Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
Data File : VL039998.D
Acq On : 13 Dec 2022 5:32
Operator : SY/MD
Sample : N5969-03DL2 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-2DL2

Quant Time: Dec 13 07:15:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Fri Dec 02 23:21:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.172	49	828972	10.000	ppbv		0.02
33) 1,4-Difluorobenzene	6.632	114	2586988	10.000	ppbv		0.01
55) Chlorobenzene-d5	11.449	117	2348150	10.000	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.757	95	1816617	10.129	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.300%				
Target Compounds							Qvalue
9) Propene	2.684	41	3717	0.069	ppbv		93
13) Ethanol	3.224	45	347	0.084	ppbv	#	38
15) Acetone	3.465	43	63350	0.576	ppbv		93
20) Methylene Chloride	3.912	84	22782	0.428	ppbv		86
23) Vinyl Acetate	4.607	43	1211	0.027	ppbv	#	43
25) Ethyl Acetate	5.195	43	8302	0.041	ppbv	#	75
26) Hexane	5.192	57	7025	0.080	ppbv	#	48
39) 1,2-Dichloropropane	6.629	63	652237	7.613	ppbv	#	26

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

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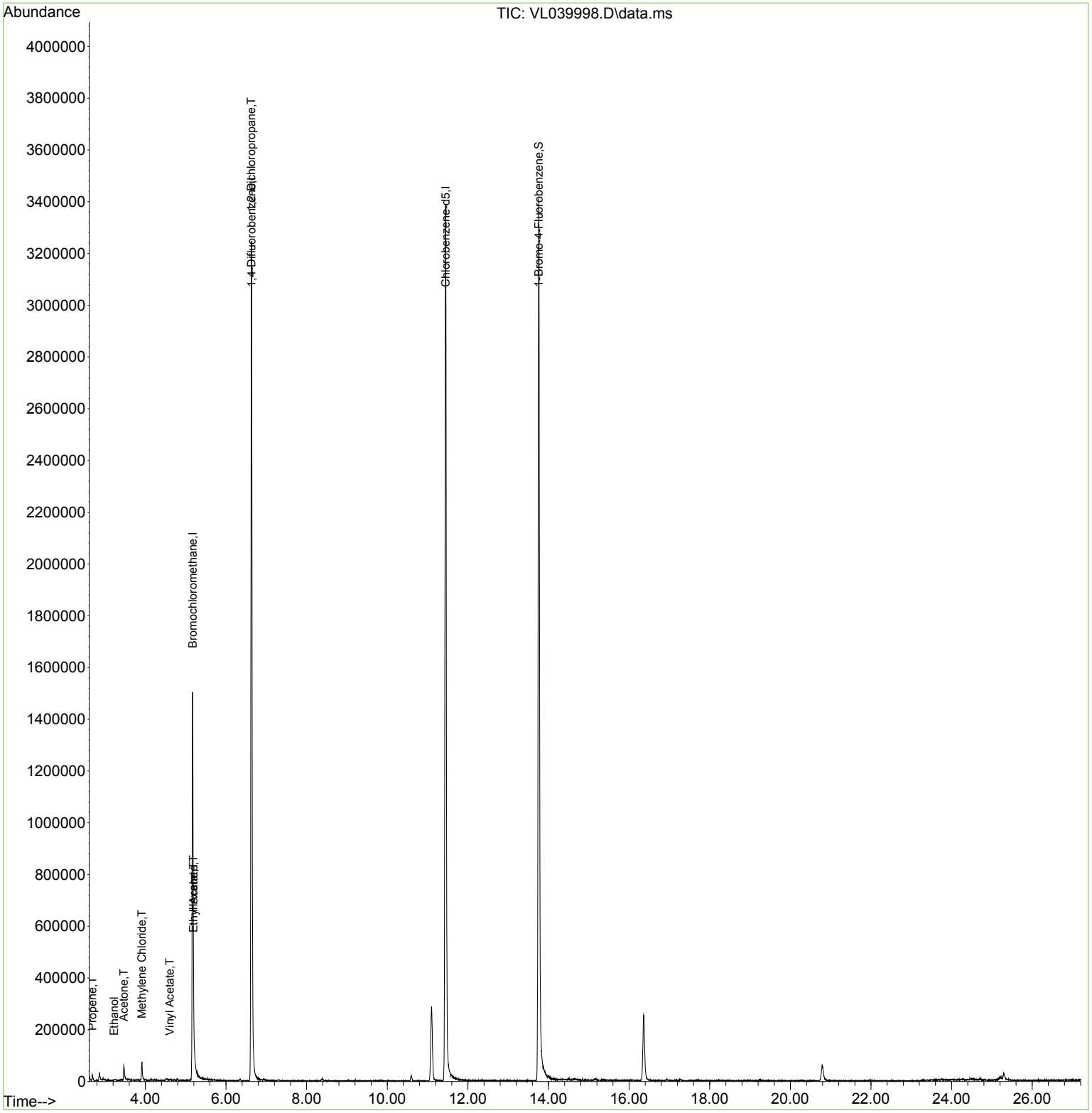
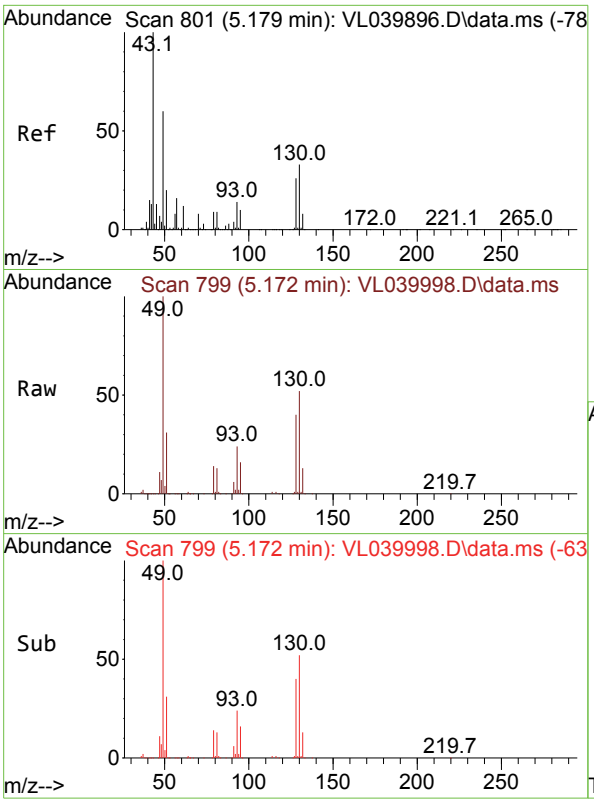


