Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
Data File : VL040326.D
Acq On : 10 Apr 2023 15:47
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Apr 11 02:07:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Mar 15 16:14:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.163	49	929473	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.626	114	2307038	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.442	117	2055655	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1689642	9.815	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.200%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.649	51	3815	0.033	ppbv	98
4) Chloromethane	2.790	50	2750	0.038	ppbv #	85
13) Ethanol	3.221	45	145	0.044	ppbv #	37
15) Acetone	3.462	43	42862	0.379	ppbv #	86
16) 1,3-Butadiene	2.960	39	1654	0.032	ppbv	91
20) Methylene Chloride	3.903	84	19685	0.414	ppbv #	78
26) Hexane	5.182	57	6160	0.071	ppbv #	47
39) 1,2-Dichloropropane	6.626	63	595655	8.635	ppbv #	25

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

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MSVOA_L
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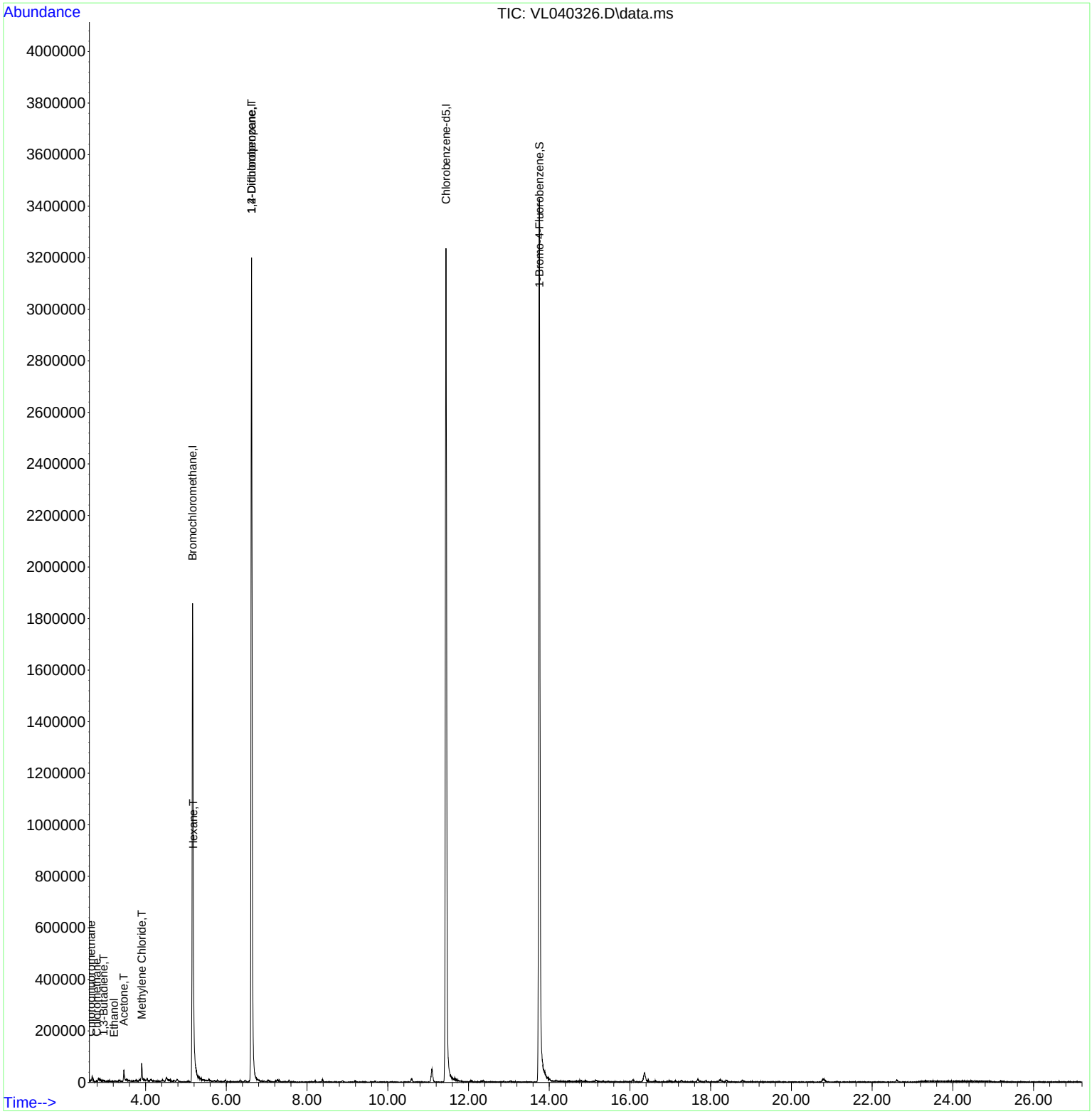
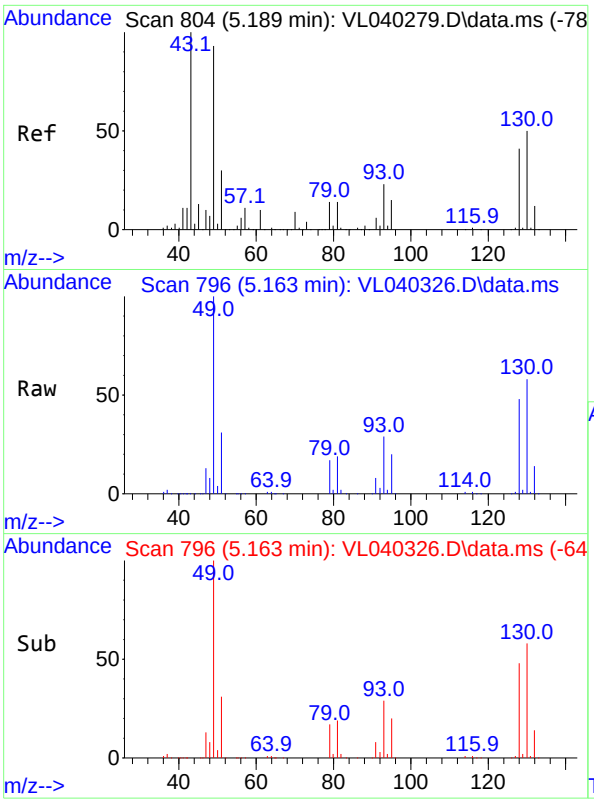
VIBLK

