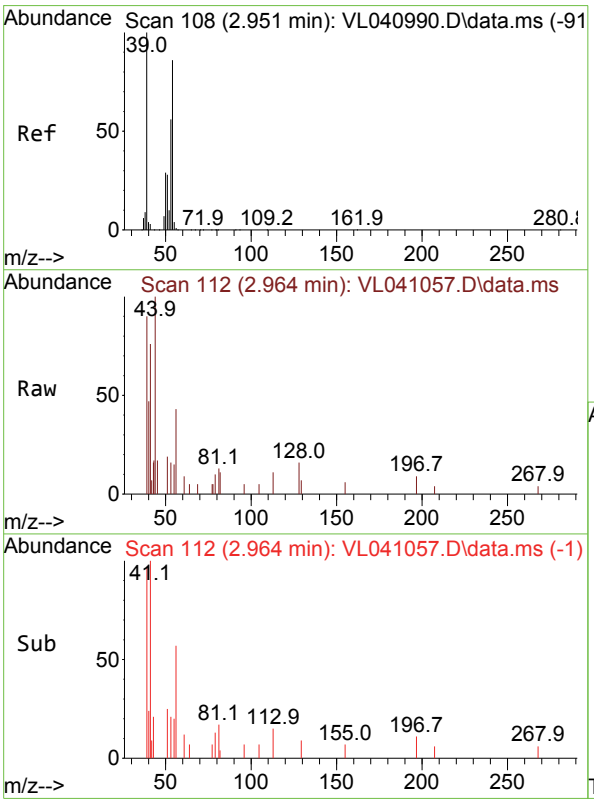
#15
Acetone
Concen: 1.433 ppbv
RT: 3.465 min Scan# 2
Delta R.T. 0.013 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 232934

Ion	Ratio	Lower	Upper
43	100		
58	27.6	22.2	33.2

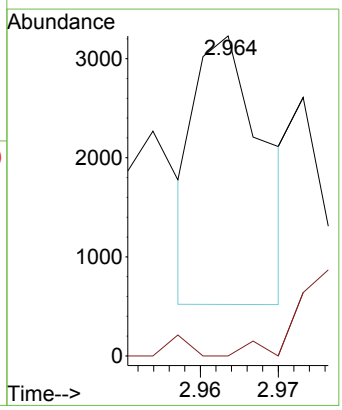


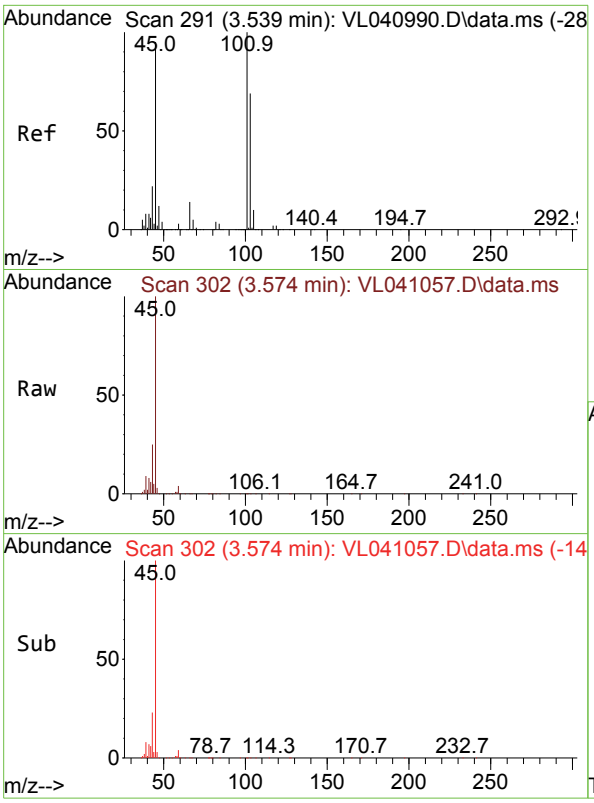


#16
1,3-Butadiene
Concen: 0.021 ppbv
RT: 2.964 min Scan# 112
Delta R.T. -0.006 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Tgt Ion: 39 Resp: 1639