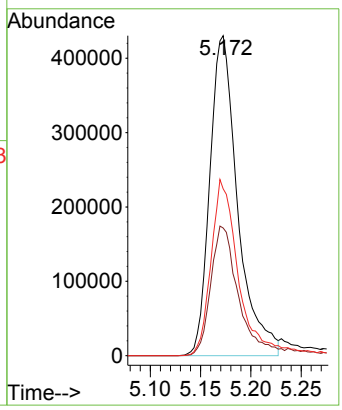


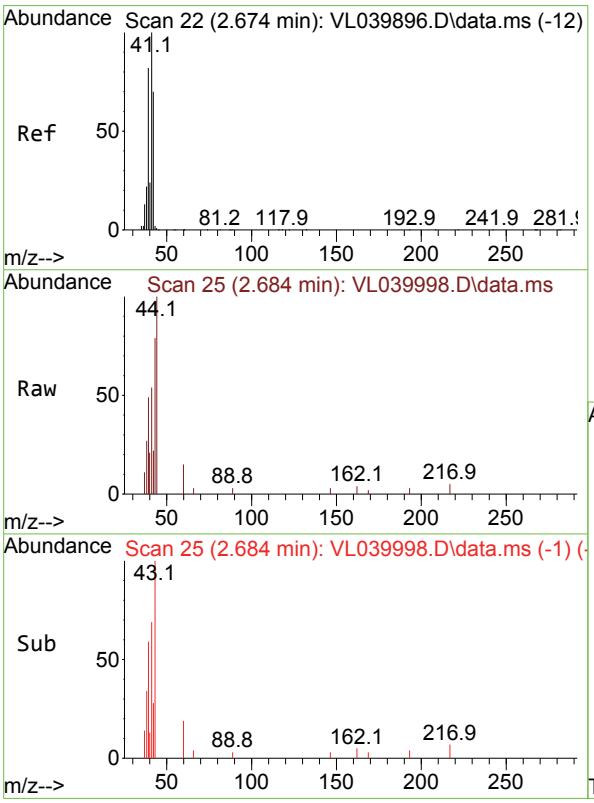
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 7
Delta R.T. 0.016 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Instrument :
MSVOA_L
ClientSampleId :
SG-2DL2