Quant Time: Apr 11 02:07:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Mar 15 16:14:43 2023
Response via : Initial Calibration



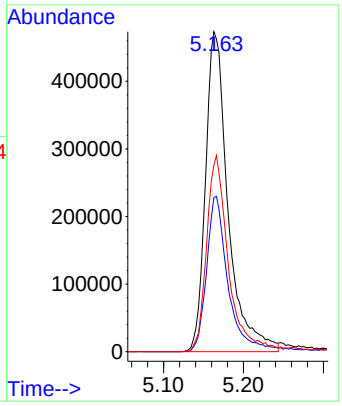


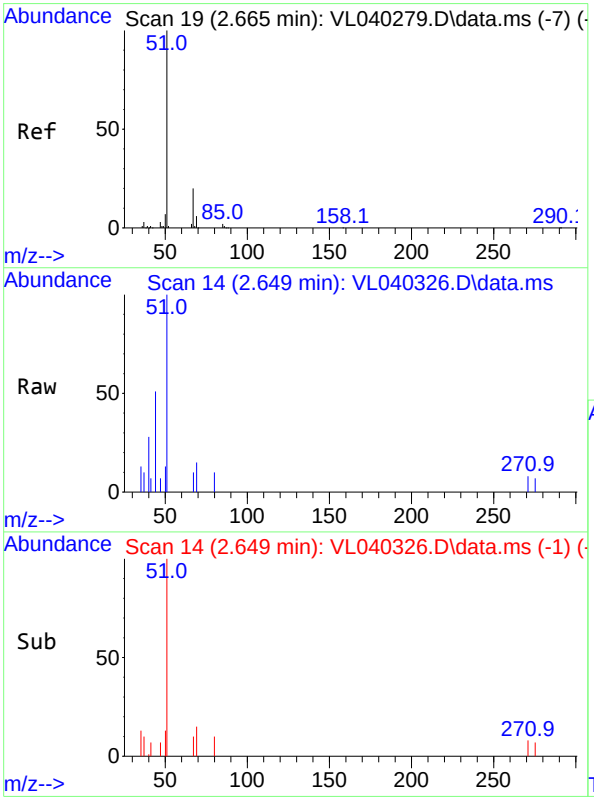
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.163 min Scan# 7
Delta R.T. -0.026 min
Lab File: VL040326.D
Acq: 10 Apr 2023 15:47

