Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
Data File : VL040125.D
Acq On : 19 Jan 2023 22:44
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Jan 20 02:11:18 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Mon Jan 16 14:40:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.208	49	935453	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.674	114	2585760	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.494	117	2278189	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.809	95	1794827	9.479	ppbv	0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.800%			
Target Compounds						Qvalue
13) Ethanol	3.269	45	2671	0.623	ppbv #	62
15) Acetone	3.497	43	11442	0.102	ppbv	91
20) Methylene Chloride	3.944	84	18700	0.378	ppbv	93
26) Hexane	5.227	57	8527	0.099	ppbv #	42
39) 1,2-Dichloropropane	6.671	63	637438	8.517	ppbv #	22

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

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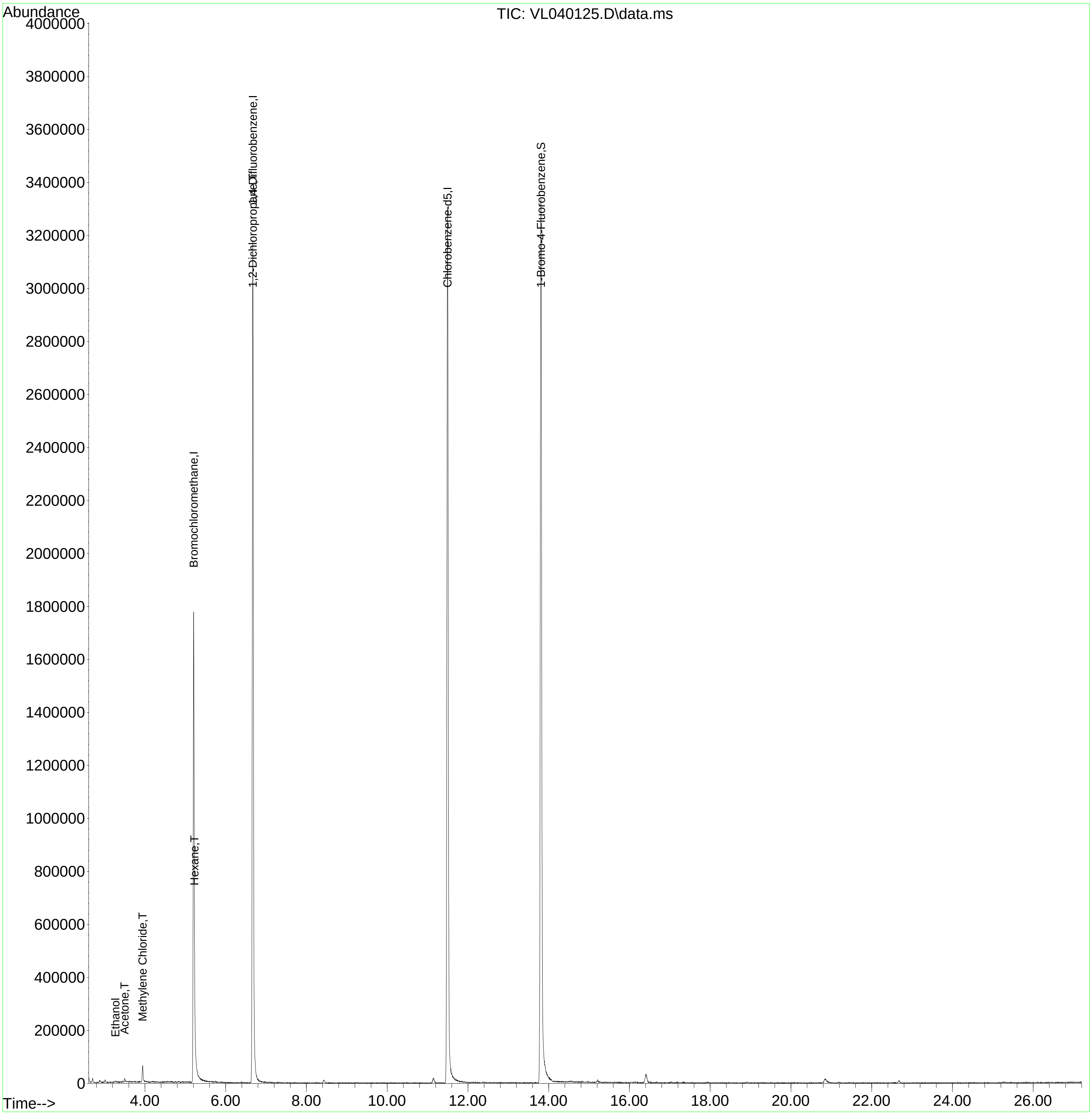
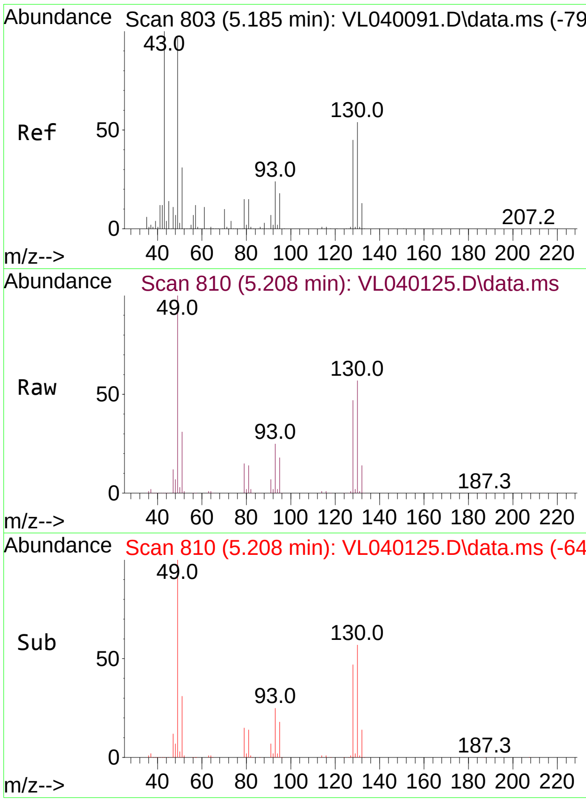


