Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
Data File : VL040950.D
Acq On : 22 Dec 2023 3:58
Operator : SY/MD
Sample : 05848-04DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Quant Time: Dec 22 04:34:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Dec 21 07:32:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.195	49	1176496	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.642	114	3148862	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2702894	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1951456	9.802	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.000%			
Target Compounds						Qvalue
9) Propene	2.742	41	16003	0.274	ppbv	# 77
15) Acetone	3.510	43	94890	0.672	ppbv	94
16) 1,3-Butadiene	2.996	39	7652	0.126	ppbv	# 14
20) Methylene Chloride	3.947	84	10914	0.217	ppbv	91
25) Ethyl Acetate	5.211	43	17331	0.071	ppbv	# 80
26) Hexane	5.217	57	45626	0.421	ppbv	# 38
39) 1,2-Dichloropropane	6.639	63	754680	7.802	ppbv	# 24
52) Tetrachloroethene	10.593	164	9484	0.114	ppbv	# 77

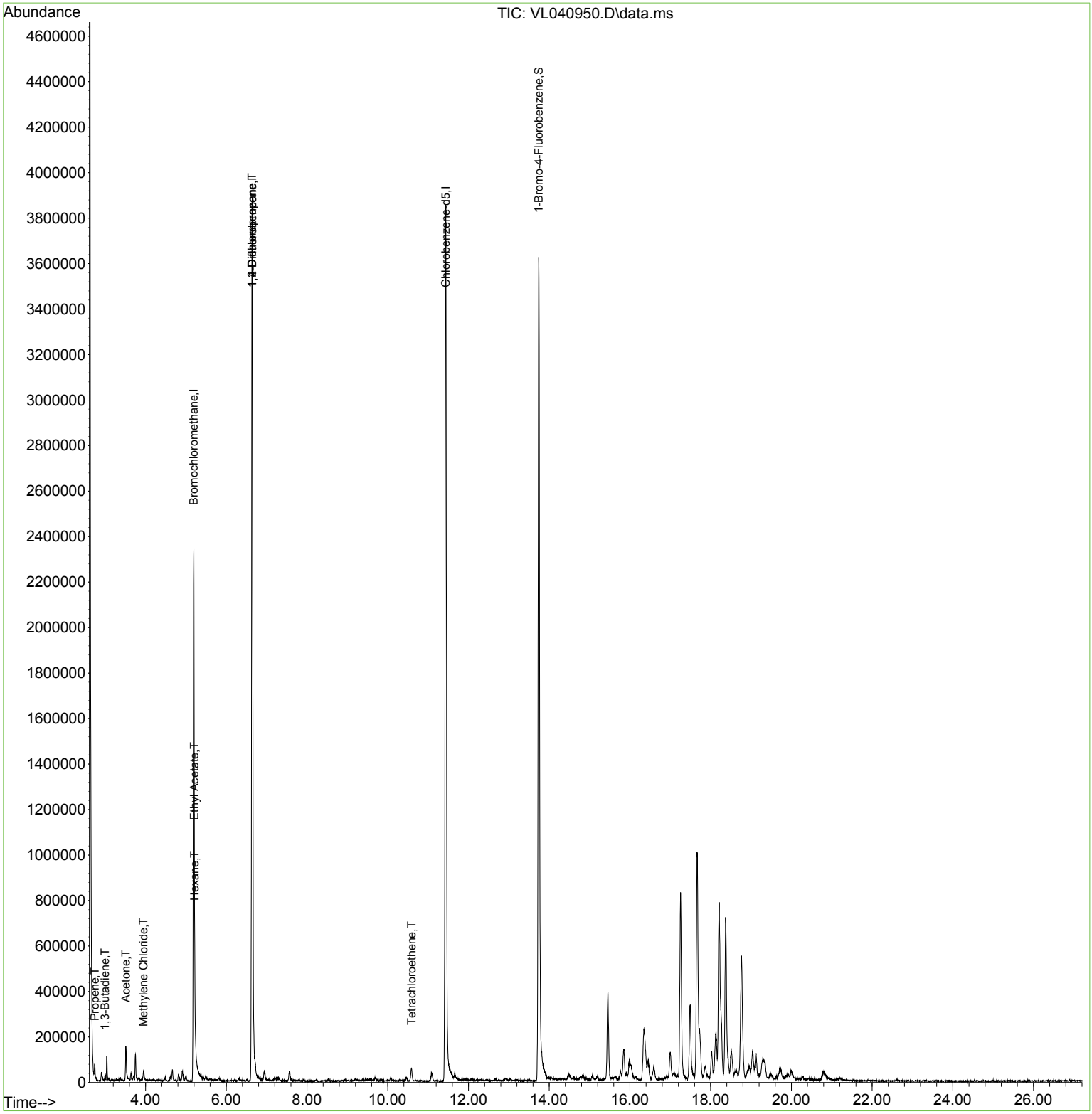
(#) = qualifier out of range (m) = manual integration (+) = signals summed