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 929473

Ion	Ratio	Lower	Upper
49	100		
128	47.5	22.4	67.3
130	61.7	28.7	86.1

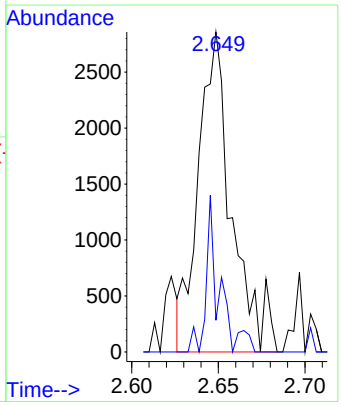


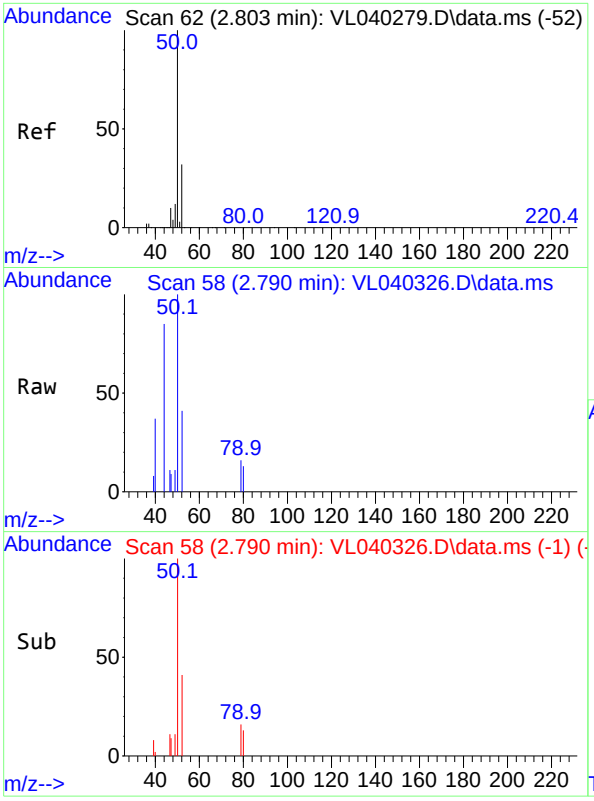


#3
Chlorodifluoromethane
Concen: 0.033 ppbv
RT: 2.649 min Scan# 14
Delta R.T. -0.016 min
Lab File: VL040326.D
Acq: 10 Apr 2023 15:47