Ion	Ratio	Lower	Upper
39	100		
54	98.5	62.7	94.1#



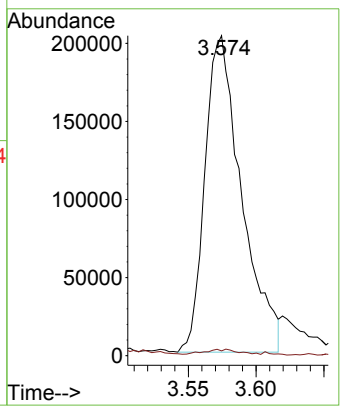


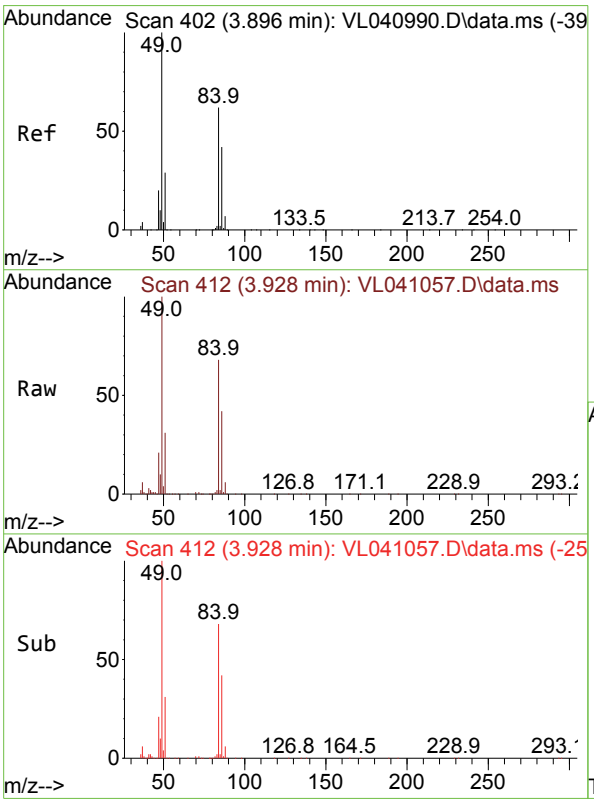
#19
Isopropyl Alcohol
Concen: 4.056 ppbv
RT: 3.574 min Scan# 3
Delta R.T. 0.013 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 381769

