Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071922\
Data File : VL039497.D
Acq On : 20 Jul 2022 1:41
Operator : SY/AP
Sample : N3750-06DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : IA-2DL

Quant Time: Jul 20 05:41:13 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1101624	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	3009199	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	2716632	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2072096	10.28	ppbv	0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.06	85	9713	0.061	ppbv	99
3) Chlorodifluoromethane	3.00	51	9110	0.065	ppbv	97
9) Propene	3.03	41	12108	0.192	ppbv	96
13) Ethanol	3.62	45	11544	3.152	ppbv	78
15) Acetone	3.87	43	88843	0.682	ppbv #	79
20) Methylene Chloride	4.36	84	72222	1.390	ppbv	94
23) Vinyl Acetate	5.08	43	3154	0.036	ppbv #	80
25) Ethyl Acetate	5.70	43	12195	0.046	ppbv #	80
26) Hexane	5.69	57	51241	0.476	ppbv #	40
39) 1,2-Dichloropropane	7.19	63	750192	8.622	ppbv #	25

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

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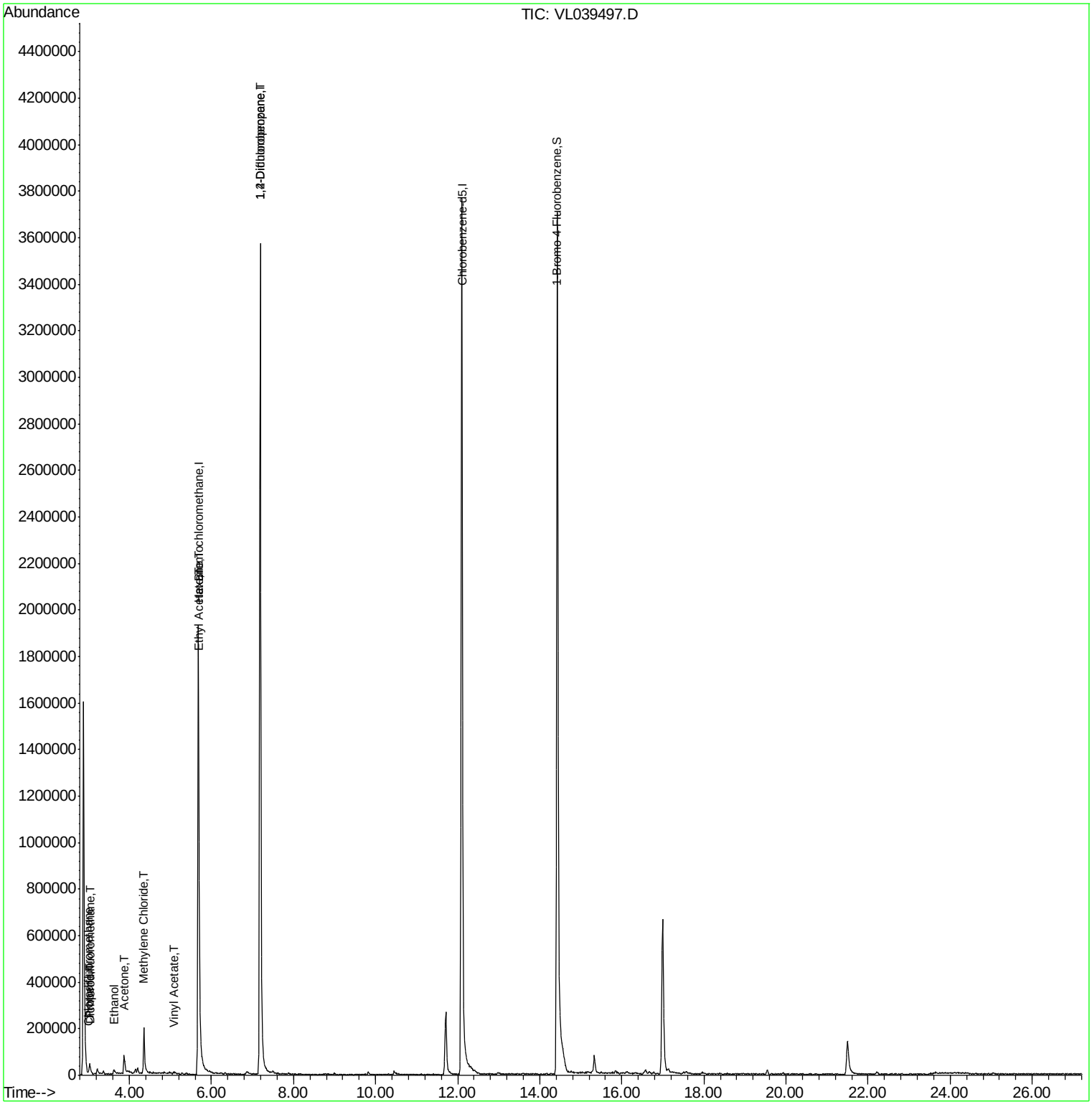
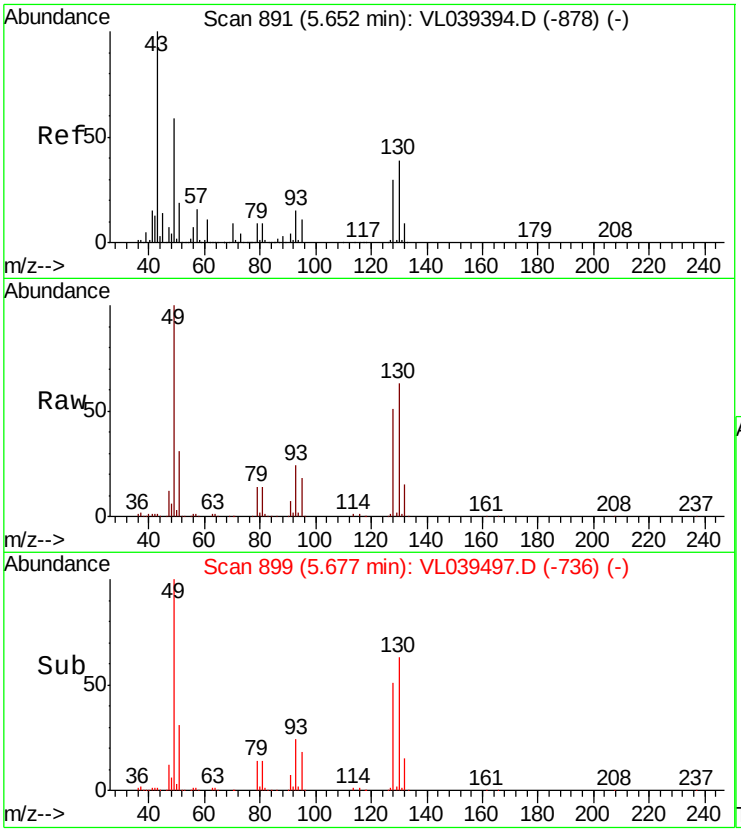