Tgt Ion: 51 Resp: 3815

Ion	Ratio	Lower	Upper
51	100		
67	19.2	16.0	24.0



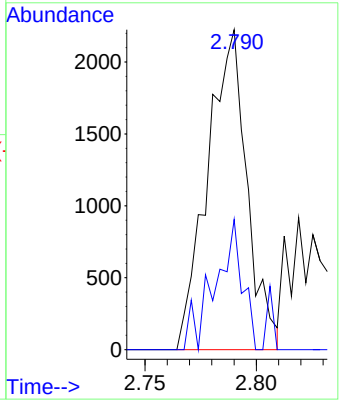


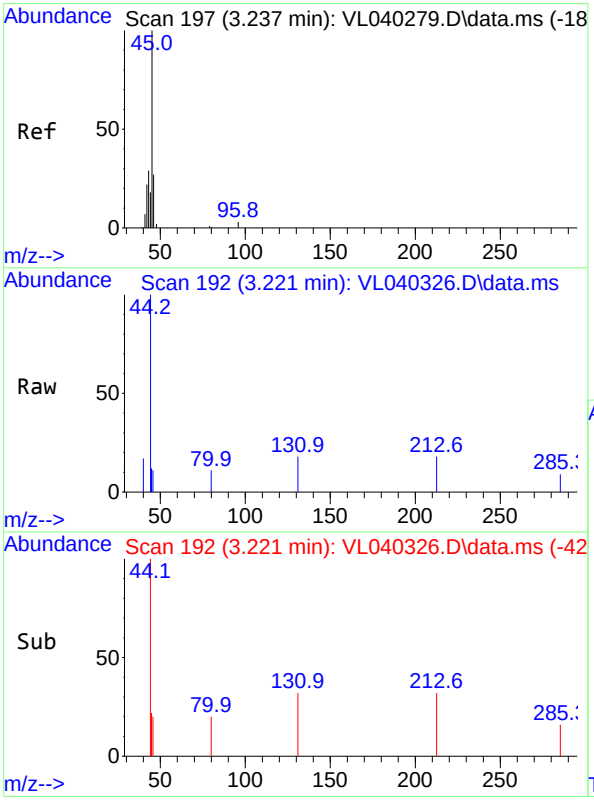
#4
Chloromethane
Concen: 0.038 ppbv
RT: 2.790 min Scan# 5
Delta R.T. -0.013 min
Lab File: VL040326.D
Acq: 10 Apr 2023 15:47

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 50 Resp: 2750

Ion	Ratio	Lower	Upper
50	100		
52	40.7	25.9	38.9#

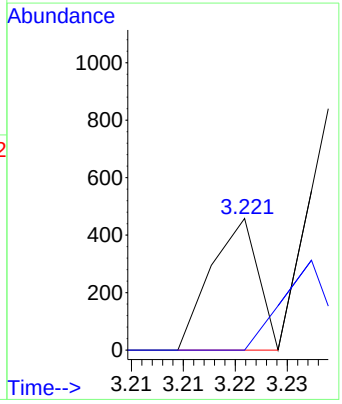


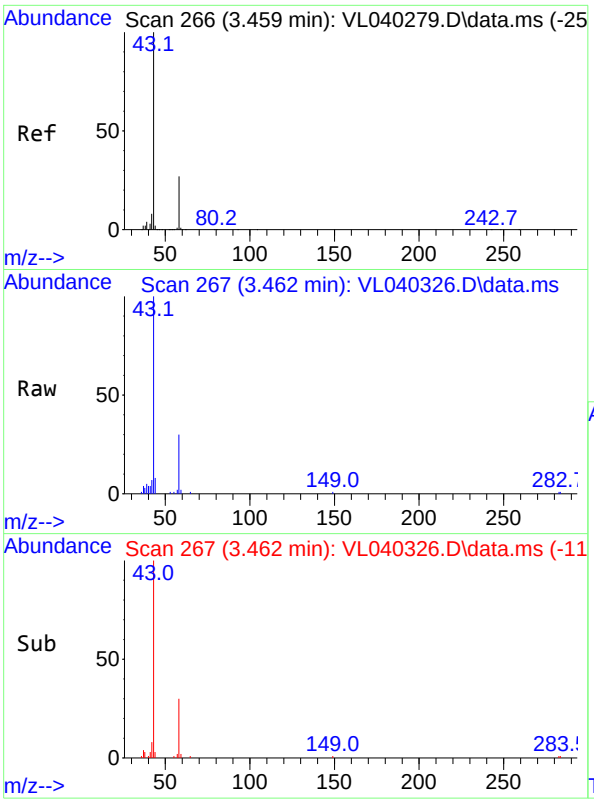


#13
Ethanol
Concen: 0.044 ppbv
RT: 3.221 min Scan# 192
Delta R.T. -0.016 min
Lab File: VL040326.D
Acq: 10 Apr 2023 15:47