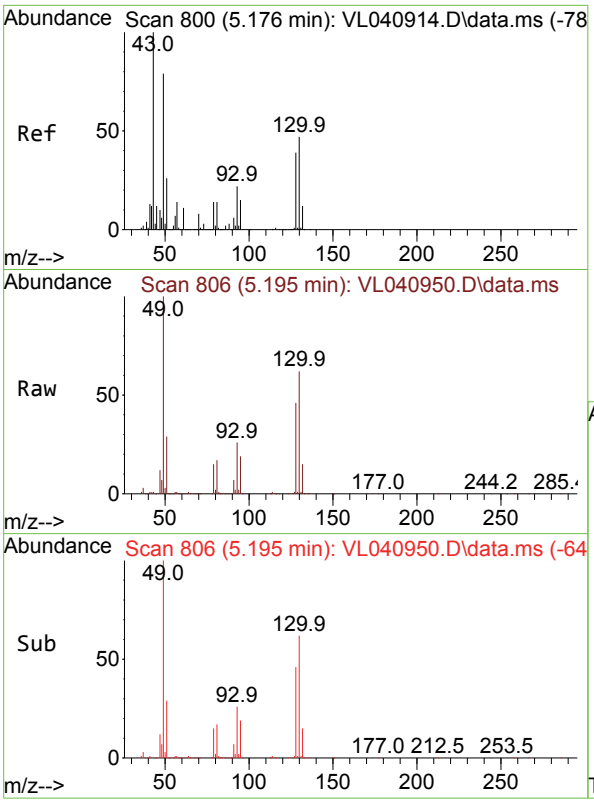
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
Data File : VL040950.D
Acq On : 22 Dec 2023 3:58
Operator : SY/MD
Sample : 05848-04DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Quant Time: Dec 22 04:34:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Dec 21 07:32:42 2023
Response via : Initial Calibration



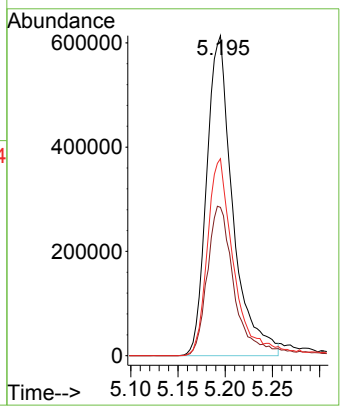


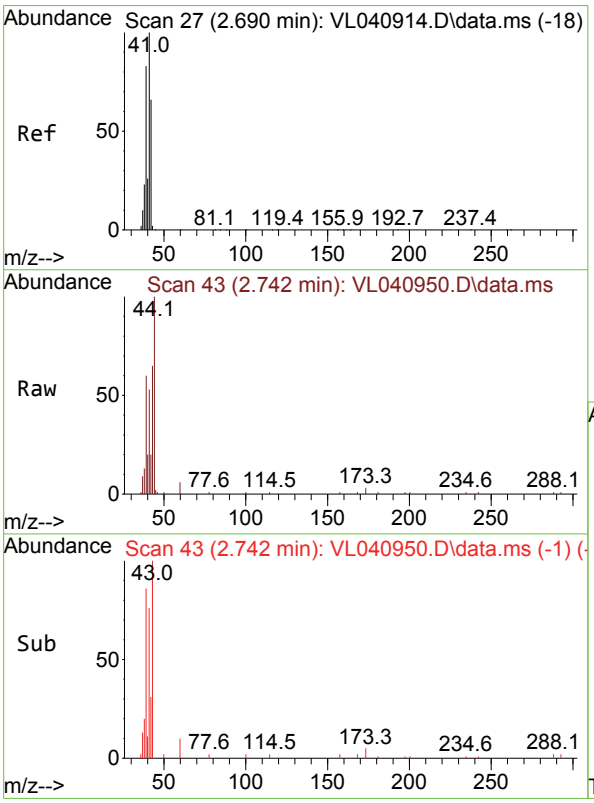
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 8
Delta R.T. 0.019 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion: 49 Resp: 1176496

