Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL062922\
Data File : VL039404.D
Acq On : 29 Jun 2022 20:17
Operator : SY/AP
Sample : QC062022 CAN 10448
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC062022 CAN 10448

Quant Time: Jun 30 05:42:52 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jun 30 05:40:11 2022
QLast Update : Thu Jun 30 05:40:11 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1230429	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3492494	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2959658	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2238226	10.19	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.90%			
Target Compounds						Qvalue
9) Propene	3.02	41	6164	0.09	ppbv	# 76
13) Ethanol	3.63	45	156	0.04	ppbv	# 51
20) Methylene Chloride	4.33	84	1646	0.03	ppbv	# 57
30) Cyclohexane	7.14	84	3337	0.03	ppbv	# 1
39) 1,2-Dichloropropane	7.16	63	833325	8.25	ppbv	# 25

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

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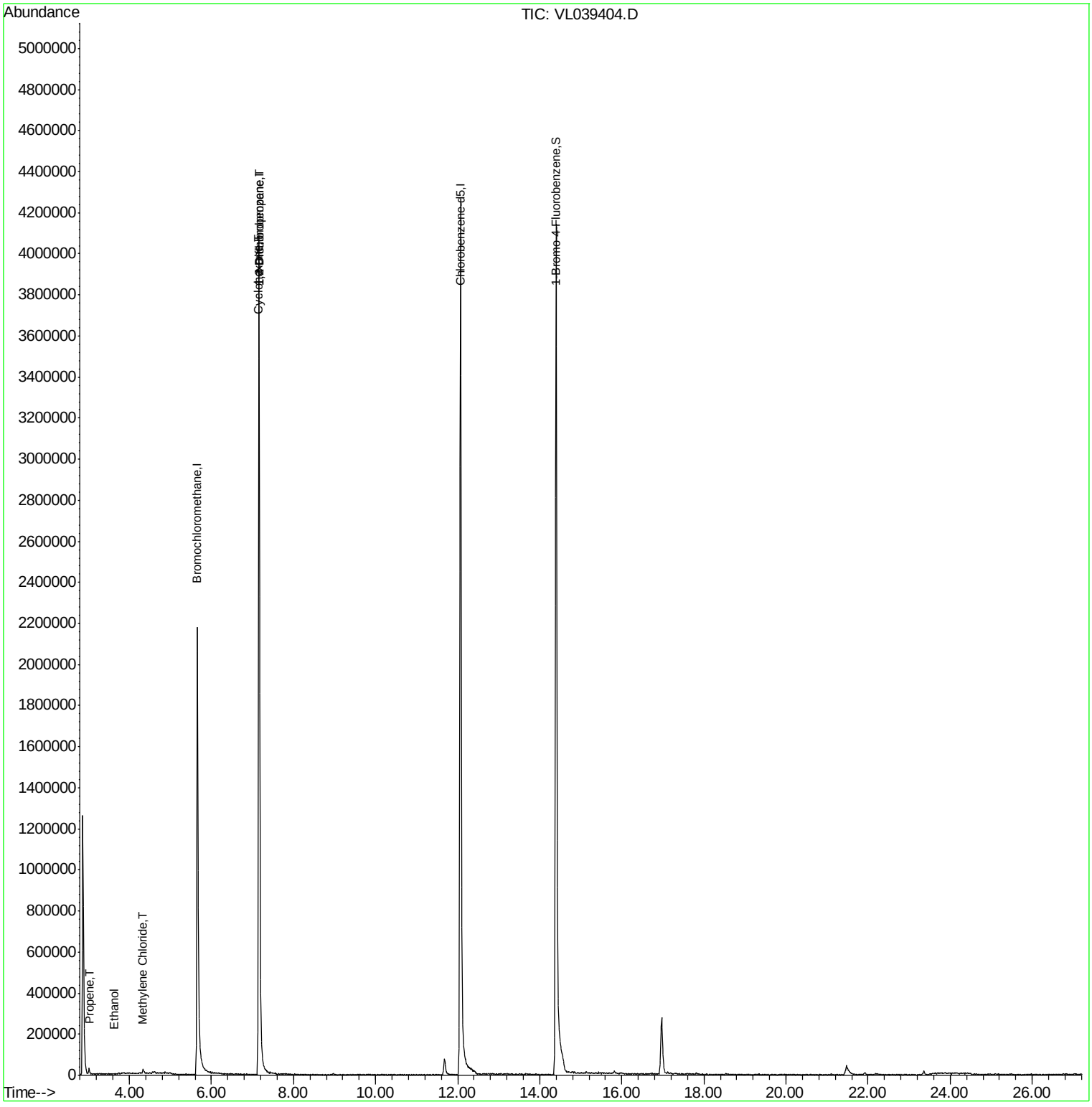
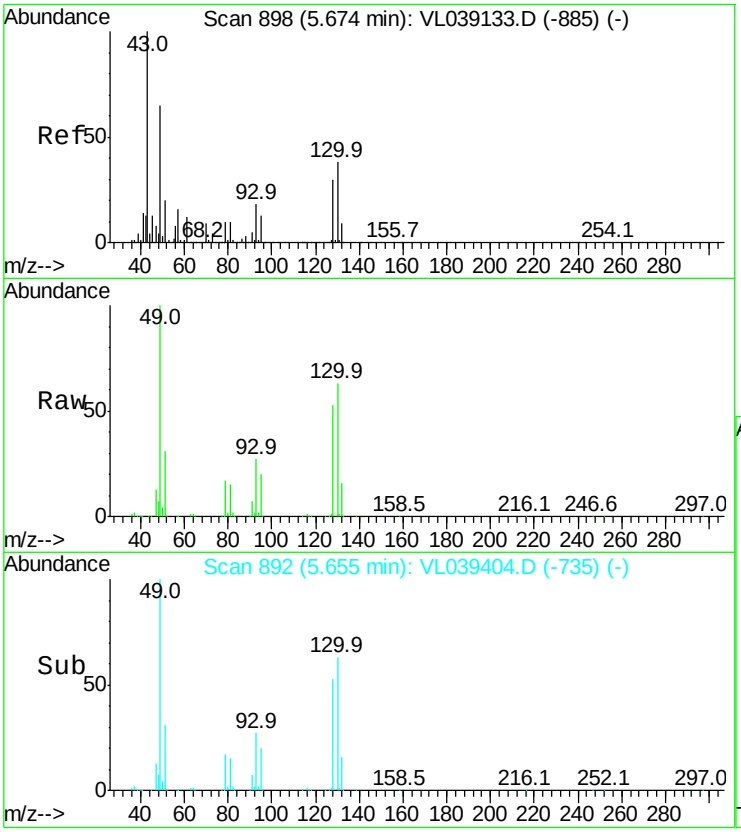