Ion	Ratio	Lower	Upper
45	100		
58	3.0	2.2	3.4

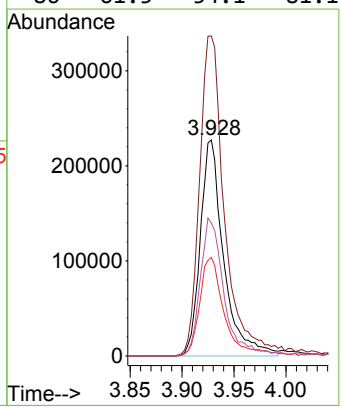


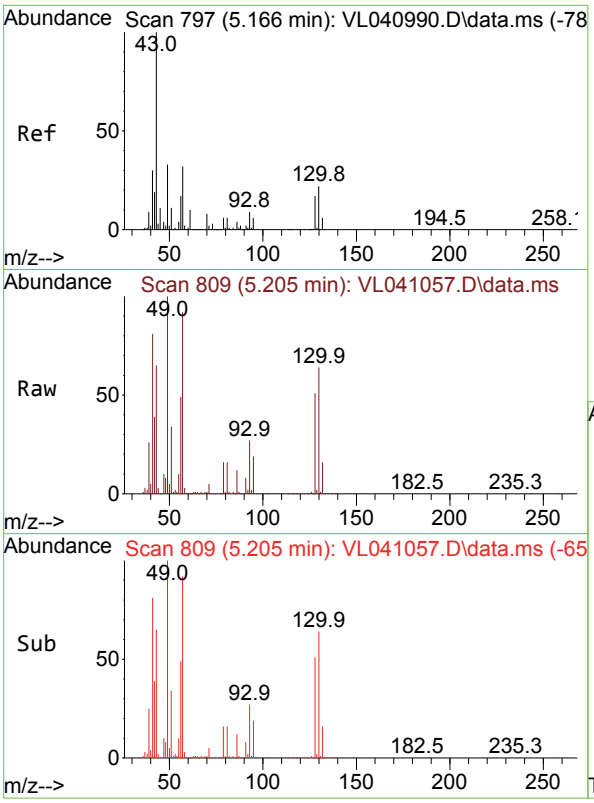


#20
Methylene Chloride
Concen: 5.686 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.010 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Tgt Ion: 84 Resp: 355765

Ion	Ratio	Lower	Upper
84	100		
49	147.7	128.1	192.1
51	45.4	36.5	54.7
86	61.5	54.1	81.1



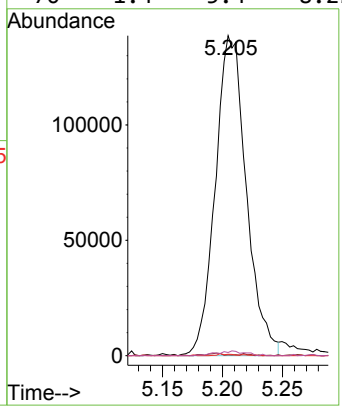


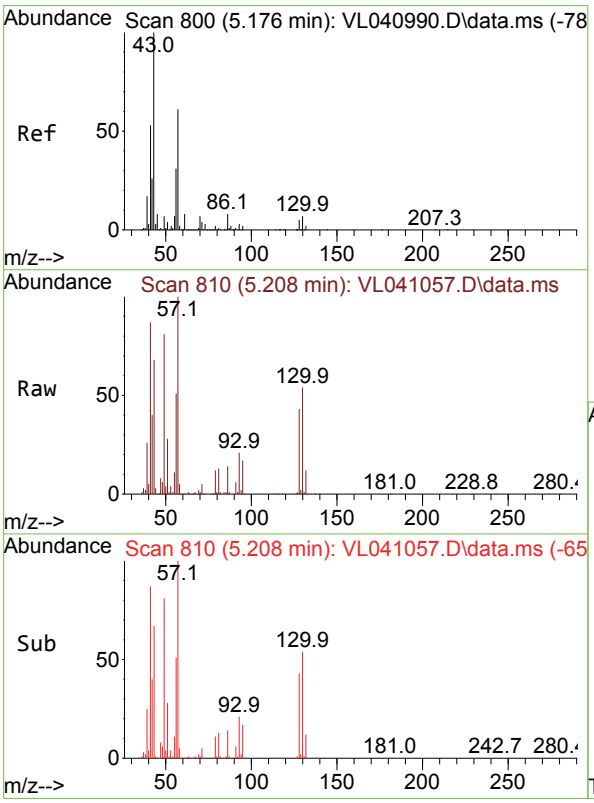
#25
Ethyl Acetate
Concen: 0.845 ppbv
RT: 5.205 min Scan# 8
Delta R.T. 0.013 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 249165