Ion	Ratio	Lower	Upper
49	100		
128	50.5	23.8	71.2
130	65.5	30.1	90.5

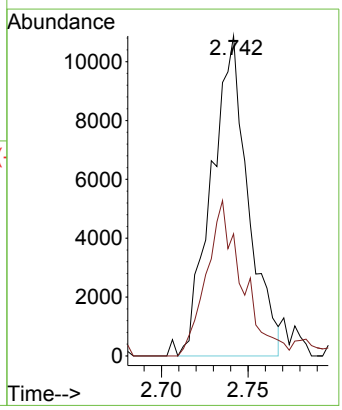


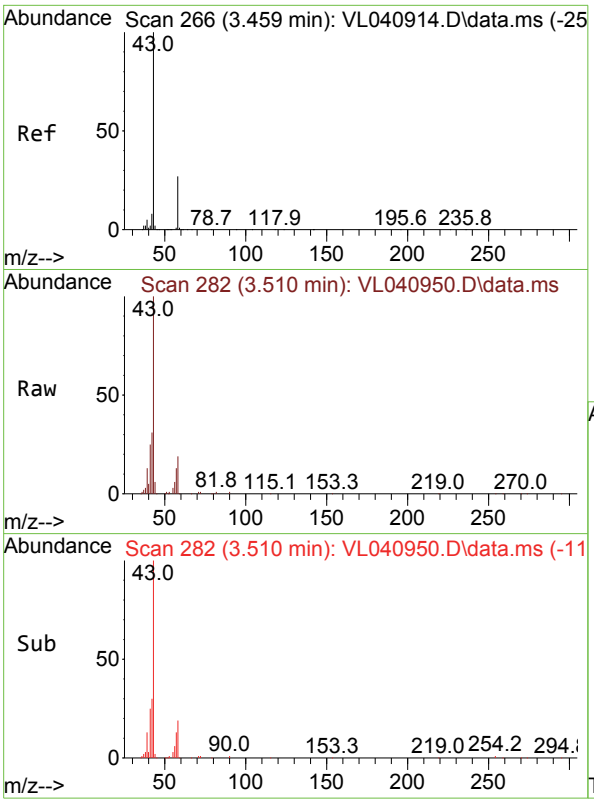


#9
Propene
Concen: 0.274 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.051 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