Tgt Ion: 49 Resp: 828972

Ion	Ratio	Lower	Upper
49	100		
128	43.5	22.1	66.3
130	57.2	27.7	83.1

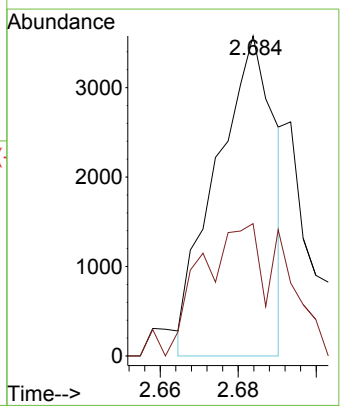


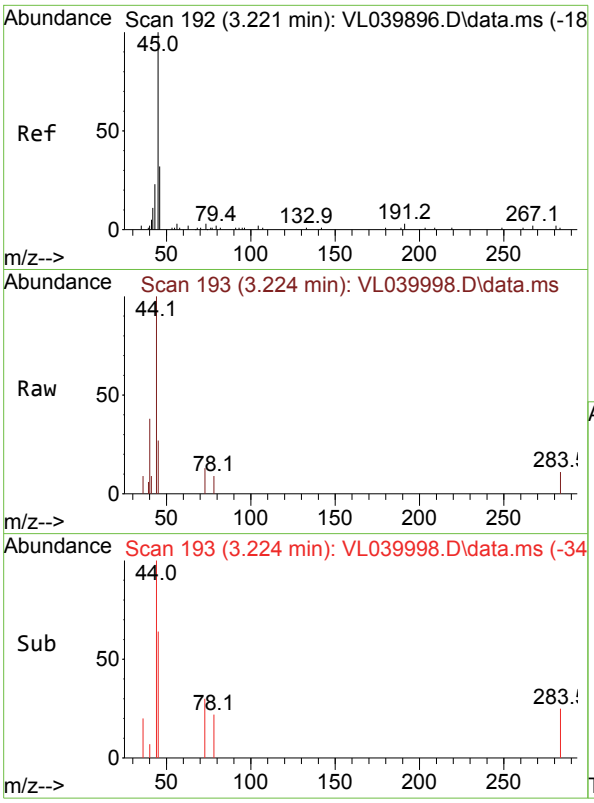


#9
Propene
Concen: 0.069 ppbv
RT: 2.684 min Scan# 25
Delta R.T. 0.023 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Tgt Ion: 41 Resp: 3717

