Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040424\
Data File : VL041142.D
Acq On : 5 Apr 2024 2:16
Operator : SY/MD
Sample : P1986-01DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Quant Time: Apr 05 03:52:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Apr 05 03:20:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.211	49	1338329	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	3772156	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	3348079	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	2586311	9.567	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.700%			
Target Compounds						Qvalue
9) Propene	2.703	41	3801	0.058	ppbv	# 28
15) Acetone	3.501	43	66872	0.461	ppbv	# 65
16) 1,3-Butadiene	2.983	39	5115	0.072	ppbv	# 39
20) Methylene Chloride	3.948	84	10043	0.168	ppbv	# 80
23) Vinyl Acetate	4.755	43	5410	0.036	ppbv	# 66
26) Hexane	5.234	57	4808	0.039	ppbv	# 1
34) 2-Butanone	4.819	43	121797	0.748	ppbv	97
39) 1,2-Dichloropropane	6.674	63	900584	8.200	ppbv	# 23

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

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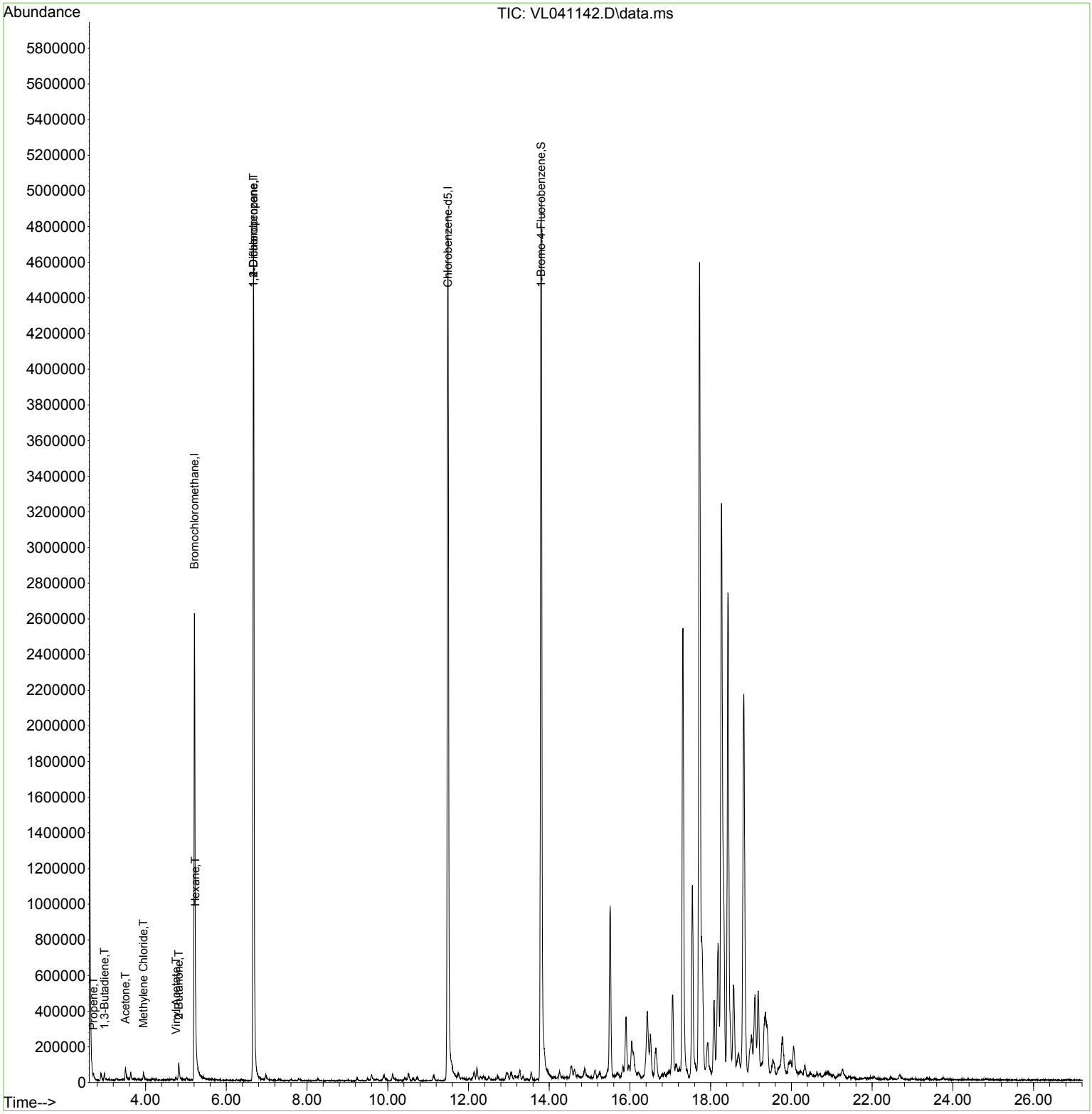
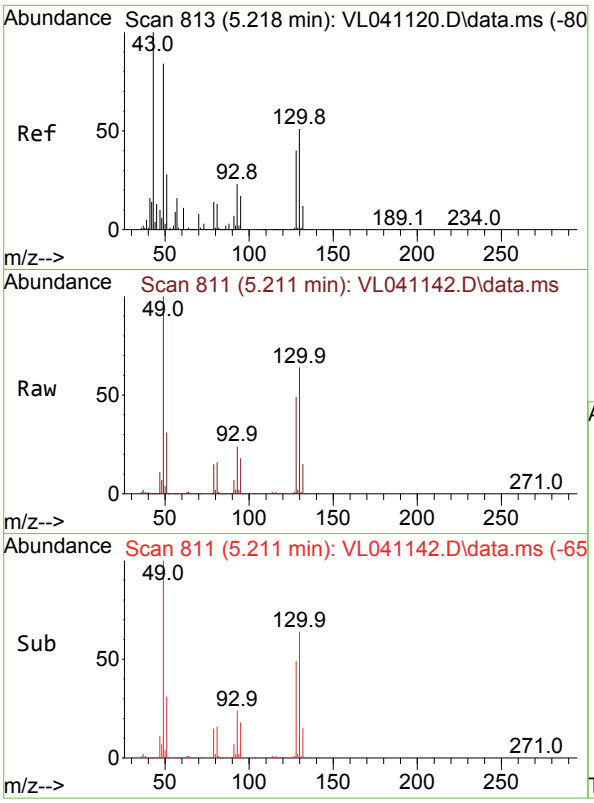