Ion	Ratio	Lower	Upper
43	100		
45	0.5	8.2	12.4#
61	0.4	7.9	11.9#
70	1.4	5.4	8.2#

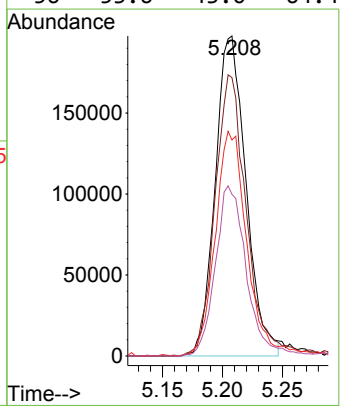


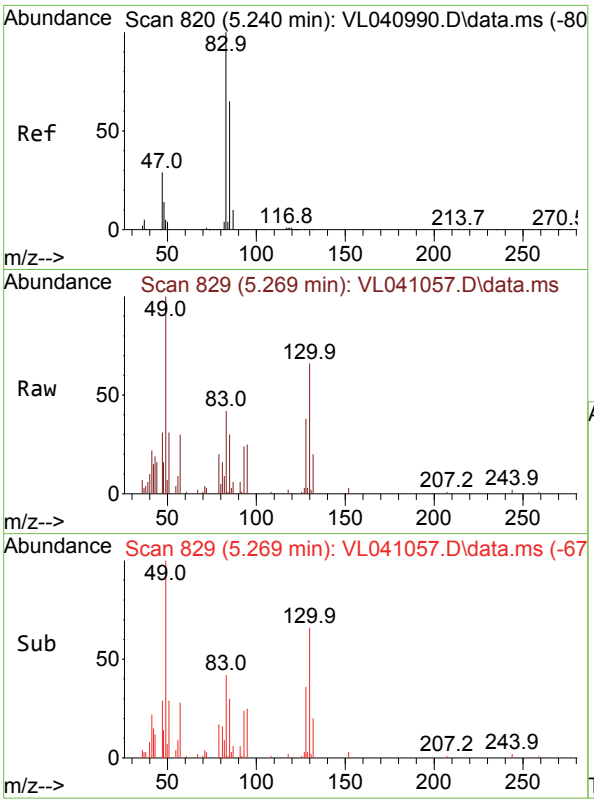


#26
Hexane
Concen: 2.803 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.010 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Tgt Ion: 57 Resp: 352242

Ion	Ratio	Lower	Upper
57	100		
41	91.0	74.4	111.6
43	73.5	190.6	285.8#
56	53.6	43.0	64.4



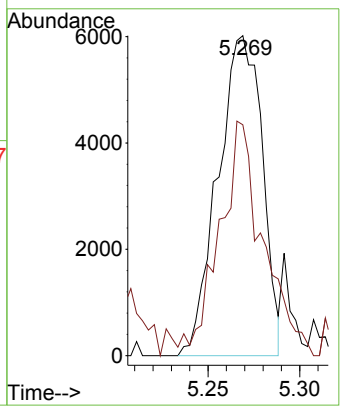


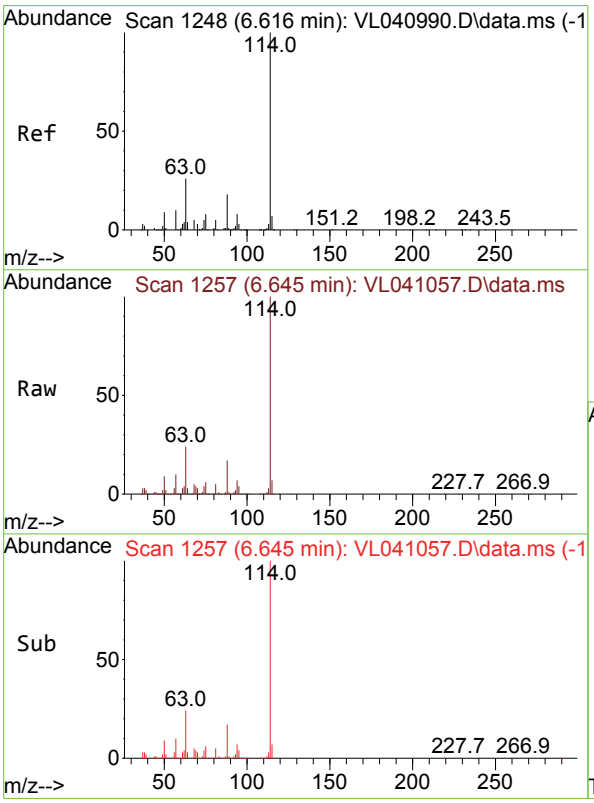
#29
Chloroform
Concen: 0.045 ppbv
RT: 5.269 min Scan# 8
Delta R.T. 0.010 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 10132