Tgt Ion: 45 Resp: 145

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.0	60.2#



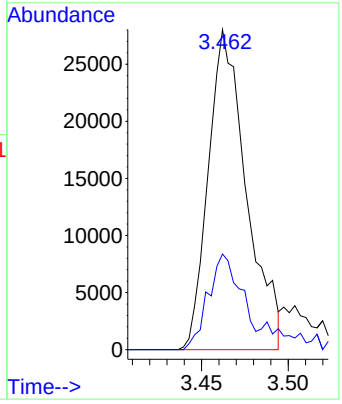


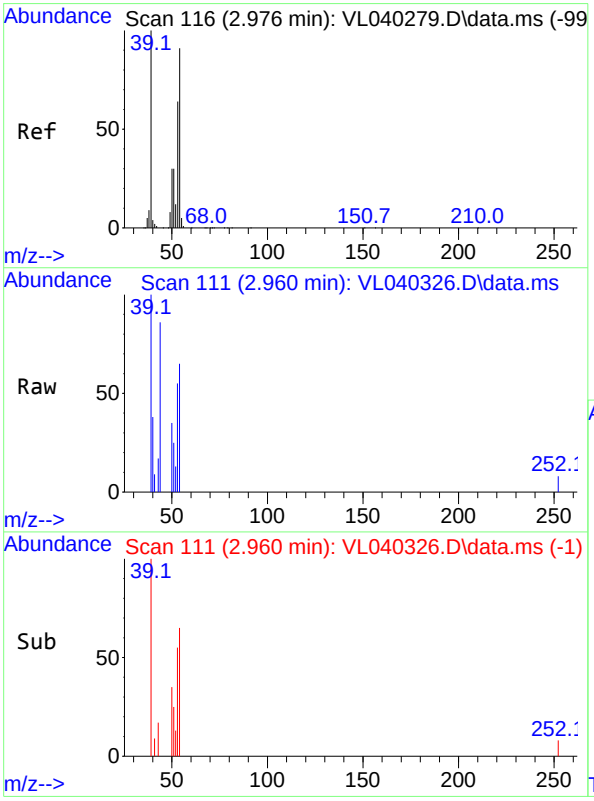
#15
Acetone
Concen: 0.379 ppbv
RT: 3.462 min Scan# 2
Delta R.T. 0.003 min
Lab File: VL040326.D
Acq: 10 Apr 2023 15:47

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 43 Resp: 42862

Ion	Ratio	Lower	Upper
43	100		
58	34.5	21.8	32.8#

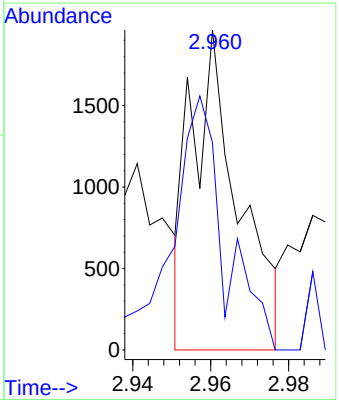


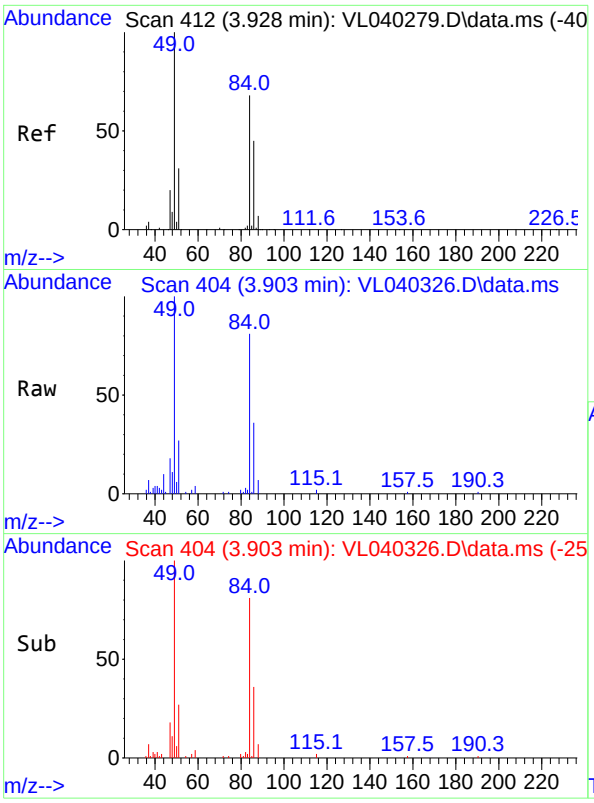


#16
1,3-Butadiene
Concen: 0.032 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.016 min
Lab File: VL040326.D
Acq: 10 Apr 2023 15:47