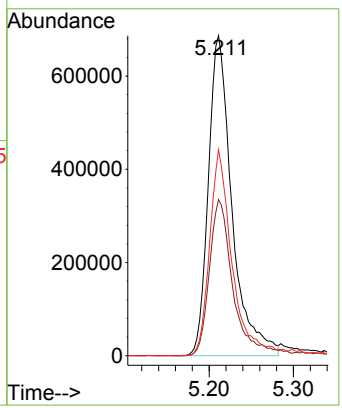


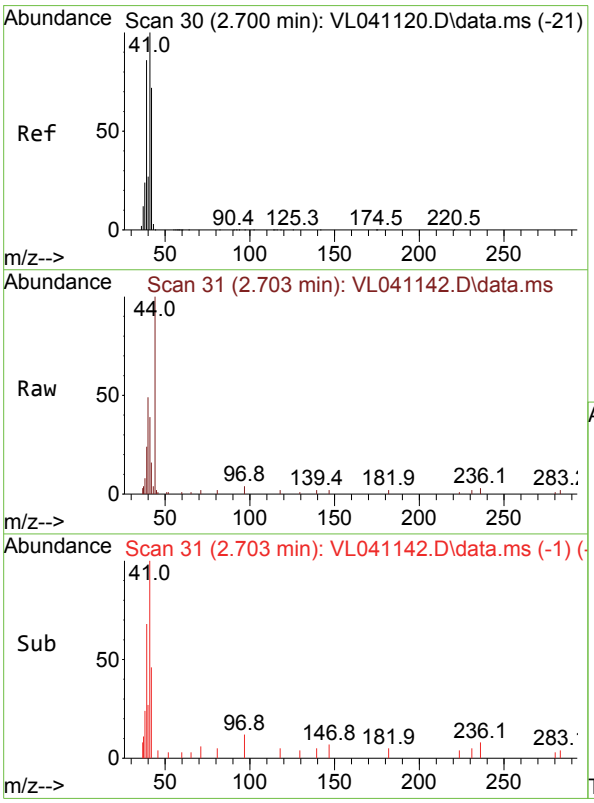
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 8
Delta R.T. -0.007 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 49 Resp: 1338329