Ion	Ratio	Lower	Upper
83	100		
85	69.5	51.6	77.4

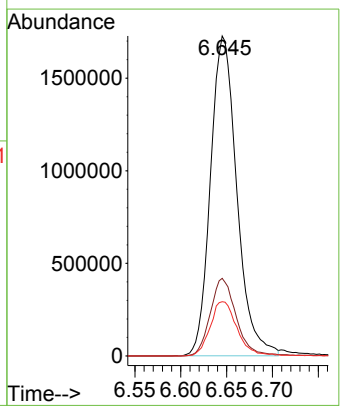


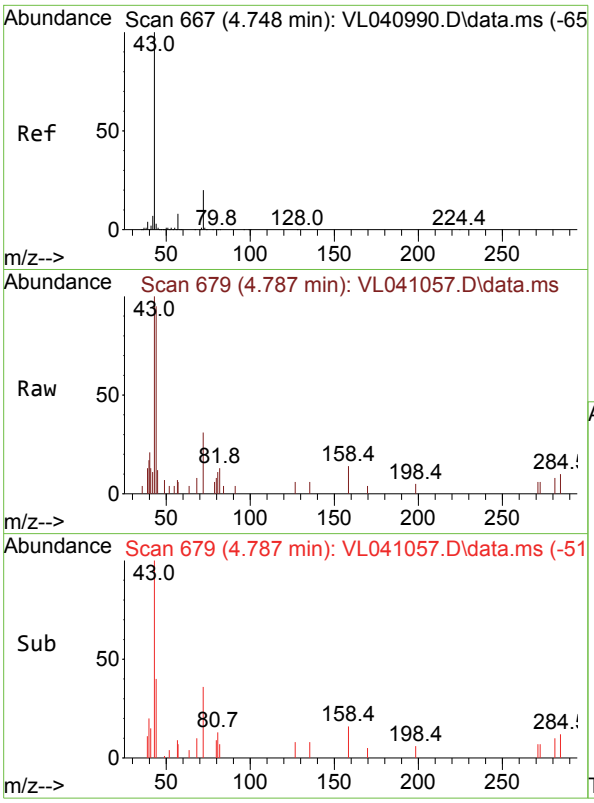


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. 0.003 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Tgt Ion:114 Resp: 3460679

Ion	Ratio	Lower	Upper
114	100		
63	24.2	20.8	31.2
88	17.5	14.3	21.5



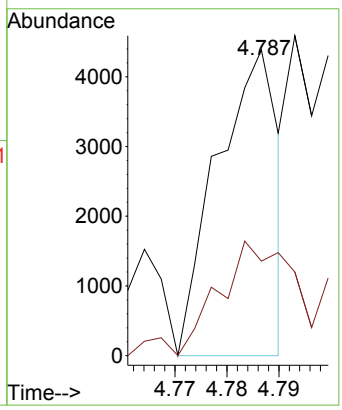


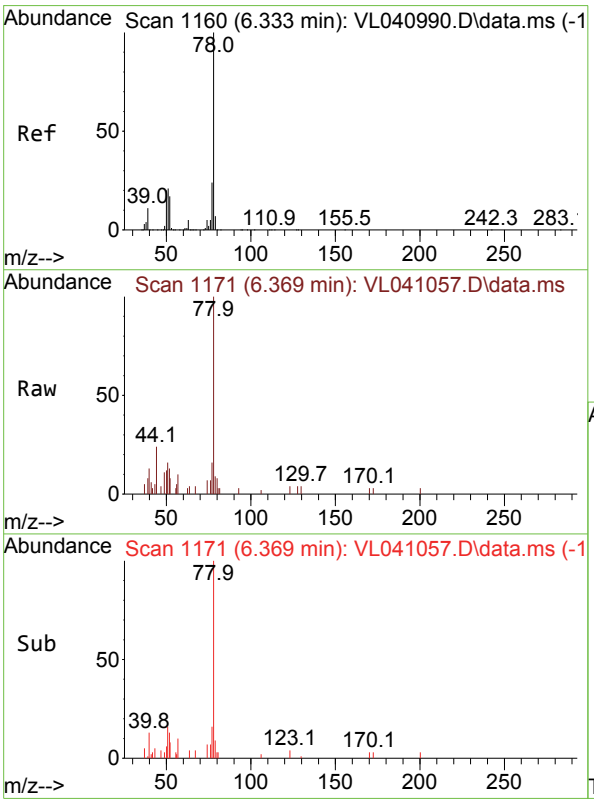
#34
2-Butanone
Concen: 0.022 ppbv
RT: 4.787 min Scan# 6
Delta R.T. 0.016 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 3578