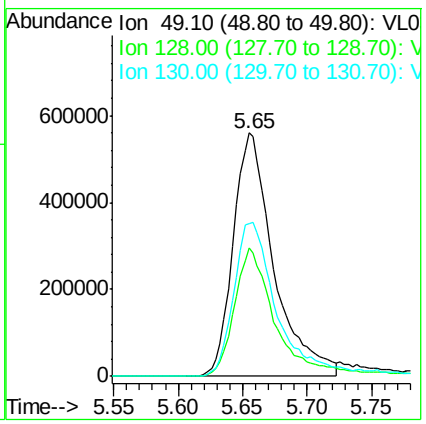


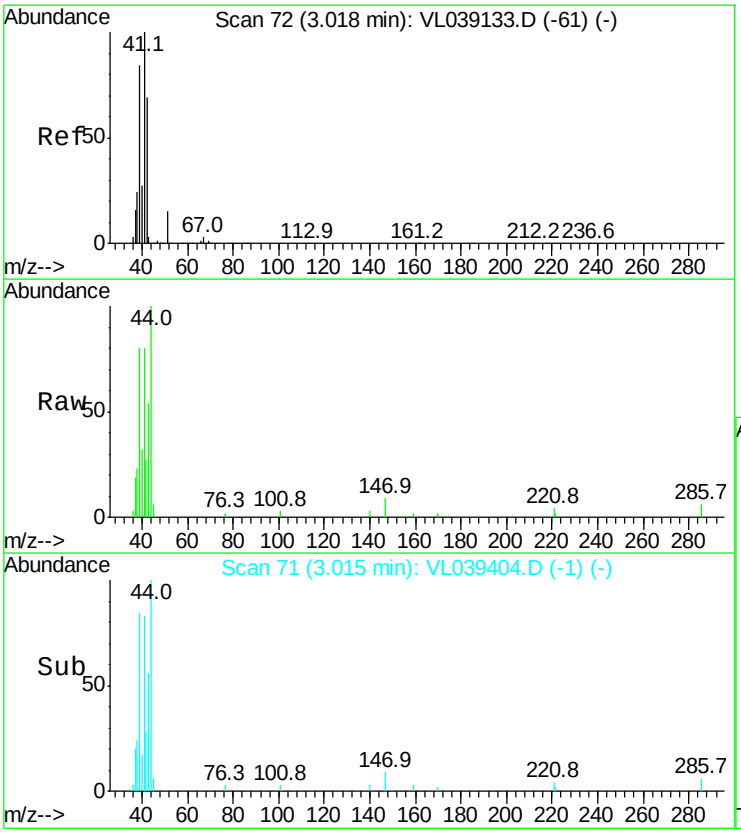
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 29 Jun 2022 20:17