Ion	Ratio	Lower	Upper
49	100		
128	50.8	23.8	71.5
130	64.2	30.3	90.9

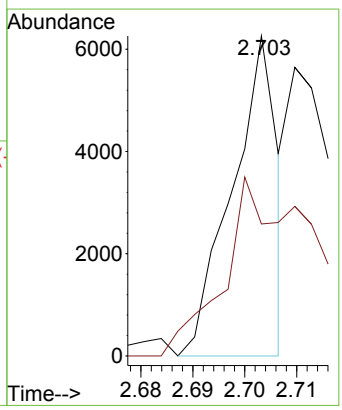


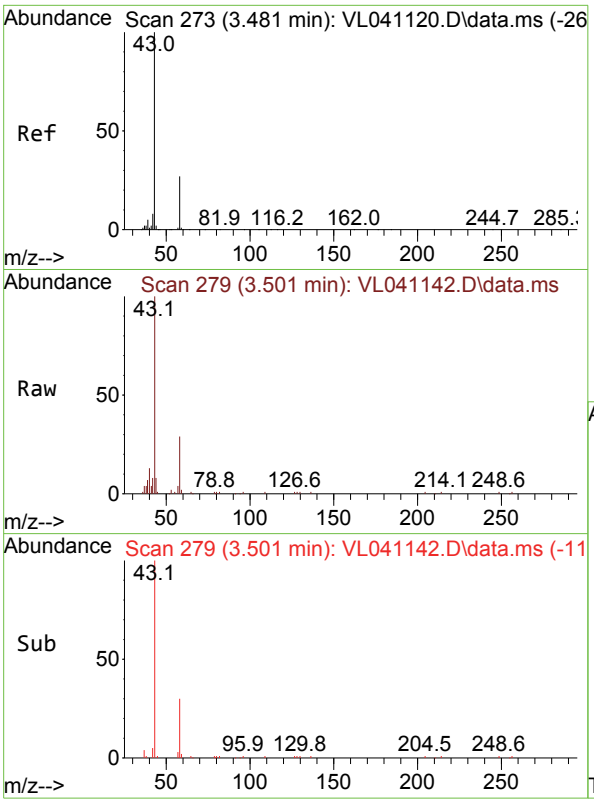


#9
Propene
Concen: 0.058 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16

Tgt Ion: 41 Resp: 3801

Ion	Ratio	Lower	Upper
41	100		
42	128.8	55.9	83.9#



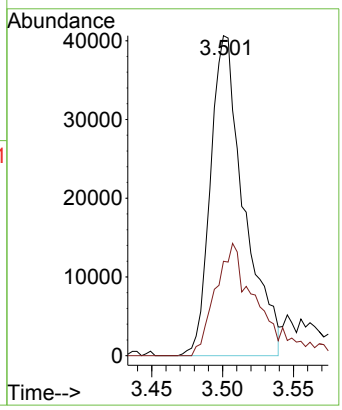


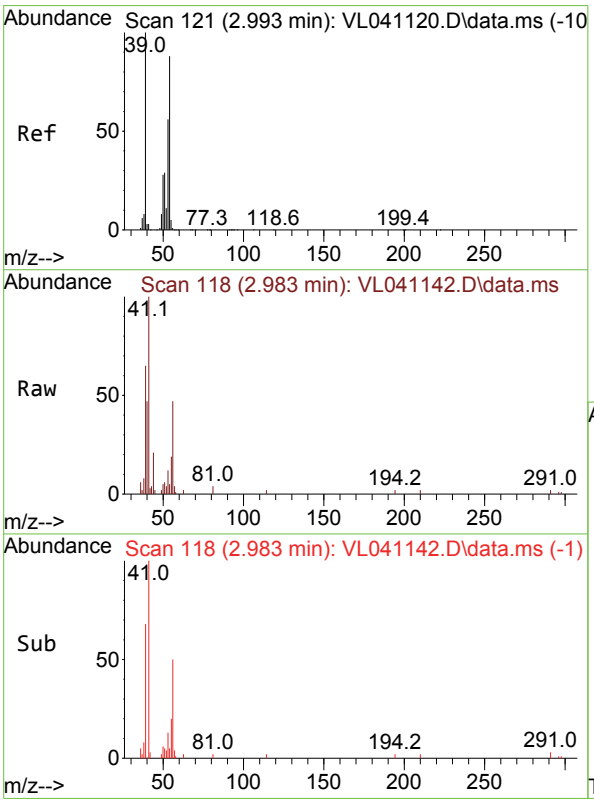