Tgt Ion: 41 Resp: 16003

Ion	Ratio	Lower	Upper
41	100		
42	50.7	55.8	83.6#



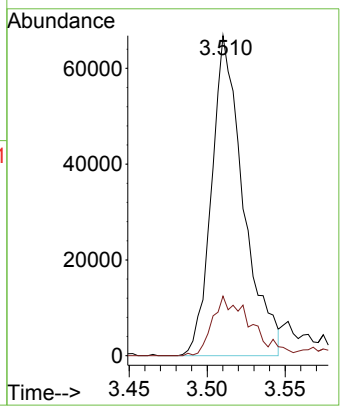


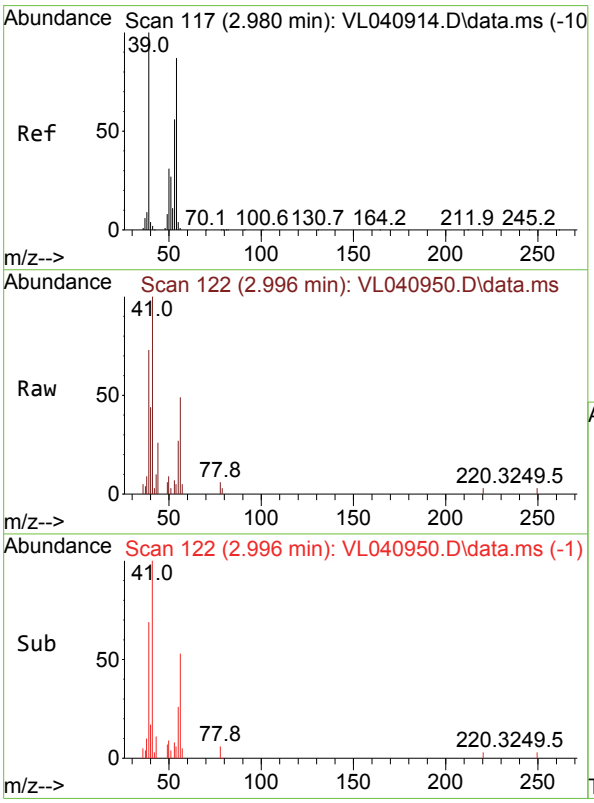
#15
Acetone
Concen: 0.672 ppbv
RT: 3.510 min Scan# 2
Delta R.T. 0.051 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion: 43 Resp: 94890

Ion	Ratio	Lower	Upper
43	100		
58	22.6	20.6	30.8

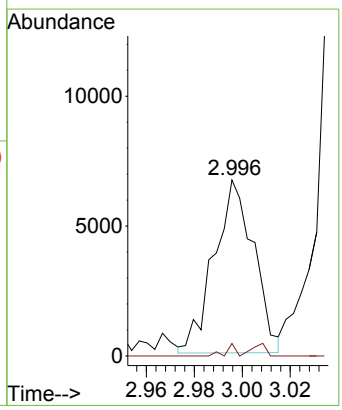


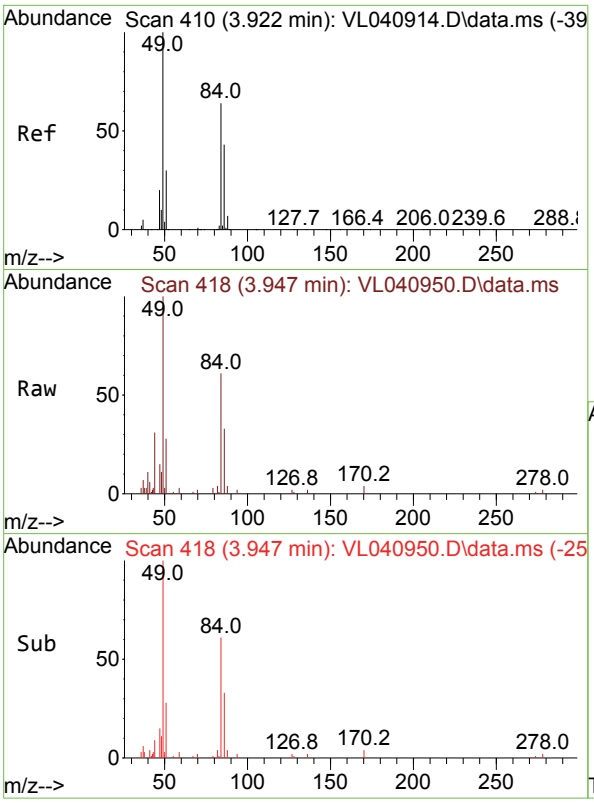


#16
1,3-Butadiene
Concen: 0.126 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.016 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