Tgt Ion: 39 Resp: 1654

Ion	Ratio	Lower	Upper
39	100		
54	93.5	68.4	102.6



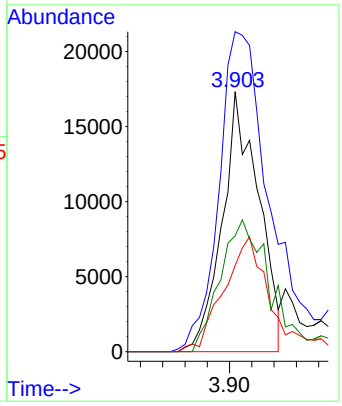


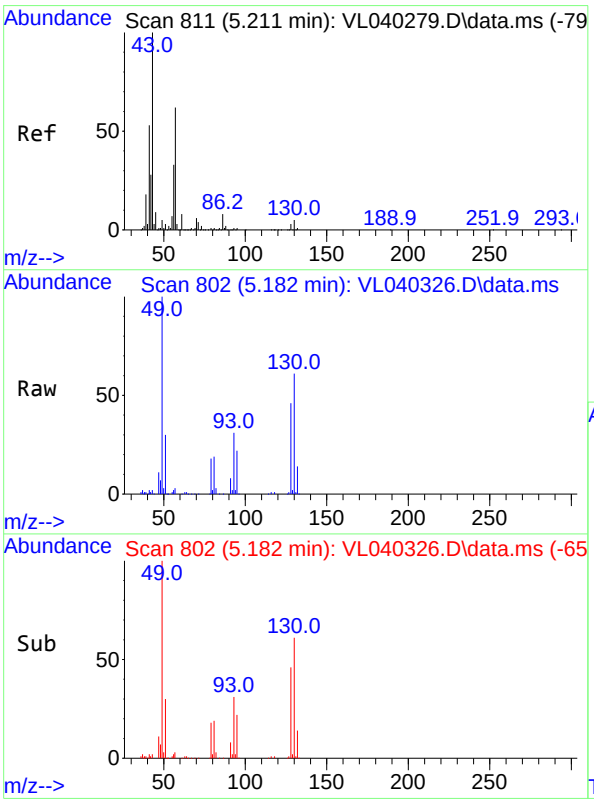
#20
Methylene Chloride
Concen: 0.414 ppbv
RT: 3.903 min Scan# 4
Delta R.T. -0.025 min
Lab File: VL040326.D
Acq: 10 Apr 2023 15:47

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 19685

Ion	Ratio	Lower	Upper
84	100		
49	122.0	117.5	176.3
51	33.1	36.9	55.3#
86	44.6	53.3	79.9#