Ion	Ratio	Lower	Upper
41	100		
42	63.6	55.8	83.6



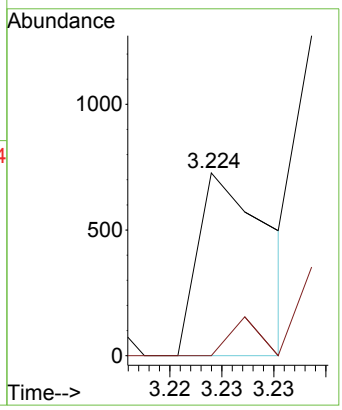


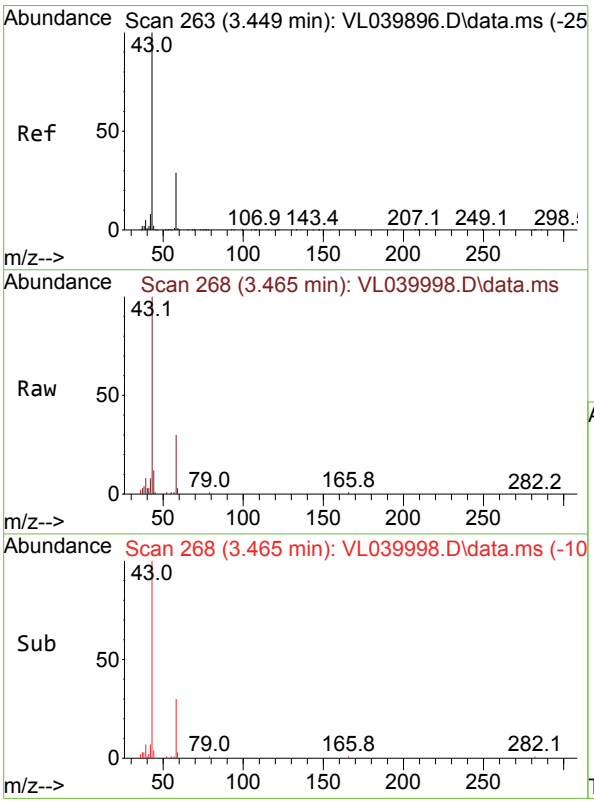
#13
Ethanol
Concen: 0.084 ppbv
RT: 3.224 min Scan# 1
Delta R.T. 0.010 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Instrument :
MSVOA_L
ClientSampleId :
SG-2DL2

Tgt Ion: 45 Resp: 347

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.6	58.2#

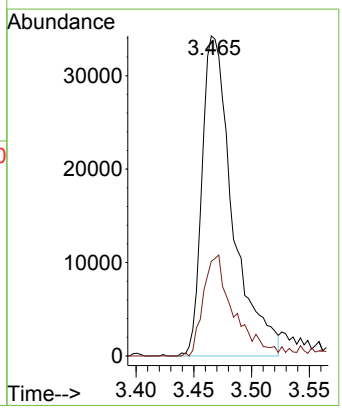


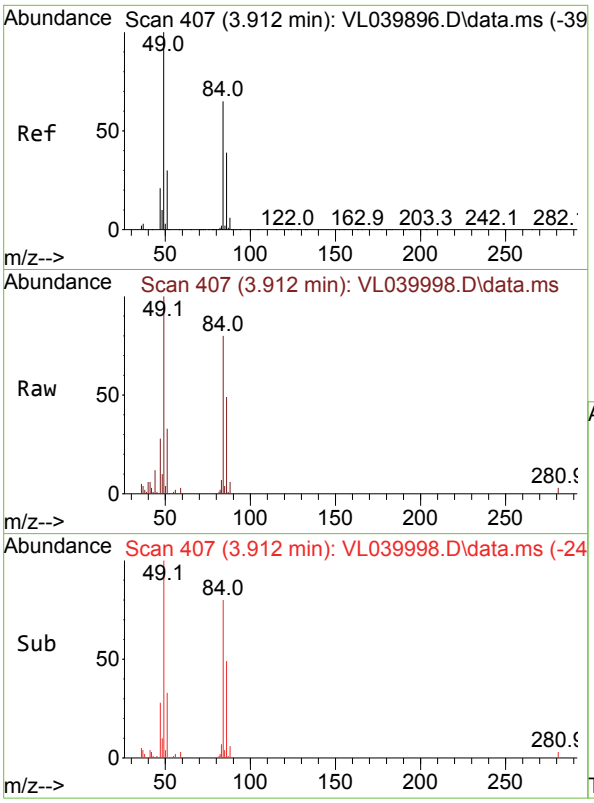


#15
Acetone
Concen: 0.576 ppbv
RT: 3.465 min Scan# 268
Delta R.T. 0.032 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Tgt Ion: 43 Resp: 63350