Instrument :
MSVOA_L
ClientSampleId :
QC062022 CAN 10448

Tgt Ion: 49 Resp: 1230429

Ion	Ratio	Lower	Upper
49	100		
128	54.8	26.7	80.0
130	70.4	34.3	102.8

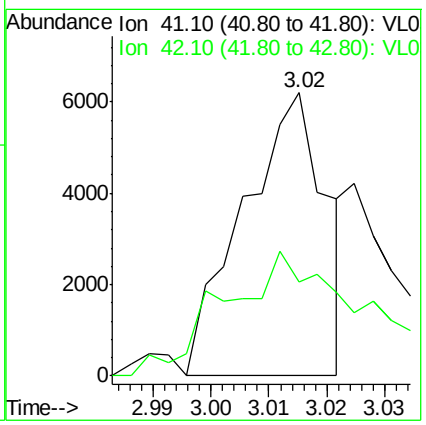


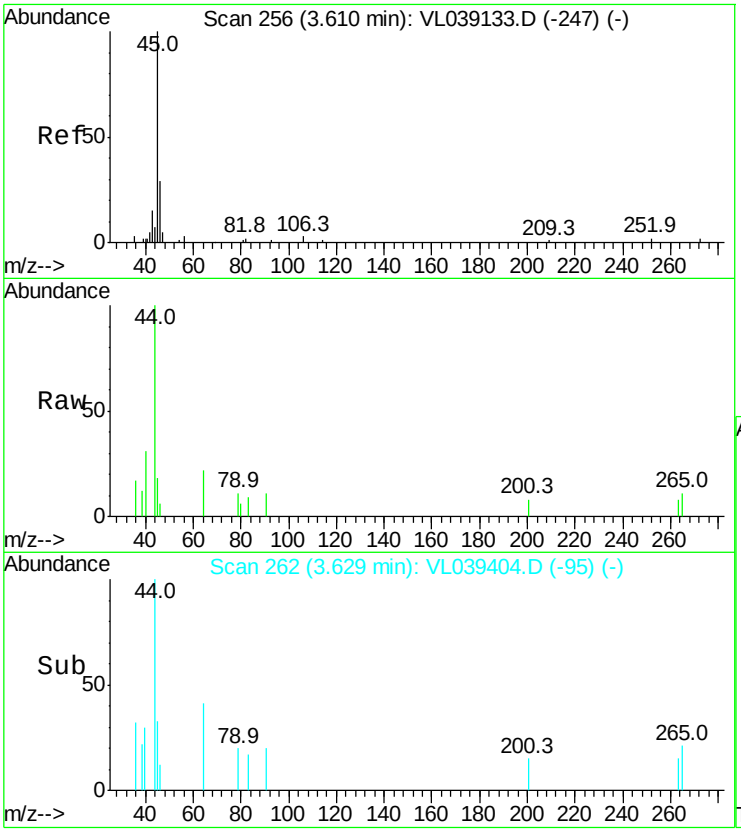


#9
Propene
Concen: 0.09 ppbv
RT: 3.02 min Scan# 71
Delta R.T. 0.01 min
Lab File: VL039404.D
Acq: 29 Jun 2022 20:17

Tgt Ion: 41 Resp: 6164

Ion	Ratio	Lower	Upper
41	100		
42	88.6	55.2	82.8#



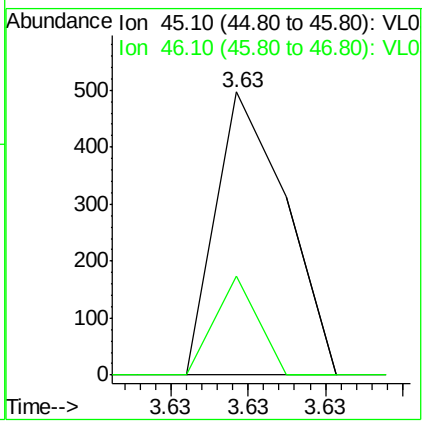


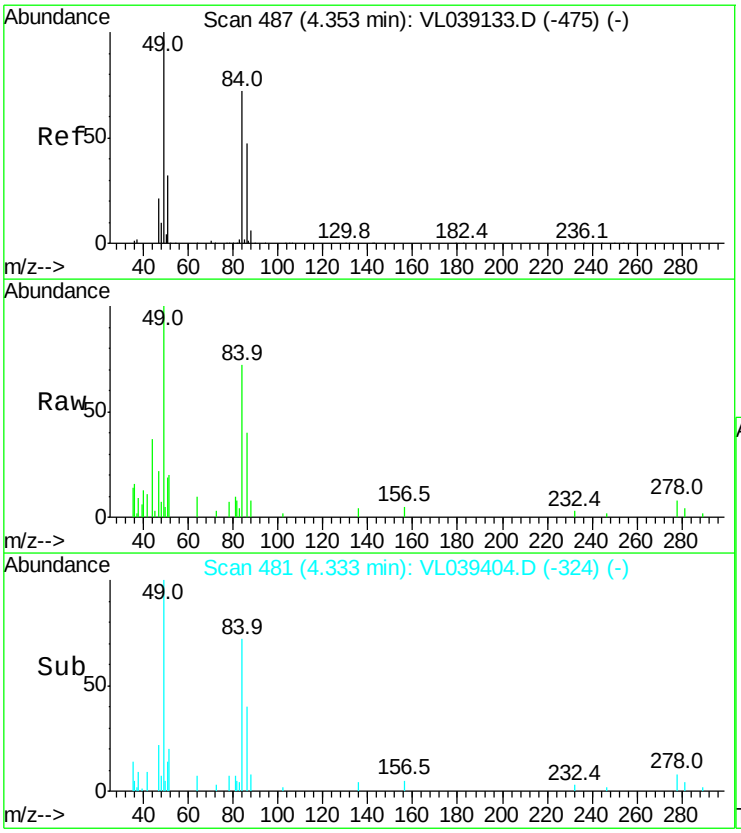
#13
Ethanol
Concen: 0.04 ppbv
RT: 3.63
Delta R.T
Lab File:
Acq: 29 Jun 2022 20:17