#15
Acetone
Concen: 0.461 ppbv
RT: 3.501 min Scan# 2
Delta R.T. 0.019 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 66872

Ion	Ratio	Lower	Upper
43	100		
58	45.1	21.7	32.5#

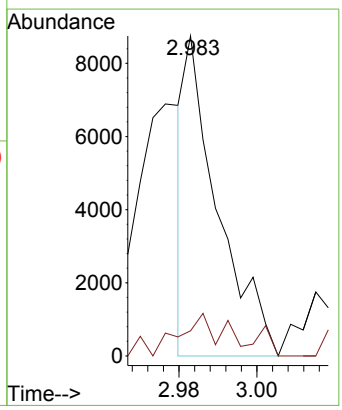


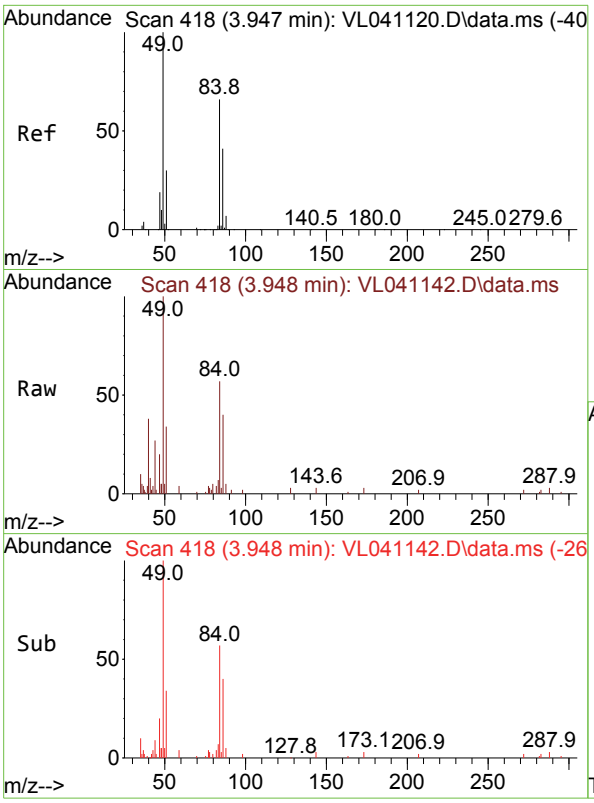


#16
1,3-Butadiene
Concen: 0.072 ppbv
RT: 2.983 min Scan# 118
Delta R.T. -0.010 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16