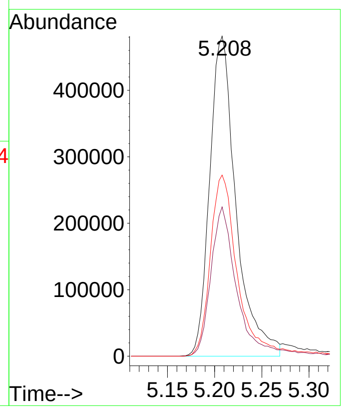


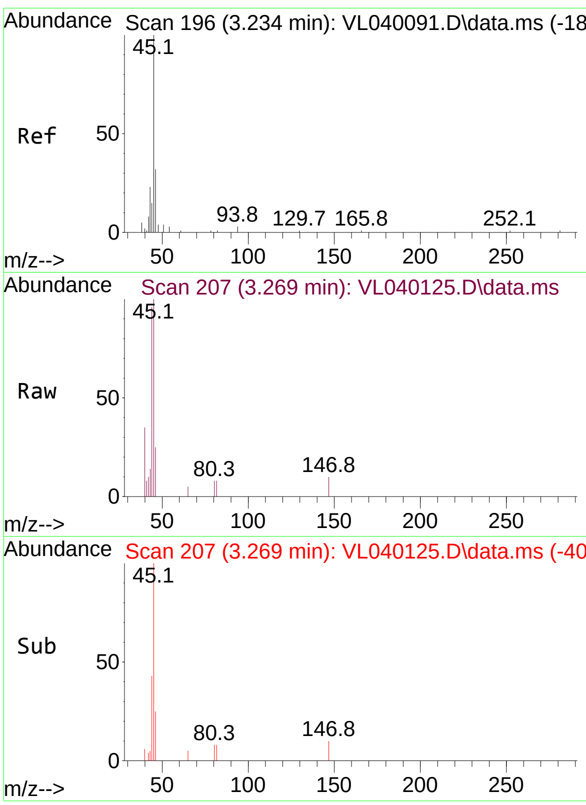
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.023 min
Lab File: VL040125.D
Acq: 19 Jan 2023 22:44