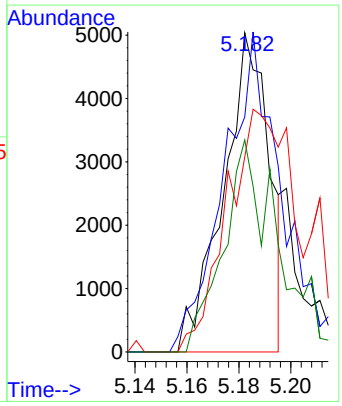


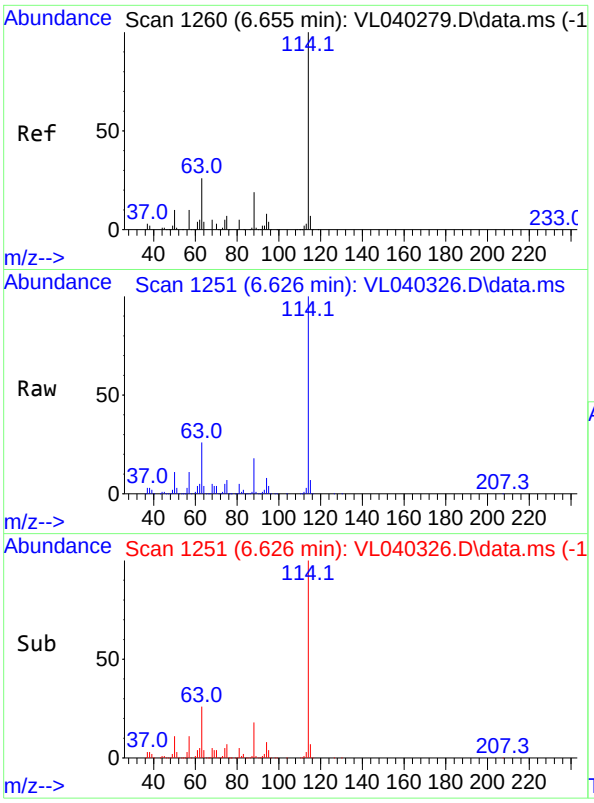


#26
Hexane
Concen: 0.071 ppbv
RT: 5.182 min Scan# 802
Delta R.T. -0.029 min
Lab File: VL040326.D
Acq: 10 Apr 2023 15:47

Tgt Ion: 57 Resp: 6160

Ion	Ratio	Lower	Upper
57	100		
41	128.3	73.5	110.3#
43	138.6	196.3	294.5#
56	79.9	43.8	65.8#



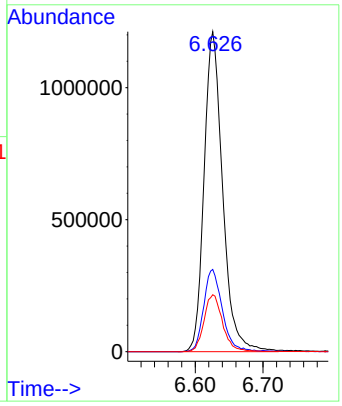


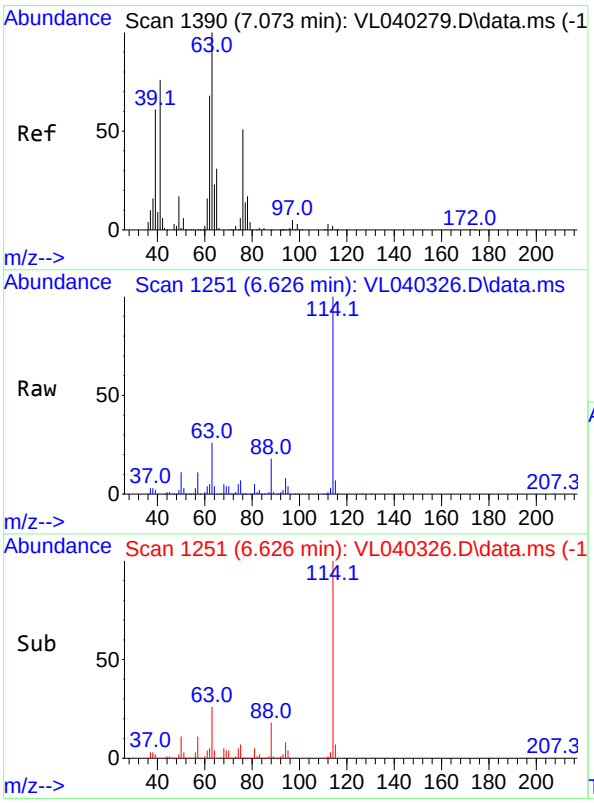
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.626 min Scan# 1
Delta R.T. -0.029 min
Lab File: VL040326.D
Acq: 10 Apr 2023 15:47