Instrument :
MSVOA_L
ClientSampleId :
QC062022 CAN 10448

Tgt Ion: 45 Resp: 156

Ion	Ratio	Lower	Upper
45	100		
46	21.2	22.8	91.2#

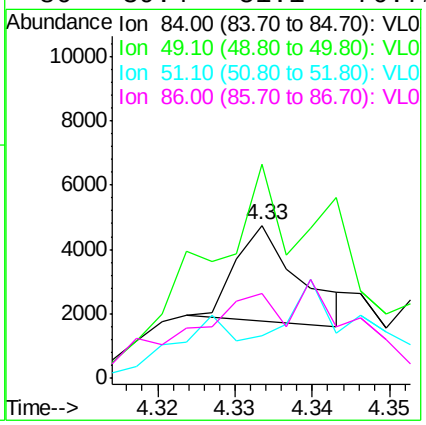


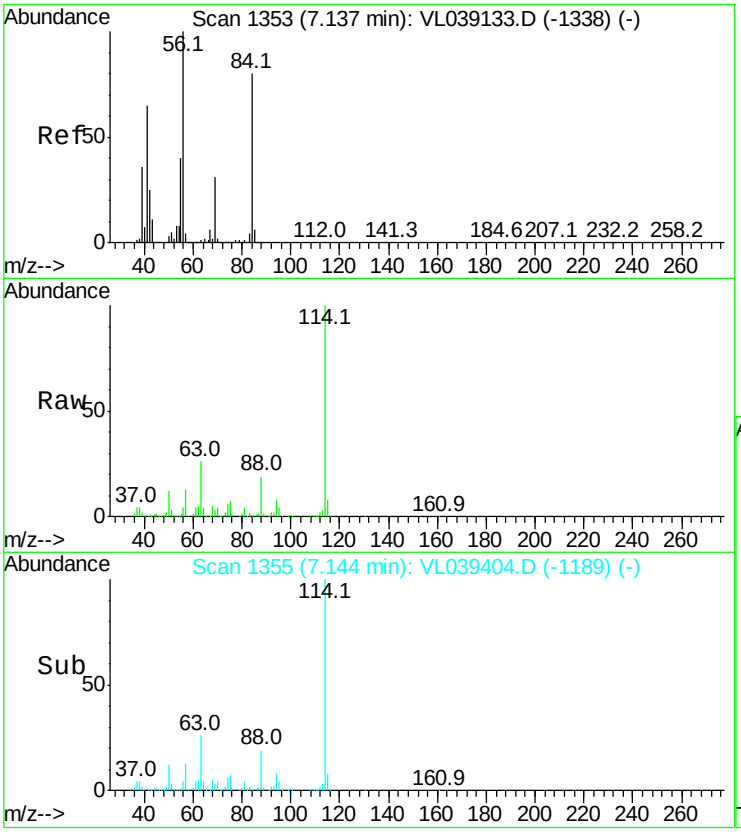


#20
Methylene Chloride
Concen: 0.03 ppbv
RT: 4.33 min Scan# 481
Delta R.T. 0.00 min
Lab File: VL039404.D
Acq: 29 Jun 2022 20:17

Tgt Ion: 84 Resp: 1646

Ion	Ratio	Lower	Upper
84	100		
49	97.6	123.1	184.7#
51	7.4	34.4	51.6#
86	39.4	51.1	76.7#