Tgt Ion: 39 Resp: 5115

Ion	Ratio	Lower	Upper
39	100		
54	26.2	64.0	96.0#



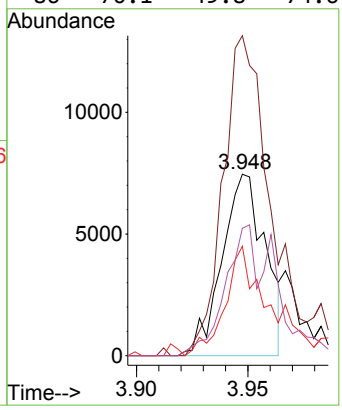


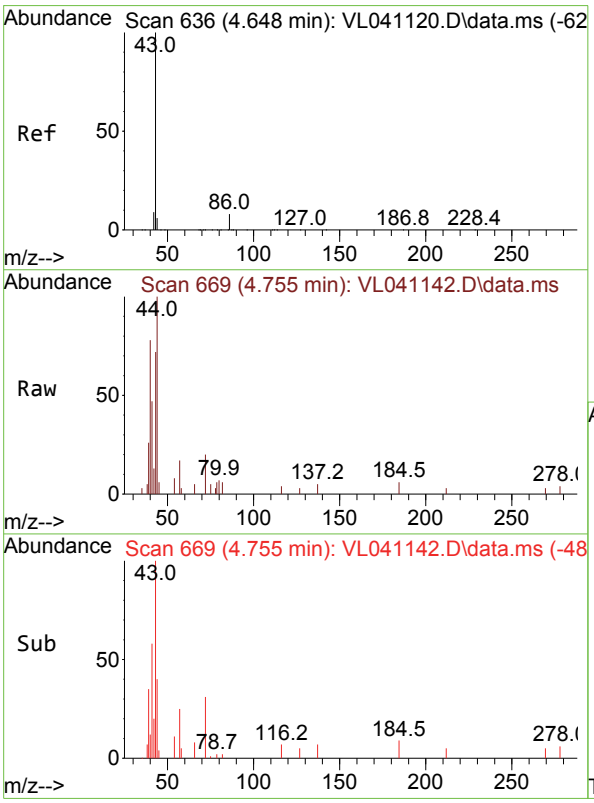
#20
Methylene Chloride
Concen: 0.168 ppbv
RT: 3.948 min Scan# 4
Delta R.T. 0.000 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 84 Resp: 10043

Ion	Ratio	Lower	Upper
84	100		
49	176.3	117.0	175.6#
51	56.7	34.9	52.3#
86	70.1	49.8	74.6

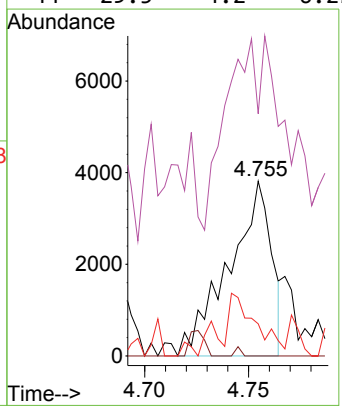


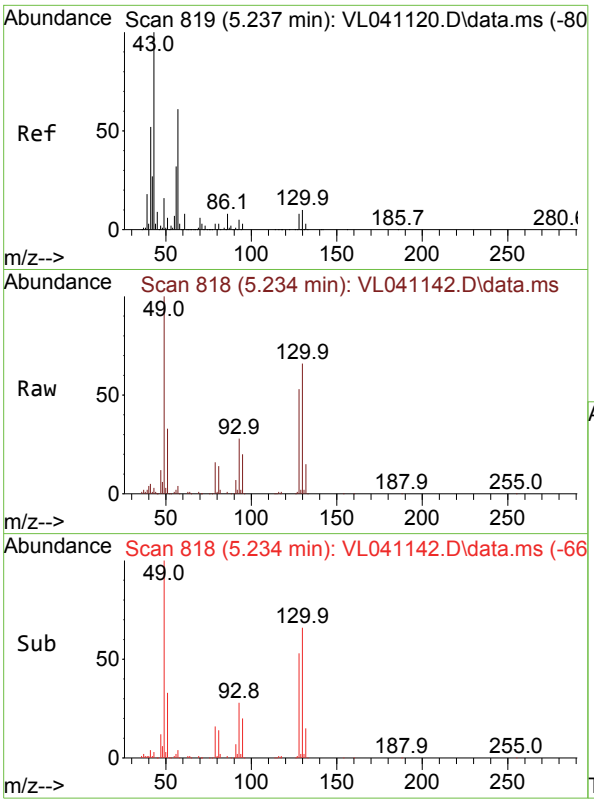


#23
Vinyl Acetate
Concen: 0.036 ppbv
RT: 4.755 min Scan# 669
Delta R.T. 0.106 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16

Tgt Ion: 43 Resp: 5410

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.4	8.2#
42	18.4	8.0	12.0#
44	29.5	4.2	6.2#