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 2307038

Ion	Ratio	Lower	Upper
114	100		
63	26.2	21.2	31.8
88	18.0	14.5	21.7

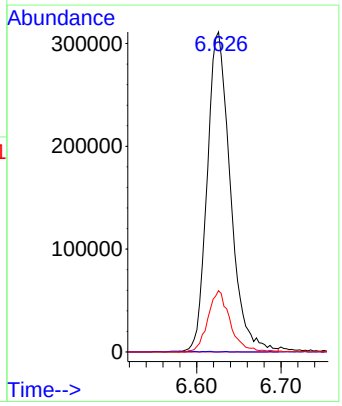


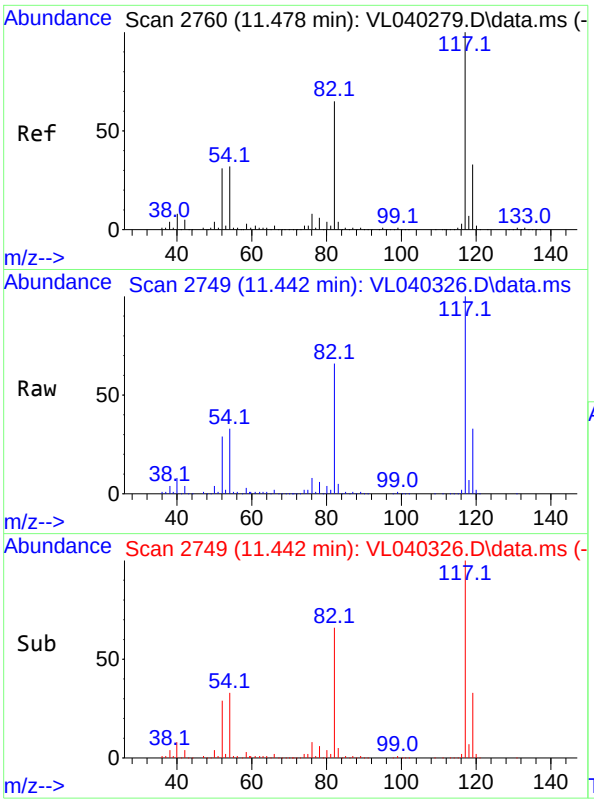


#39
1,2-Dichloropropane
Concen: 8.635 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. -0.447 min
Lab File: VL040326.D
Acq: 10 Apr 2023 15:47

Tgt Ion: 63 Resp: 595655

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	19.2	54.1	81.1#



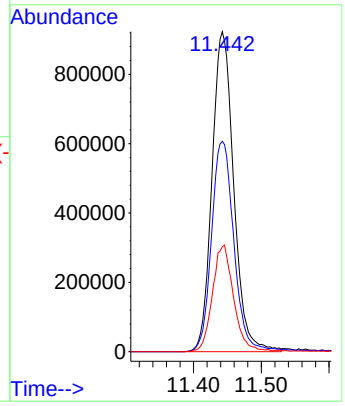


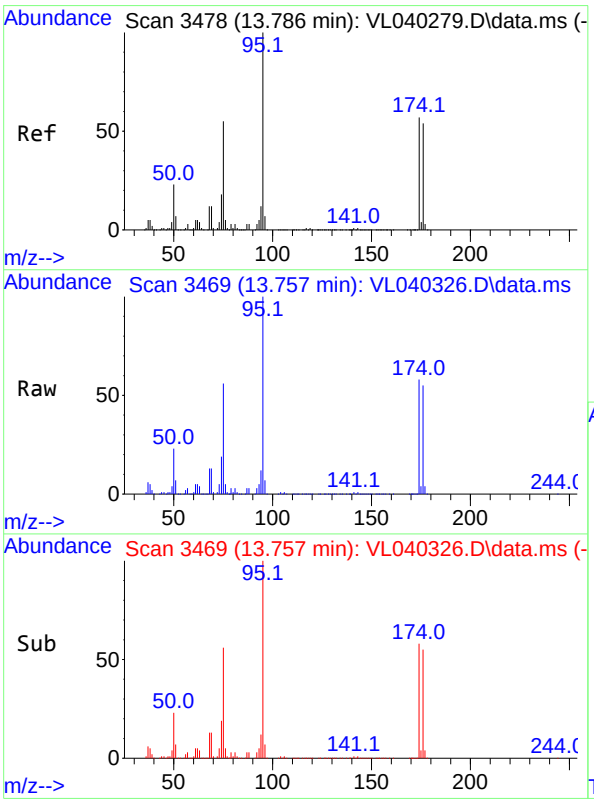
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2
Delta R.T. -0.036 min
Lab File: VL040326.D
Acq: 10 Apr 2023 15:47

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2055655

Ion	Ratio	Lower	Upper
117	100		
82	68.6	51.4	77.2
119	32.8	24.0	36.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.815 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.029 min
Lab File: VL040326.D
Acq: 10 Apr 2023 15:47

Tgt Ion: 95 Resp: 1689642

Ion	Ratio	Lower	Upper
95	100		
174	59.6	47.0	70.6
175	4.2	3.4	5.2