Ion	Ratio	Lower	Upper
43	100		
58	32.5	22.9	34.3



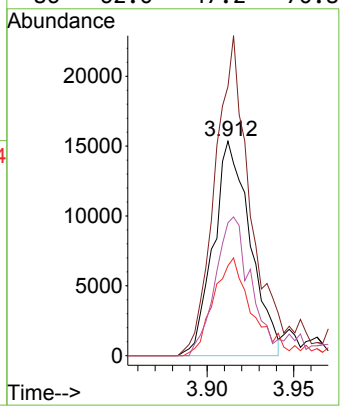


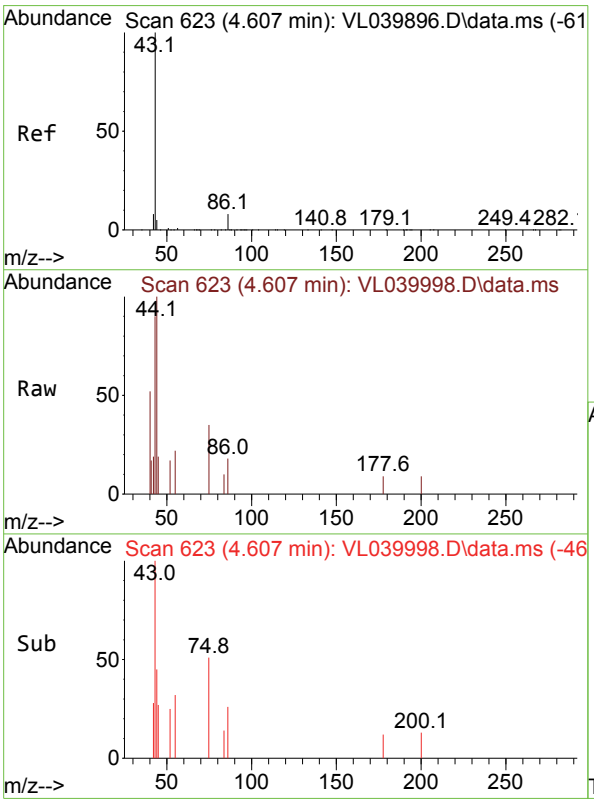
#20
Methylene Chloride
Concen: 0.428 ppbv
RT: 3.912 min Scan# 4
Delta R.T. 0.016 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Instrument :
MSVOA_L
ClientSampleId :
SG-2DL2

Tgt Ion: 84 Resp: 22782

Ion	Ratio	Lower	Upper
84	100		
49	125.5	122.2	183.4
51	41.9	36.3	54.5
86	62.0	47.2	70.8

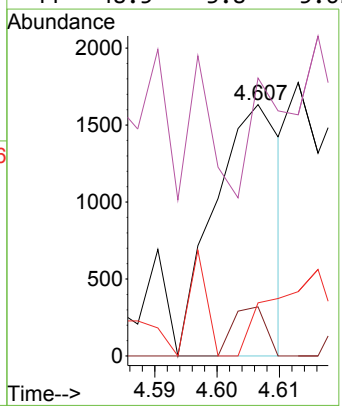


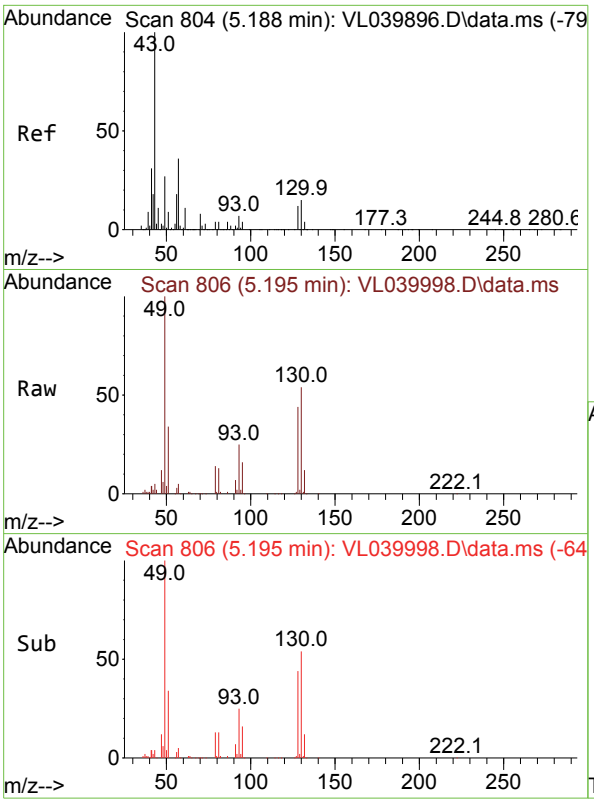


#23
Vinyl Acetate
Concen: 0.027 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.013 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Tgt Ion: 43 Resp: 1211