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 935453

Ion	Ratio	Lower	Upper
49	100		
128	47.8	23.6	71.0
130	60.3	29.8	89.3

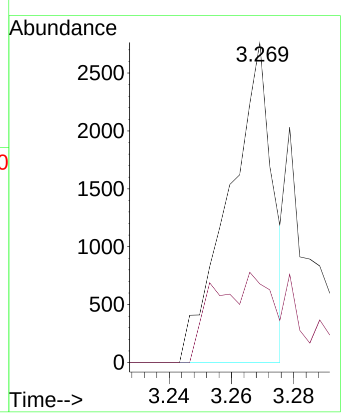


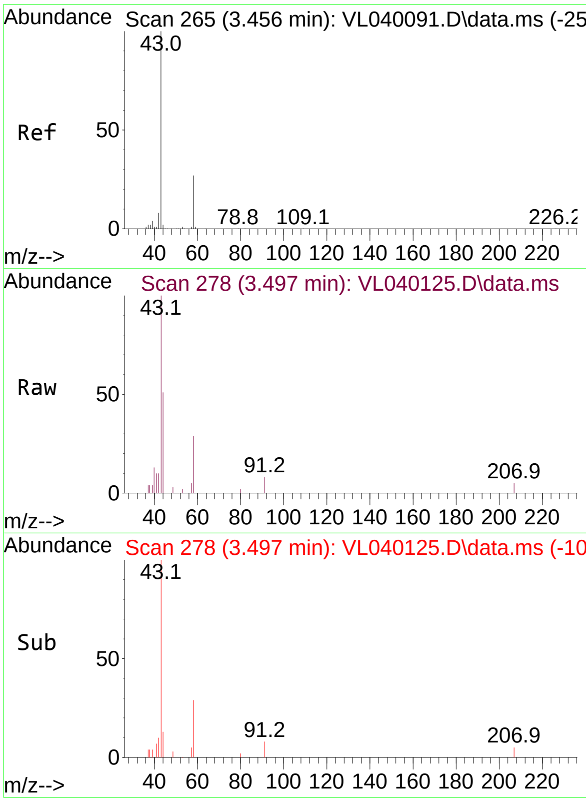


#13
Ethanol
Concen: 0.623 ppbv
RT: 3.269 min Scan# 207
Delta R.T. 0.035 min
Lab File: VL040125.D
Acq: 19 Jan 2023 22:44

Tgt Ion: 45 Resp: 2671

Ion	Ratio	Lower	Upper
45	100		
46	59.4	14.8	59.2#





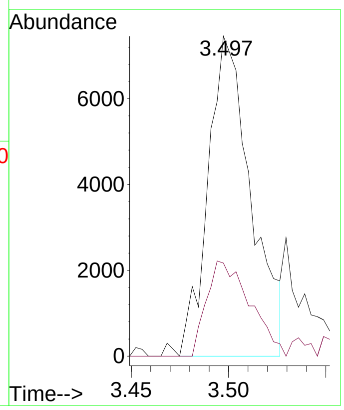
#15
Acetone
Concen: 0.102 ppbv
RT: 3.497 min Scan# 2

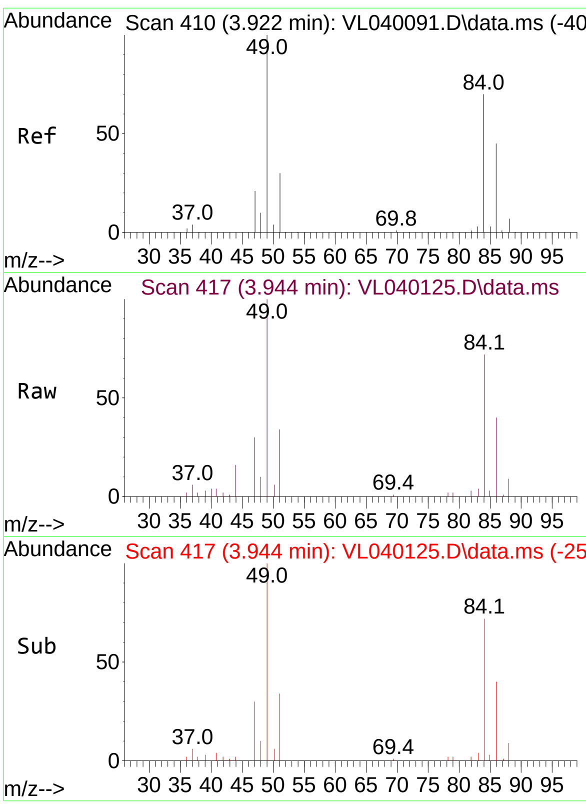
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Delta R.T. 0.042 min
Lab File: VL040125.D
Acq: 19 Jan 2023 22:44