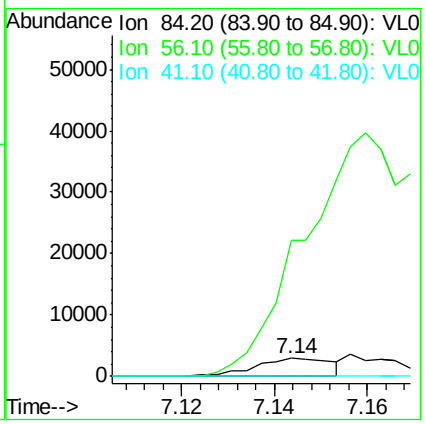


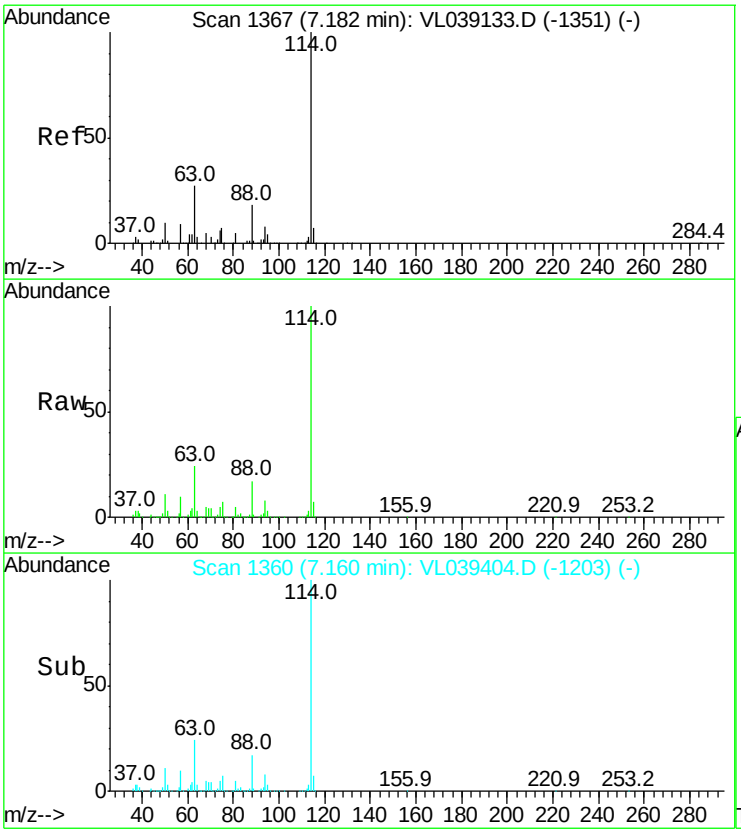
#30
Cyclohexane
Concen: 0.03 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 29 Jun 2022 20:17