Ion	Ratio	Lower	Upper
43	100		
72	72.0	17.5	26.3#

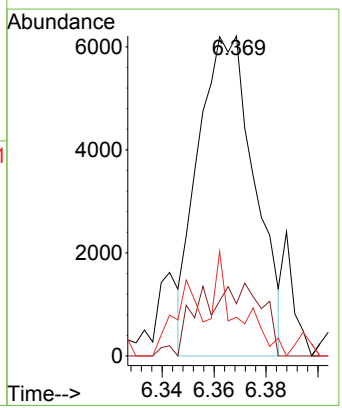


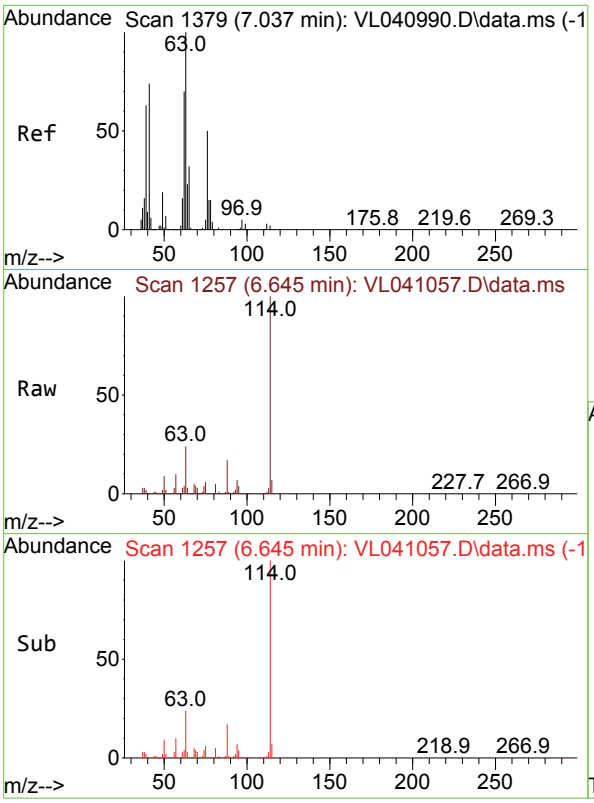


#36
Benzene
Concen: 0.033 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. 0.010 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Tgt Ion: 78 Resp: 9365