Tgt Ion: 43 Resp: 11442

Ion	Ratio	Lower	Upper
43	100		
58	31.8	21.8	32.8

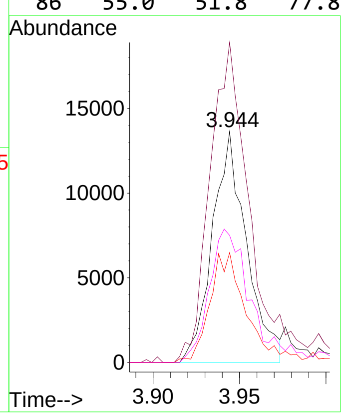


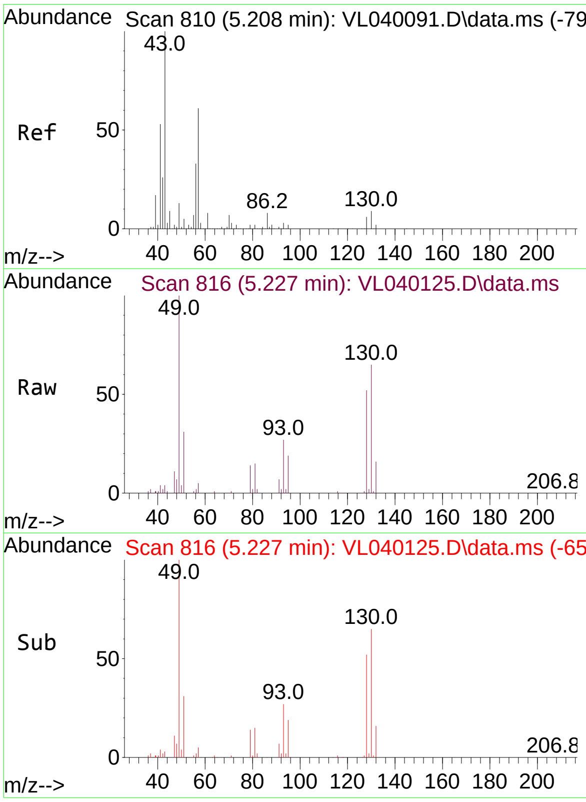


#20
Methylene Chloride
Concen: 0.378 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.023 min
Lab File: VL040125.D
Acq: 19 Jan 2023 22:44

Tgt Ion: 84 Resp: 18700

Ion	Ratio	Lower	Upper
84	100		
49	136.0	114.6	171.8
51	46.0	34.3	51.5
86	55.0	51.8	77.8





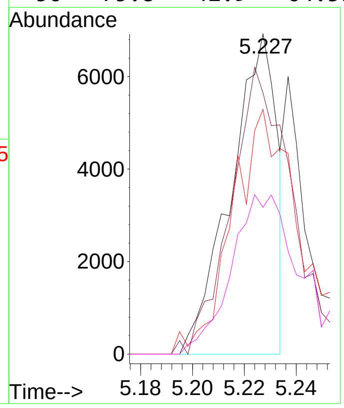
#26
Hexane
Concen: 0.099 ppbv
RT: 5.227 min Scan# 8