Tgt Ion: 39 Resp: 7652

Ion	Ratio	Lower	Upper
39	100		
54	4.1	63.8	95.6#



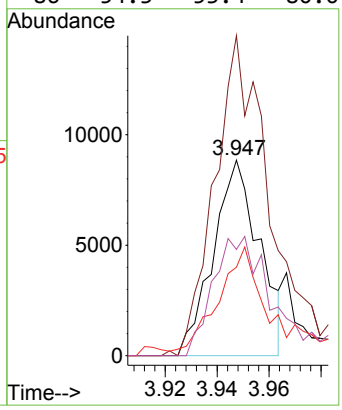


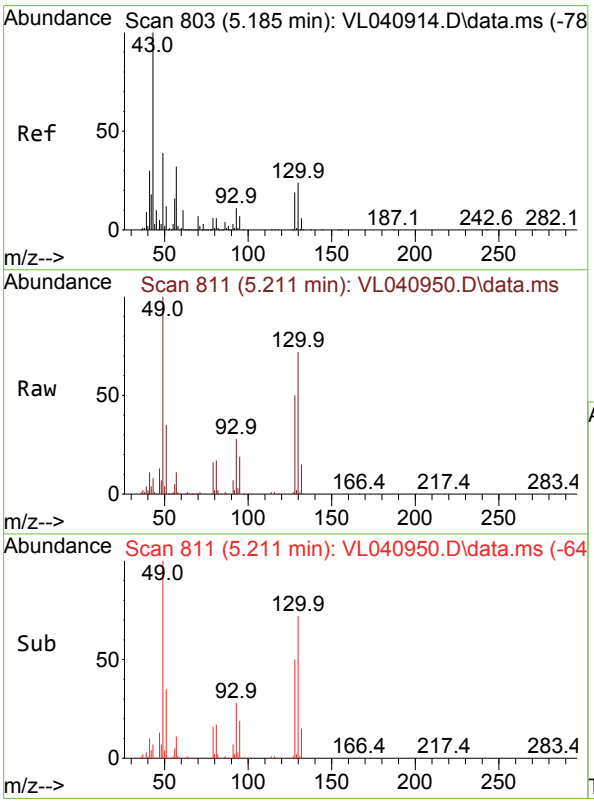
#20
Methylene Chloride
Concen: 0.217 ppbv
RT: 3.947 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion: 84 Resp: 10914

Ion	Ratio	Lower	Upper
84	100		
49	163.6	124.6	187.0
51	41.9	37.2	55.8
86	54.3	53.4	80.0

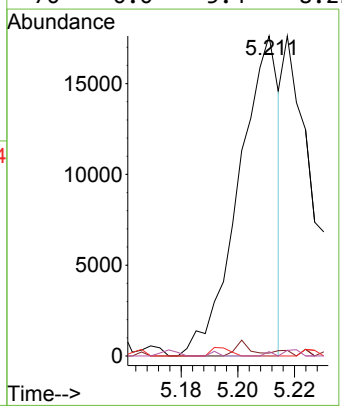


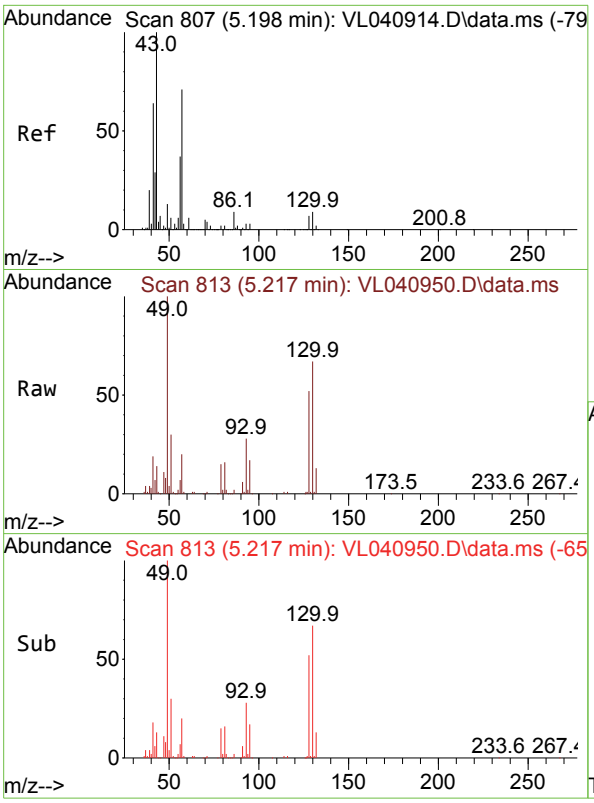


#25
Ethyl Acetate
Concen: 0.071 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.026 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