Ion	Ratio	Lower	Upper
43	100		
86	19.5	5.0	7.4#
42	21.1	7.6	11.4#
44	48.5	3.8	5.6#



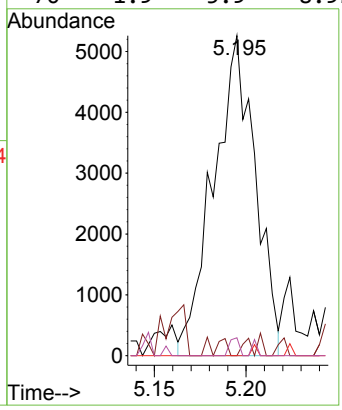


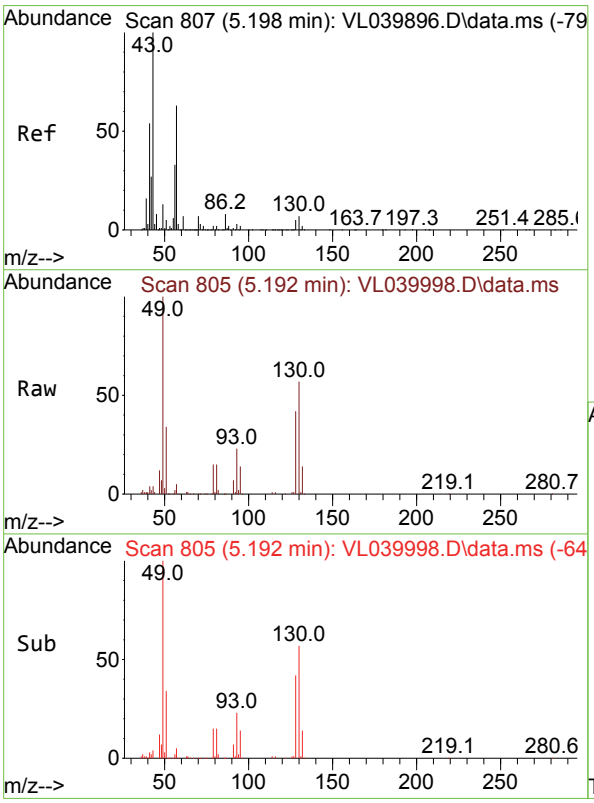
#25
Ethyl Acetate
Concen: 0.041 ppbv
RT: 5.195 min Scan# 8
Delta R.T. 0.026 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Instrument :
MSVOA_L
ClientSampleId :
SG-2DL2

Tgt Ion: 43 Resp: 8302

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.4	12.6#
61	0.0	8.5	12.7#
70	1.9	5.9	8.9#