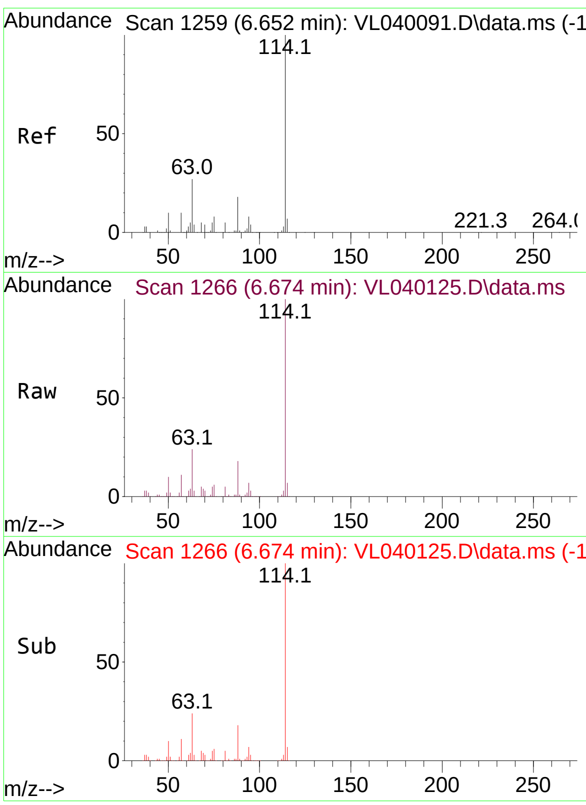
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Delta R.T. 0.019 min
Lab File: VL040125.D
Acq: 19 Jan 2023 22:44

Tgt Ion: 57 Resp: 8527

Ion	Ratio	Lower	Upper
57	100		
41	124.0	72.2	108.4#
43	117.2	192.1	288.1#
56	75.8	42.9	64.3#

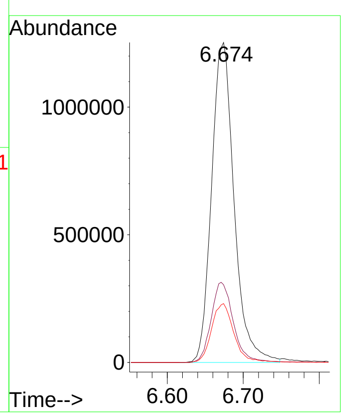


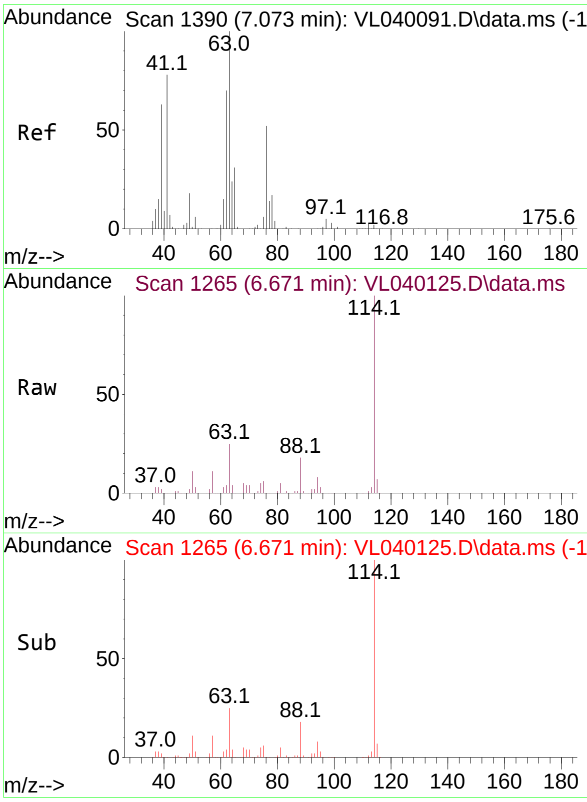


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 1266
Delta R.T. 0.023 min
Lab File: VL040125.D
Acq: 19 Jan 2023 22:44