Instrument :
MSVOA_L
ClientSampleId :
QC062022 CAN 10448

Tgt Ion: 84 Resp: 3337

Ion	Ratio	Lower	Upper
84	100		
56	0.0	107.7	161.5#
41	1.3	67.7	101.5#

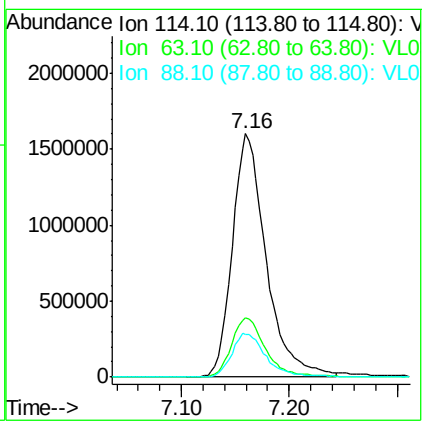


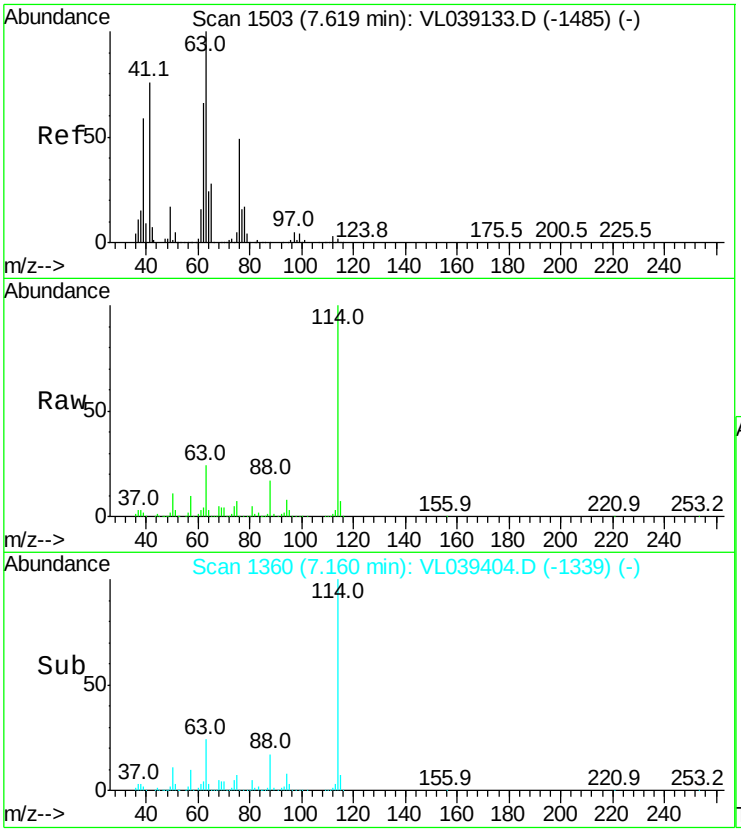


#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.00 min
Lab File: VL039404.D
Acq: 29 Jun 2022 20:17

Tgt Ion:114 Resp: 3492494

Ion	Ratio	Lower	Upper
114	100		
63	24.9	20.2	30.4
88	18.5	14.5	21.7



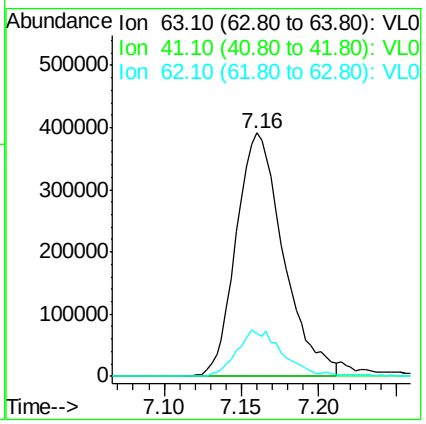


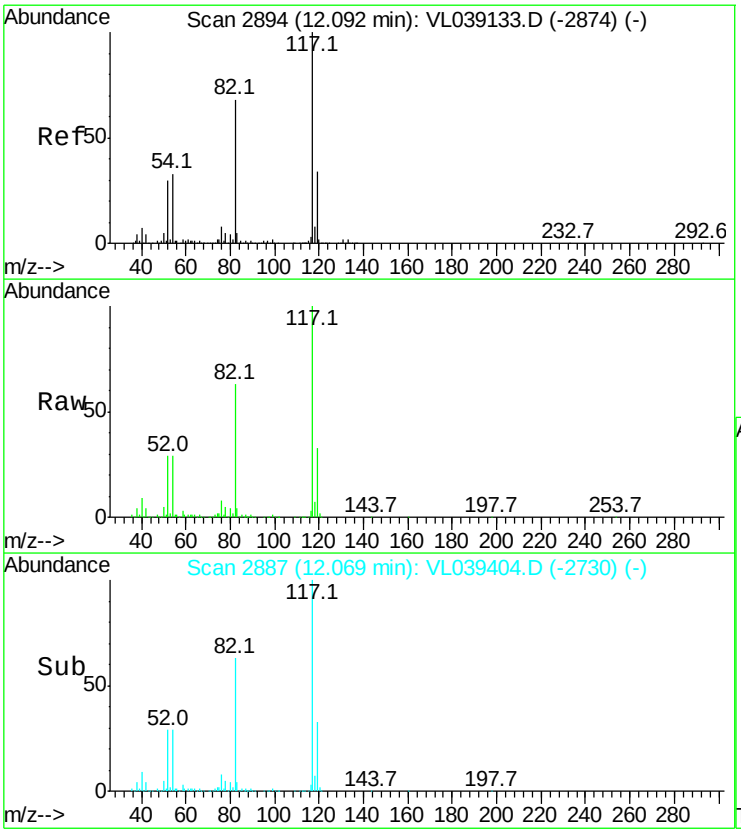
#39
1,2-Dichloropropane
Concen: 8.25 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 29 Jun 2022 20:17