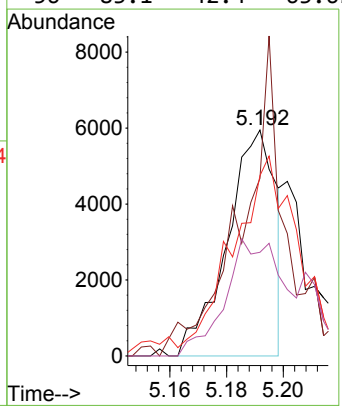


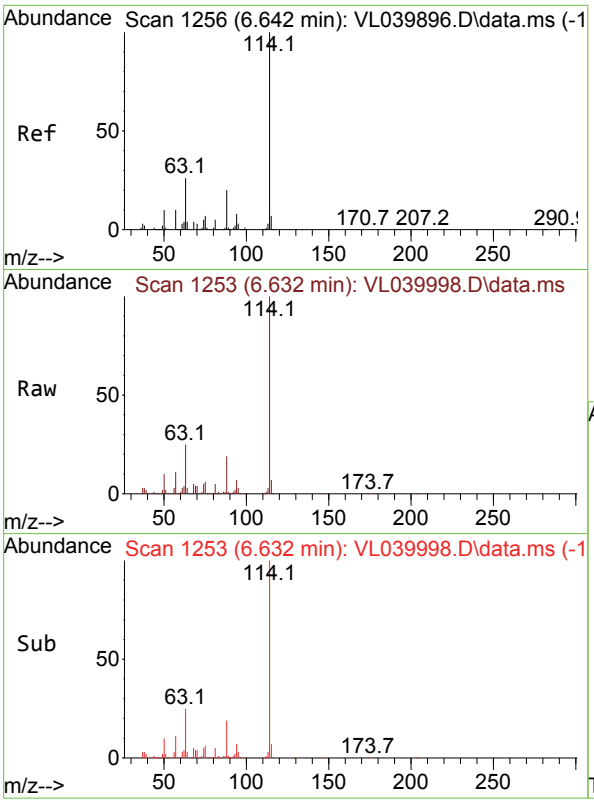


#26
Hexane
Concen: 0.080 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.016 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Tgt Ion: 57 Resp: 7025

Ion	Ratio	Lower	Upper
57	100		
41	145.6	72.3	108.5#
43	149.4	188.7	283.1#
56	83.1	42.4	63.6#



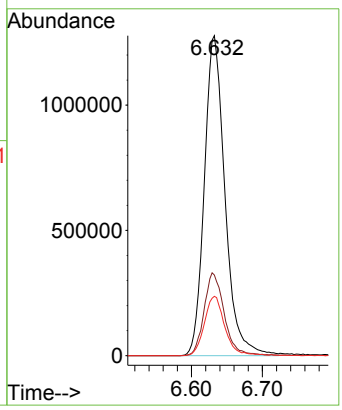


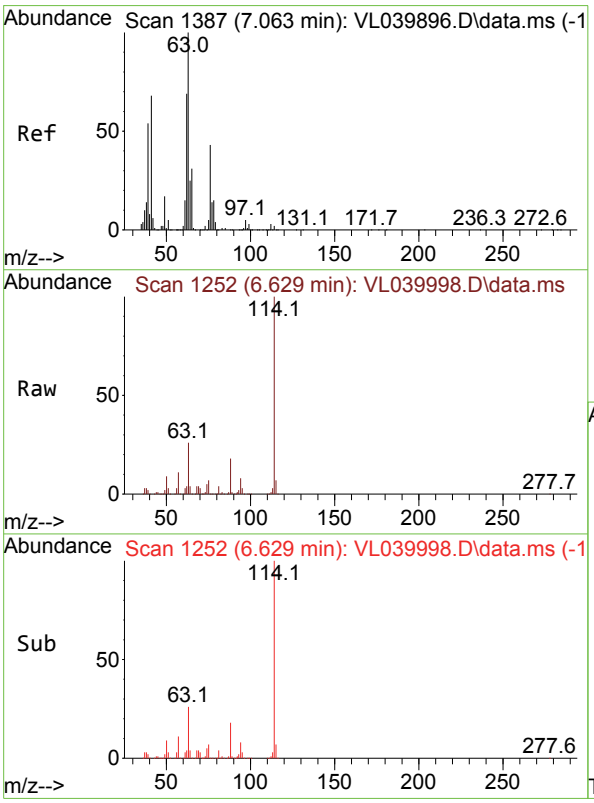
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1
Delta R.T. 0.013 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Instrument :
MSVOA_L
ClientSampleId :
SG-2DL2