Tgt Ion: 43 Resp: 17331

Ion	Ratio	Lower	Upper
43	100		
45	3.2	8.2	12.2#
61	1.2	7.6	11.4#
70	0.0	5.4	8.2#



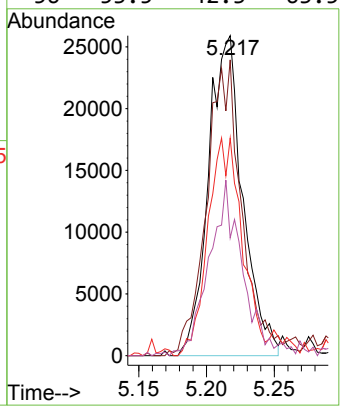


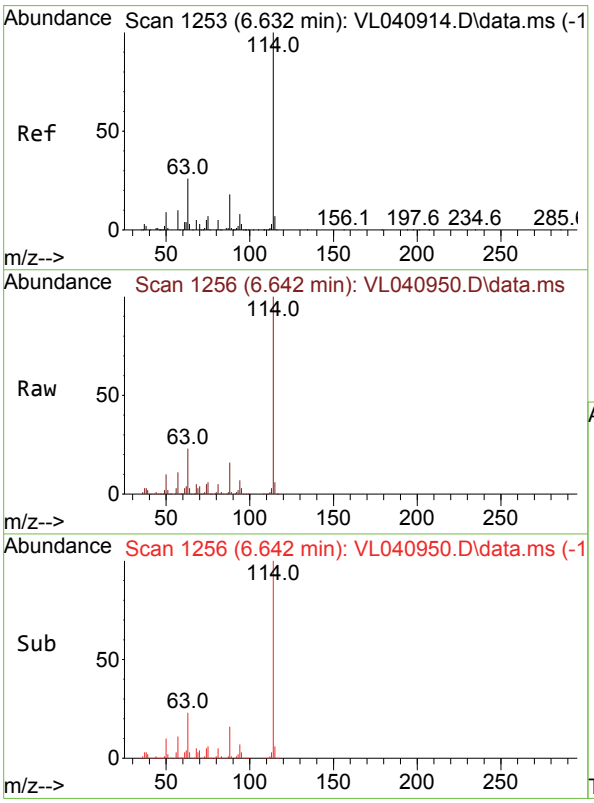
#26
Hexane
Concen: 0.421 ppbv
RT: 5.217 min Scan# 8
Delta R.T. 0.019 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion: 57 Resp: 45626

Ion	Ratio	Lower	Upper
57	100		
41	101.5	75.2	112.8
43	72.4	188.0	282.0#
56	53.5	42.3	63.5

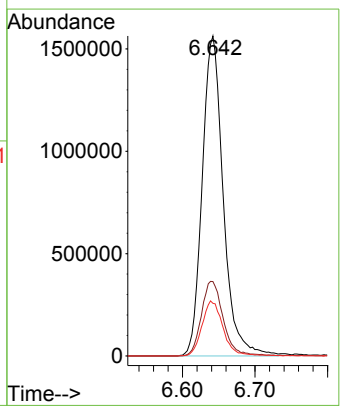


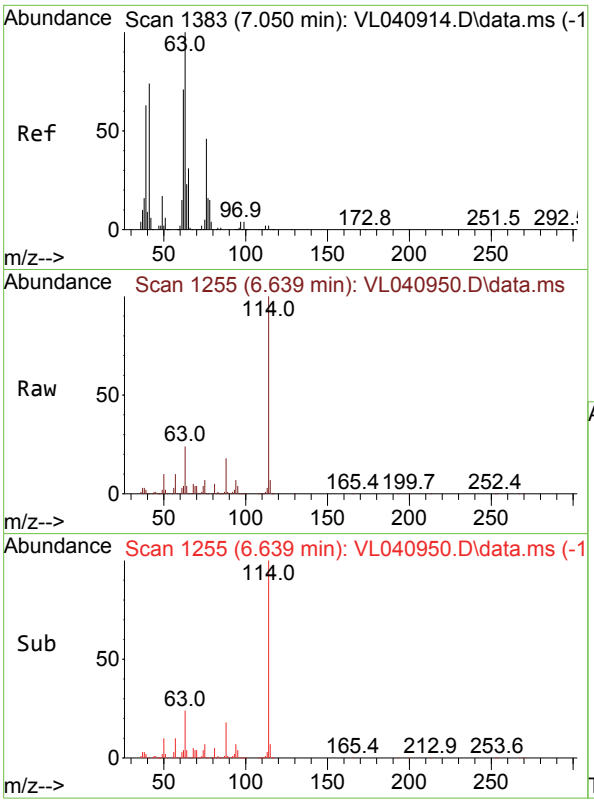


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. 0.010 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