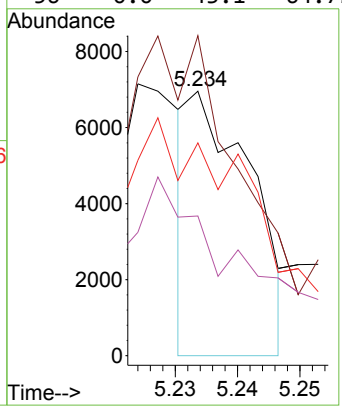


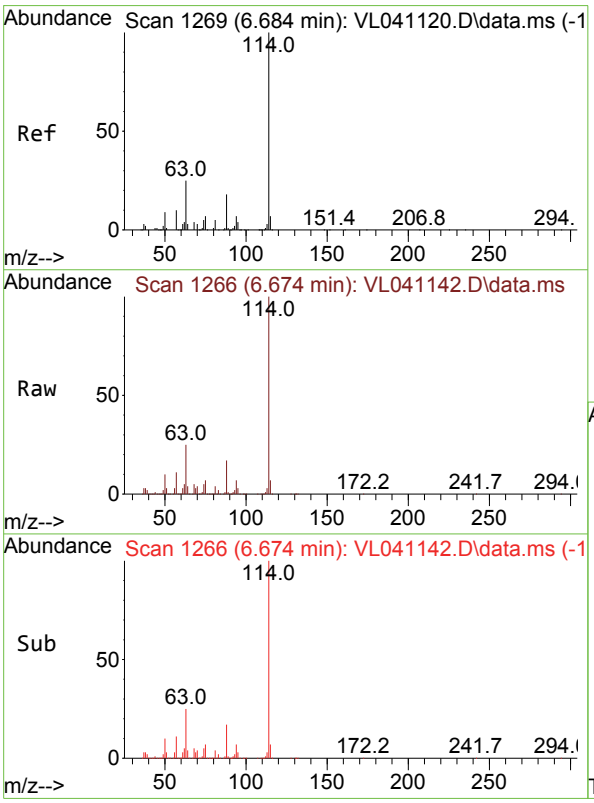
#26
Hexane
Concen: 0.039 ppbv
RT: 5.234 min Scan# 8
Delta R.T. -0.003 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 57 Resp: 4808

Ion	Ratio	Lower	Upper
57	100		
41	321.3	73.8	110.6#
43	0.0	184.2	276.2#
56	0.0	43.1	64.7#

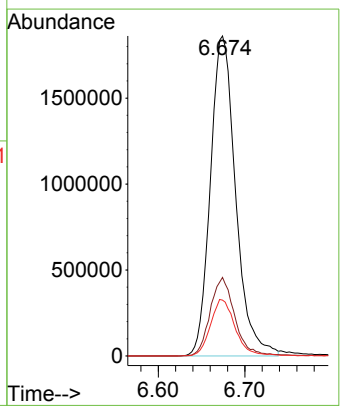


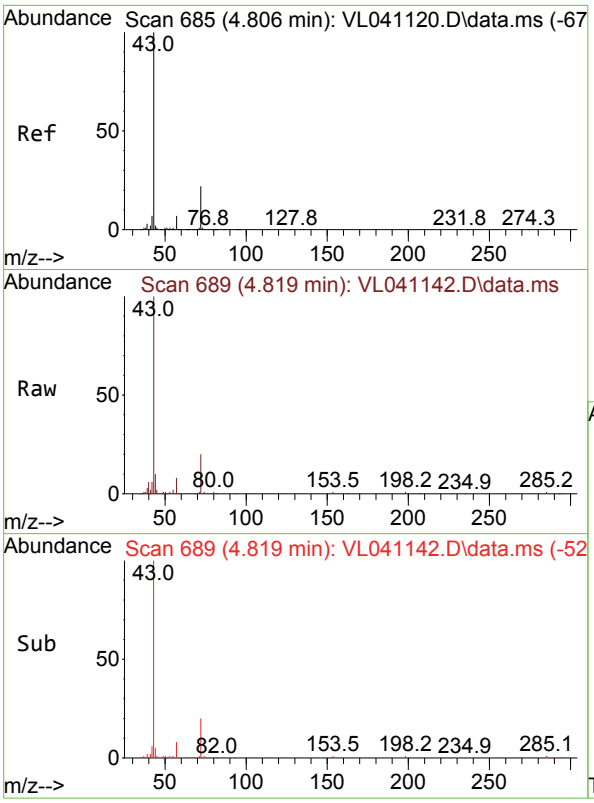


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 1266
Delta R.T. -0.010 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16