Tgt Ion:114 Resp: 2586988

Ion	Ratio	Lower	Upper
114	100		
63	25.6	21.4	32.0
88	18.5	15.3	22.9

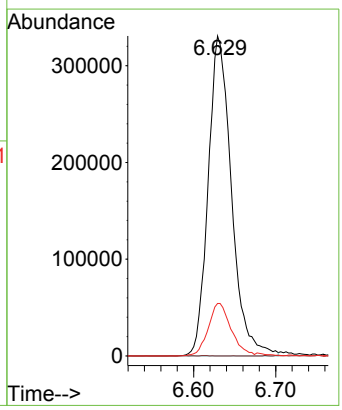


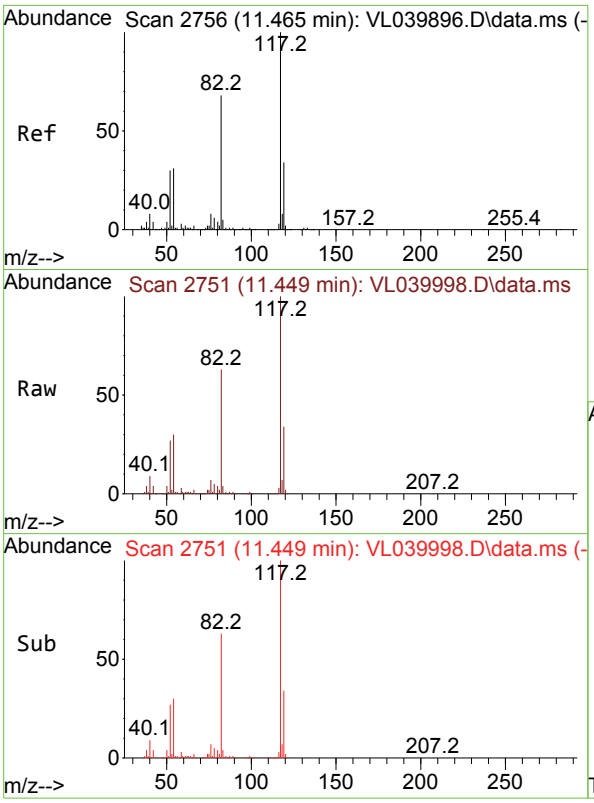


#39
1,2-Dichloropropane
Concen: 7.613 ppbv
RT: 6.629 min Scan# 1252
Delta R.T. -0.405 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Tgt Ion: 63 Resp: 652237

Ion	Ratio	Lower	Upper
63	100		
41	0.0	54.7	82.1#
62	16.4	55.0	82.6#



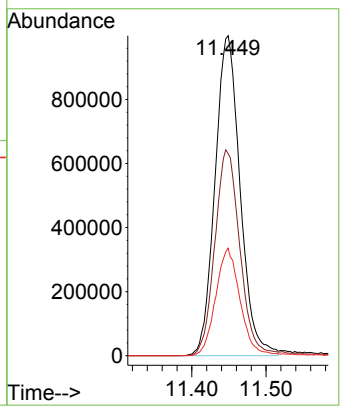


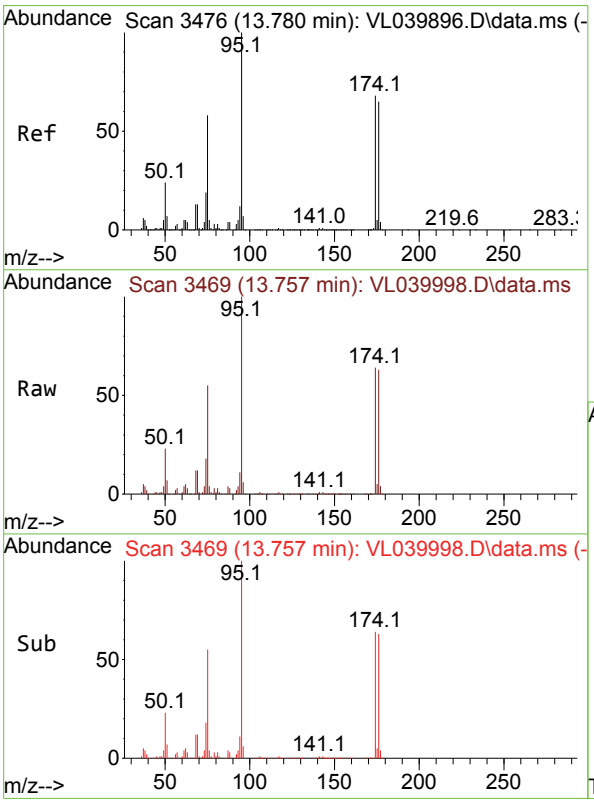
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 2
Delta R.T. 0.016 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Instrument :
MSVOA_L
ClientSampleId :
SG-2DL2

Tgt Ion:117 Resp: 2348150

Ion	Ratio	Lower	Upper
117	100		
82	65.0	52.3	78.5
119	33.1	25.7	38.5





#68
1-Bromo-4-Fluorobenzene
Concen: 10.129 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. 0.016 min
Lab File: VL039998.D
Acq: 13 Dec 2022 5:32

Tgt Ion: 95 Resp: 1816617

Ion	Ratio	Lower	Upper
95	100		
174	67.5	53.7	80.5
175	4.8	4.0	6.0