Ion	Ratio	Lower	Upper
78	100		
77	20.6	19.0	28.4
50	28.6	15.8	23.6#



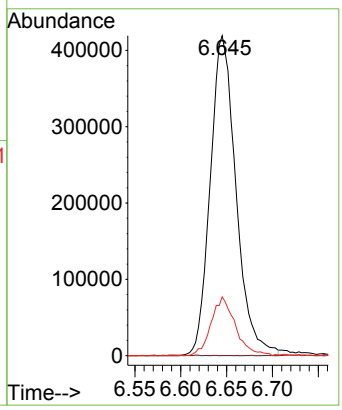


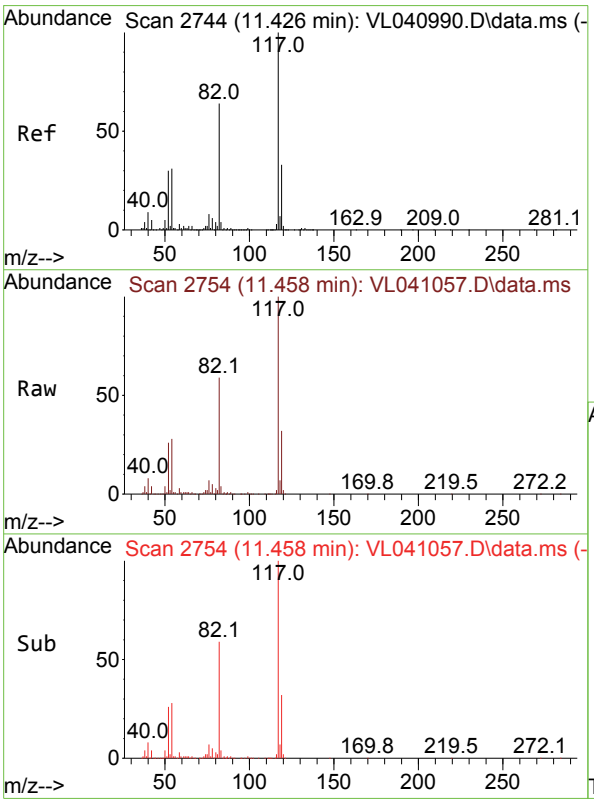
#39
1,2-Dichloropropane
Concen: 7.285 ppbv
RT: 6.645 min Scan# 1
Delta R.T. -0.412 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 820268

Ion	Ratio	Lower	Upper
63	100		
41	0.1	59.6	89.4#
62	18.4	55.6	83.4#

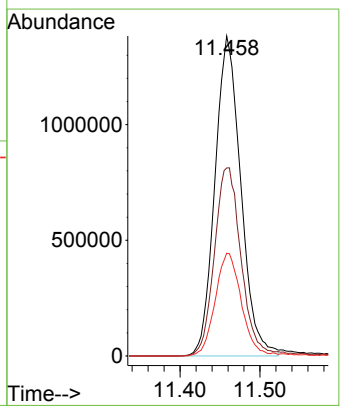


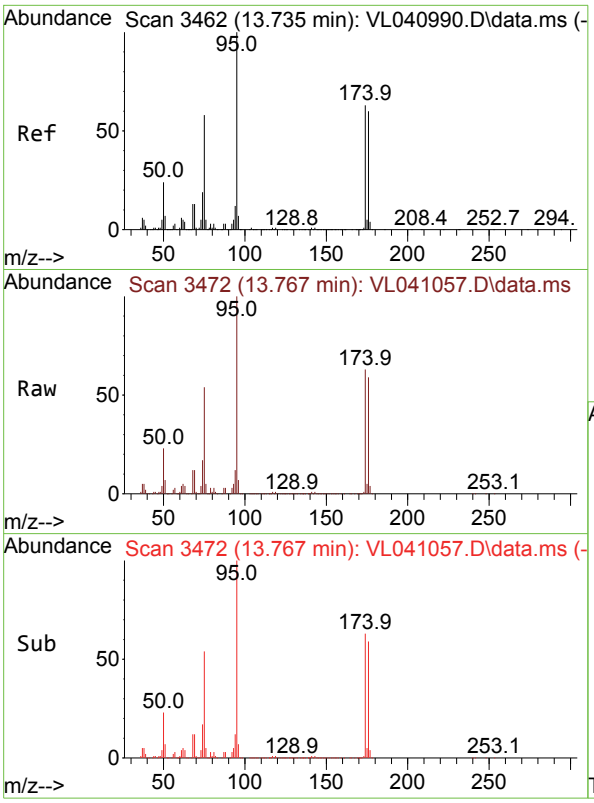


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. 0.006 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Tgt Ion:117 Resp: 3104568

Ion	Ratio	Lower	Upper
117	100		
82	62.0	51.7	77.5
119	33.1	23.8	35.6





#68
1-Bromo-4-Fluorobenzene
Concen: 9.820 ppbv
RT: 13.767 min Scan# 3
Delta R.T. 0.006 min
Lab File: VL041057.D
Acq: 9 Feb 2024 14:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2302669

Ion	Ratio	Lower	Upper
95	100		
174	65.7	49.1	73.7
175	4.9	3.7	5.5