Tgt Ion:114 Resp: 3772156

Ion	Ratio	Lower	Upper
114	100		
63	24.2	21.0	31.6
88	17.5	14.6	22.0



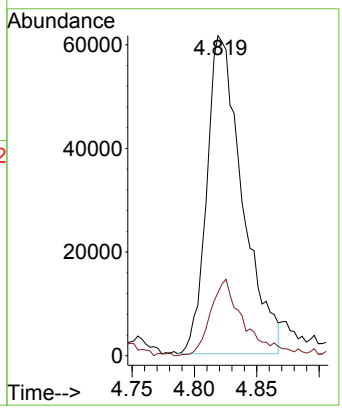


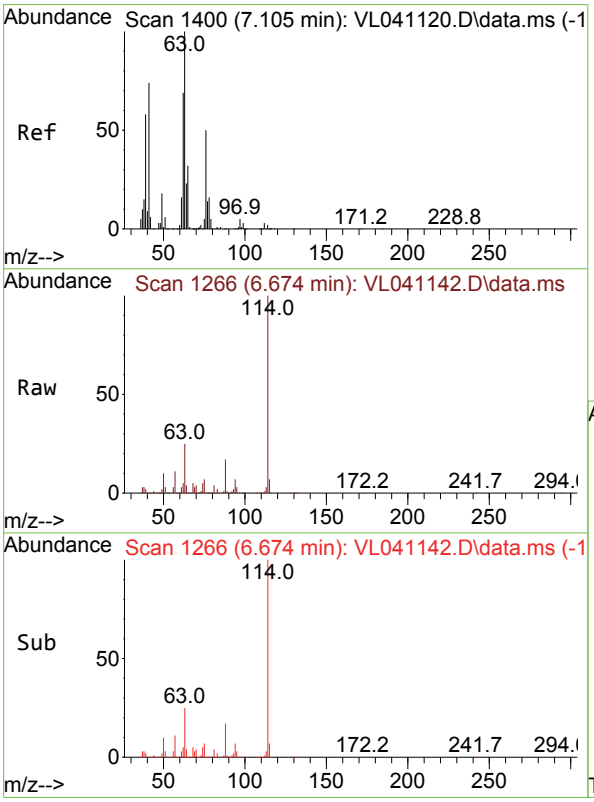
#34
2-Butanone
Concen: 0.748 ppbv
RT: 4.819 min Scan# 6
Delta R.T. 0.013 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 43 Resp: 121797