Tgt Ion:114 Resp: 3148862

Ion	Ratio	Lower	Upper
114	100		
63	24.5	21.0	31.6
88	17.4	14.3	21.5



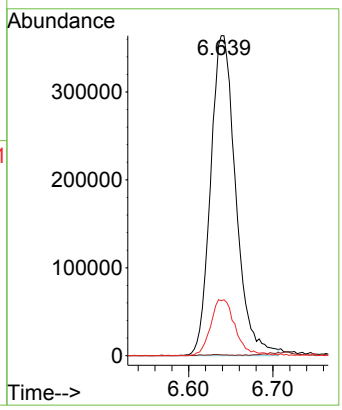


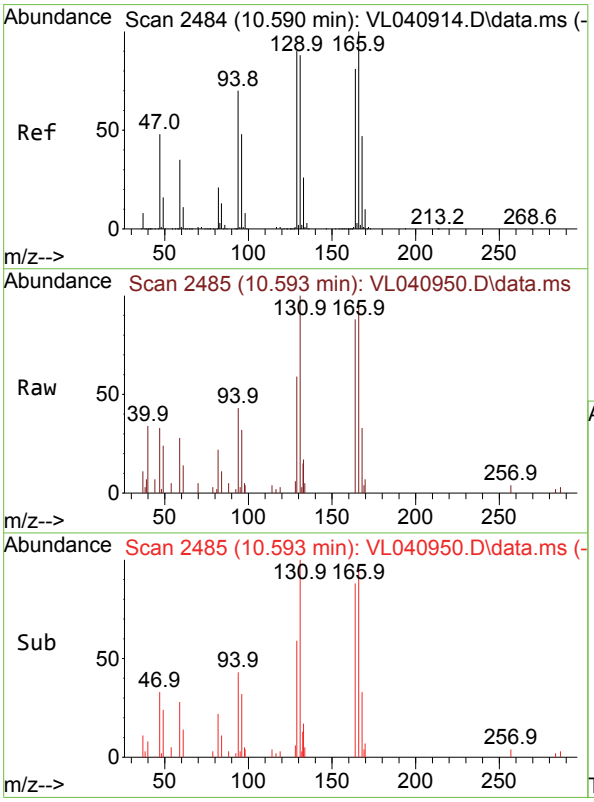
#39
1,2-Dichloropropane
Concen: 7.802 ppbv
RT: 6.639 min Scan# 1
Delta R.T. -0.412 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion: 63 Resp: 754680