Instrument :
MSVOA_L
ClientSampleId :
QC062022 CAN 10448

Tgt Ion: 63 Resp: 833325

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	17.4	51.4	77.0#

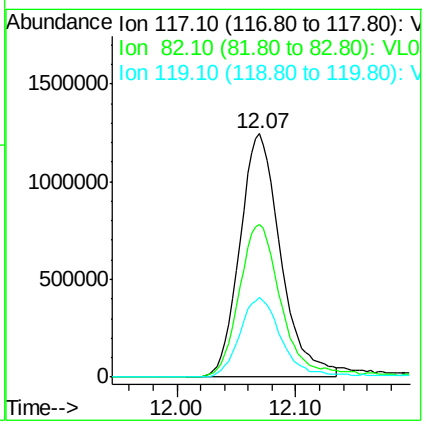


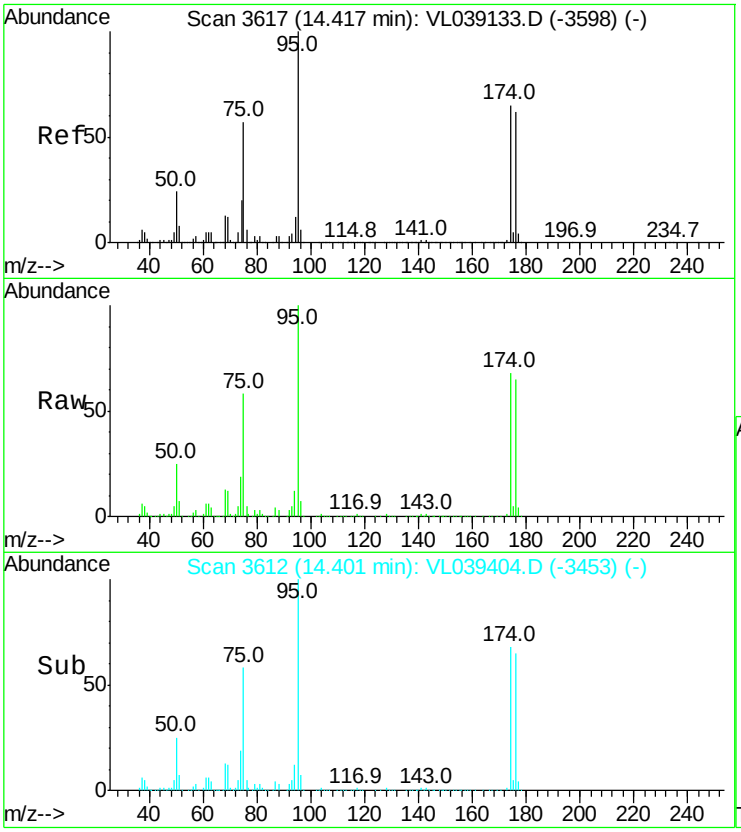


#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VL039404.D
Acq: 29 Jun 2022 20:17

Tgt Ion:117 Resp: 2959658

Ion	Ratio	Lower	Upper
117	100		
82	67.0	50.8	76.2
119	34.3	24.1	36.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.19 ppbv
RT: 14.40
Delta R.T
Lab File:
Acq: 29 Jun 2022 20:17

Instrument :
MSVOA_L
ClientSampleId :
QC062022 CAN 10448

Tgt Ion: 95 Resp: 2238226

Ion	Ratio	Lower	Upper
95	100		
174	70.5	55.9	83.9
175	5.3	4.2	6.4