Ion	Ratio	Lower	Upper
43	100		
72	23.3	17.4	26.0

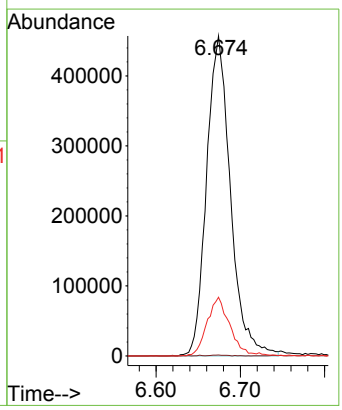


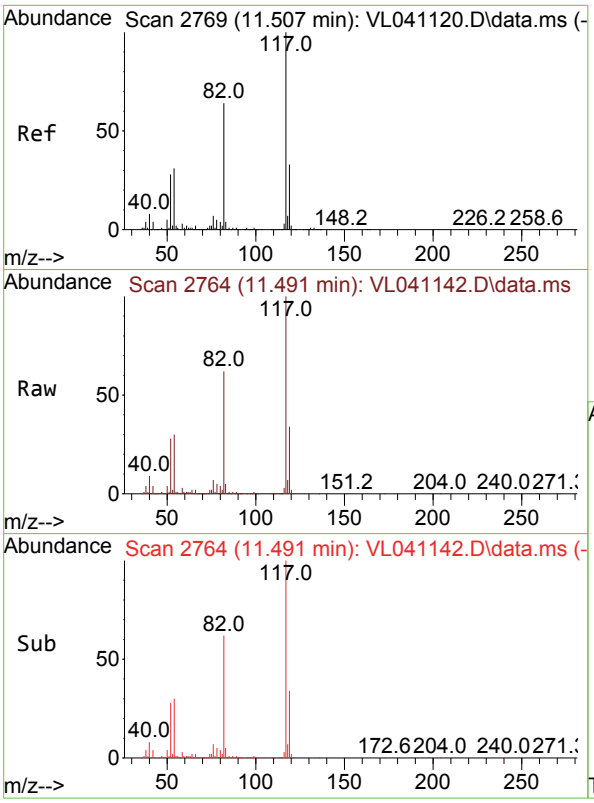


#39
1,2-Dichloropropane
Concen: 8.200 ppbv
RT: 6.674 min Scan# 1266
Delta R.T. -0.431 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16

Tgt Ion: 63 Resp: 900584

Ion	Ratio	Lower	Upper
63	100		
41	0.2	62.2	93.4#
62	18.4	57.0	85.4#



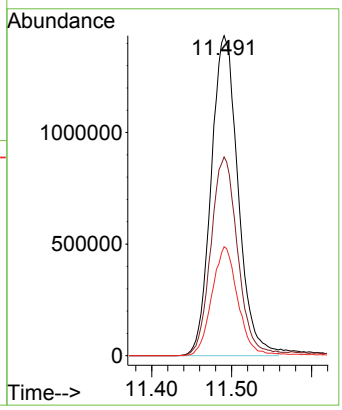


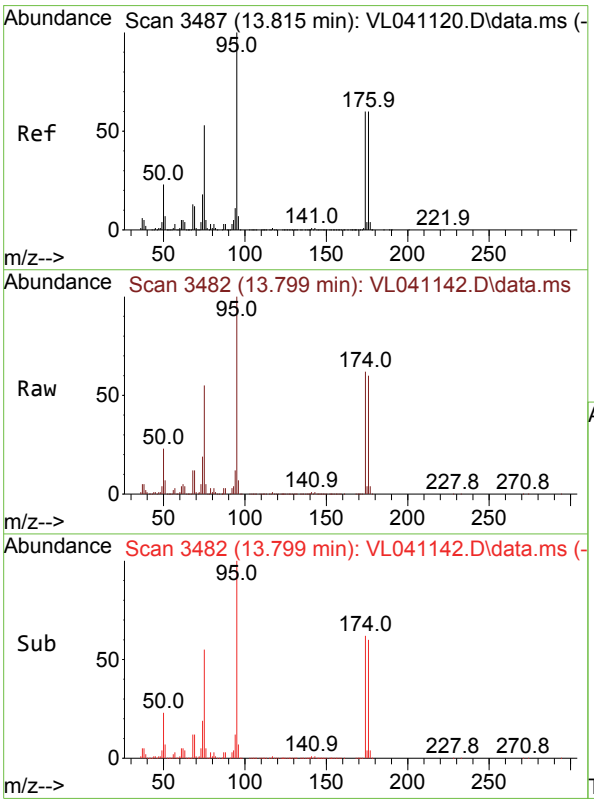
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.491 min Scan# 2
Delta R.T. -0.016 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:117 Resp: 3348079

Ion	Ratio	Lower	Upper
117	100		
82	64.2	51.4	77.2
119	33.4	23.7	35.5





#68
1-Bromo-4-Fluorobenzene
Concen: 9.567 ppbv
RT: 13.799 min Scan# 3482
Delta R.T. -0.016 min
Lab File: VL041142.D
Acq: 5 Apr 2024 2:16

Tgt Ion: 95 Resp: 2586311

Ion	Ratio	Lower	Upper
95	100		
174	64.0	47.8	71.8
175	4.9	3.5	5.3