Tgt Ion:114 Resp: 2585760

Ion	Ratio	Lower	Upper
114	100		
63	24.8	21.8	32.8
88	18.3	14.8	22.2



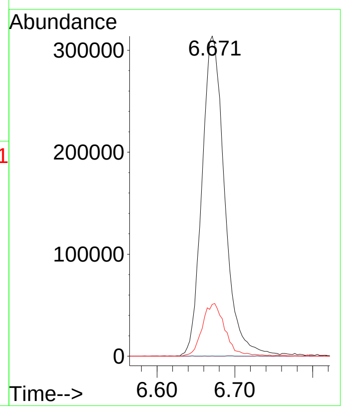


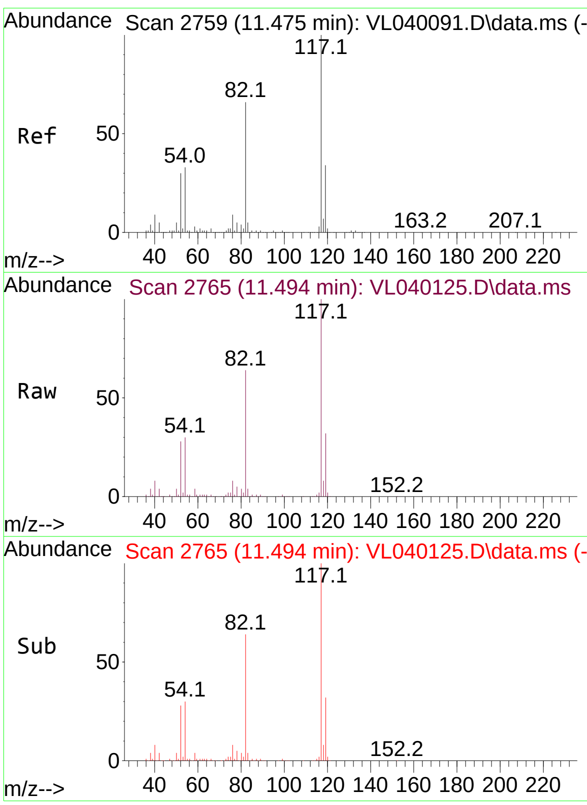
#39
1,2-Dichloropropane
Concen: 8.517 ppbv
RT: 6.671 min Scan# 1
Delta R.T. -0.402 min
Lab File: VL040125.D
Acq: 19 Jan 2023 22:44

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 63 Resp: 637438

Ion	Ratio	Lower	Upper
63	100		
41	0.1	62.2	93.4#
62	16.2	55.8	83.8#

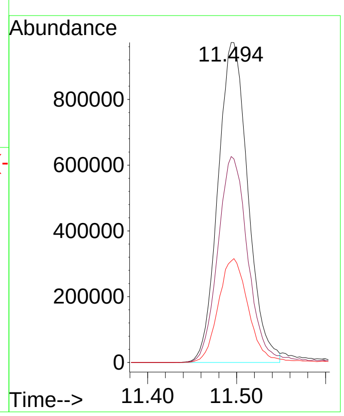


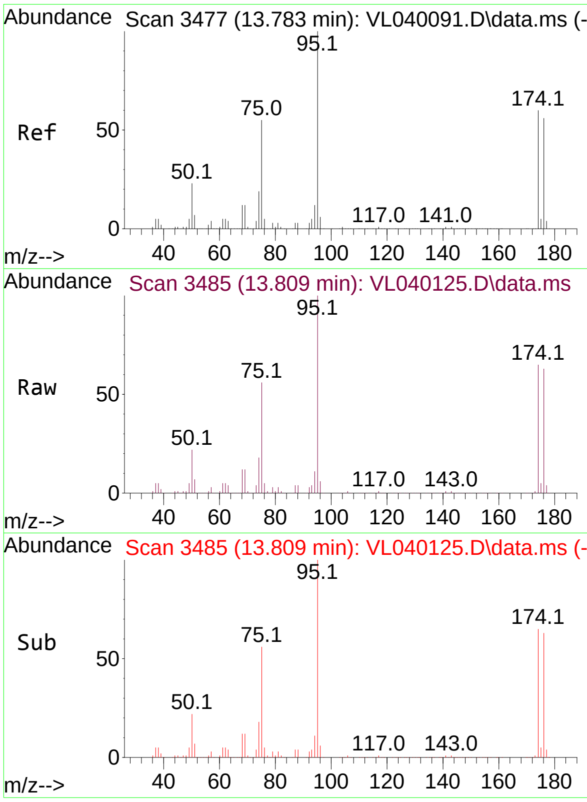


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. 0.019 min
Lab File: VL040125.D
Acq: 19 Jan 2023 22:44

Tgt Ion:117 Resp: 2278189

Ion	Ratio	Lower	Upper
117	100		
82	65.9	54.4	81.6
119	33.1	26.8	40.2





#68
1-Bromo-4-Fluorobenzene
Concen: 9.479 ppbv
RT: 13.809 min Scan# 34
Delta R.T. 0.026 min
Lab File: VL040125.D
Acq: 19 Jan 2023 22:44

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 1794827

Ion	Ratio	Lower	Upper
95	100		
174	66.1	47.7	71.5
175	4.7	3.4	5.2