Ion	Ratio	Lower	Upper
63	100		
41	0.2	59.0	88.6#
62	17.2	56.6	85.0#

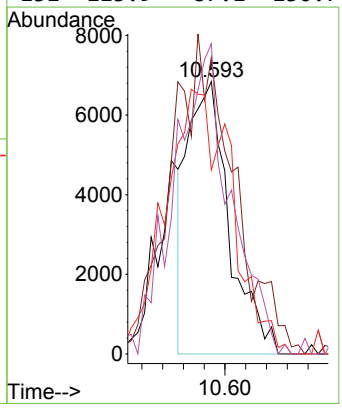


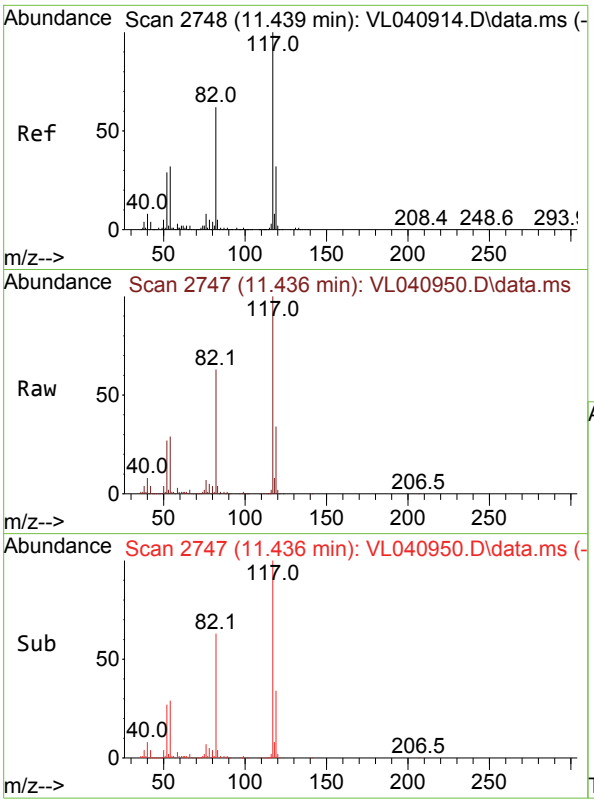


#52
Tetrachloroethene
Concen: 0.114 ppbv
RT: 10.593 min Scan# 2485
Delta R.T. 0.003 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

Tgt Ion:164 Resp: 9484

Ion	Ratio	Lower	Upper
164	100		
166	98.5	98.9	148.3#
129	65.2	88.7	133.1#
131	113.9	87.1	130.7



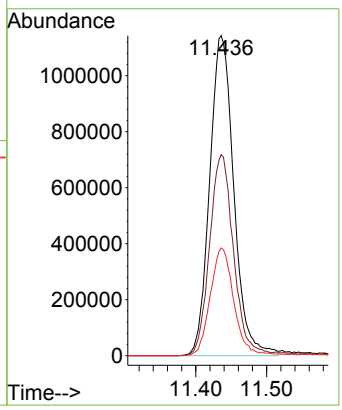


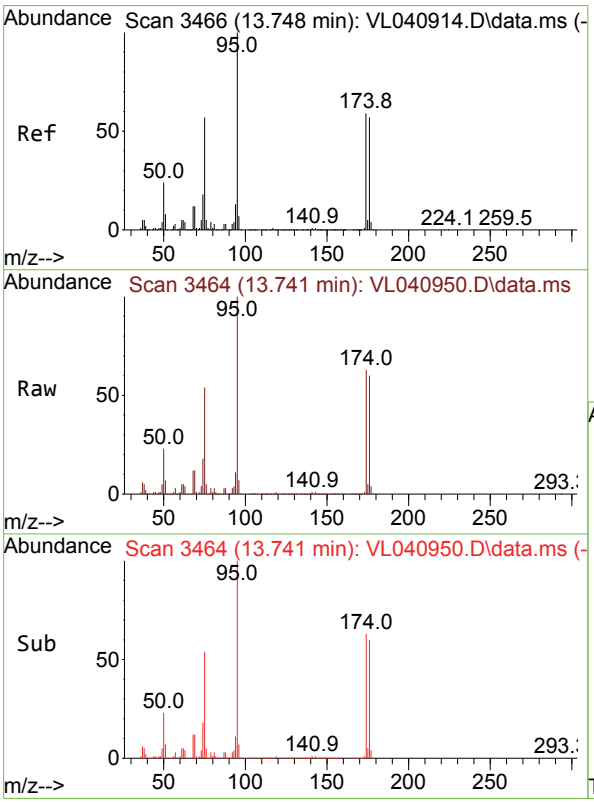
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 2
Delta R.T. -0.003 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion:117 Resp: 2702894

Ion	Ratio	Lower	Upper
117	100		
82	63.5	49.6	74.4
119	33.1	23.4	35.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.802 ppbv
RT: 13.741 min Scan# 3464
Delta R.T. -0.006 min
Lab File: VL040950.D
Acq: 22 Dec 2023 3:58

Tgt Ion: 95 Resp: 1951456

Ion	Ratio	Lower	Upper
95	100		
174	64.4	48.0	72.0
175	4.9	3.7	5.5