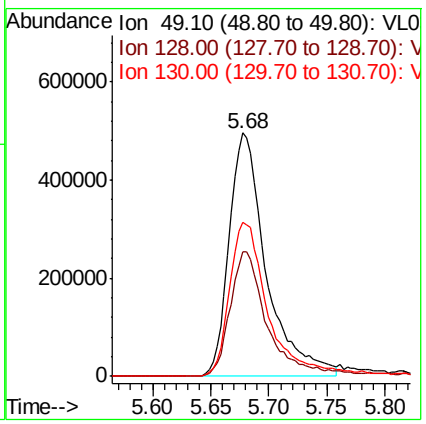


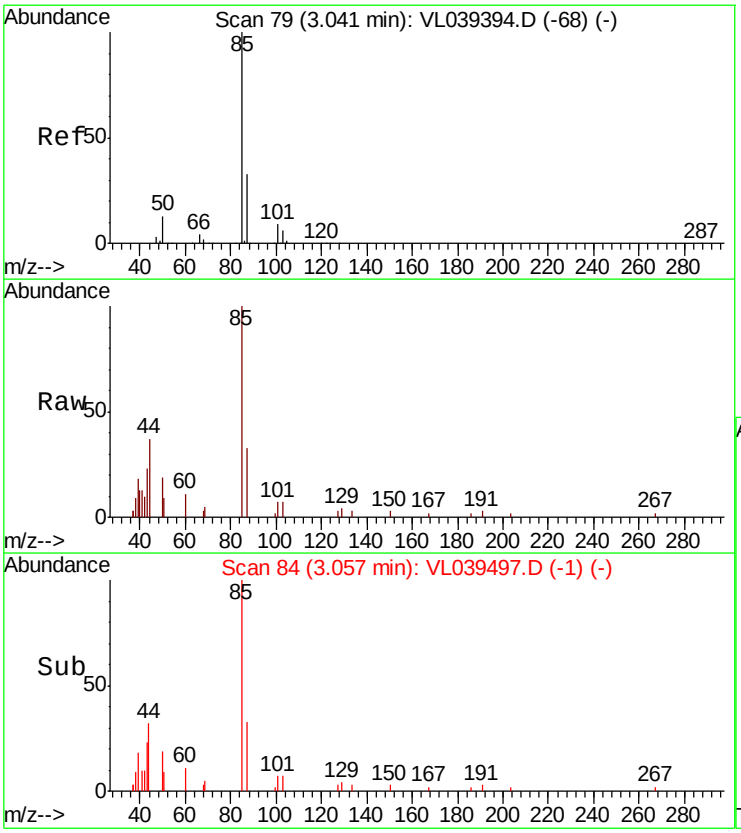
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 20 Jul 2022 1:41

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 49 Resp: 1101624

Ion	Ratio	Lower	Upper
49	100		
128	51.2	26.7	80.0
130	69.5	34.3	102.8

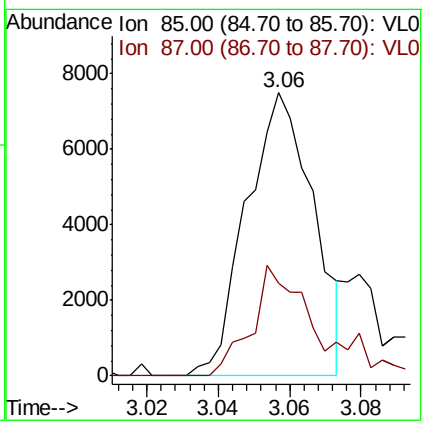


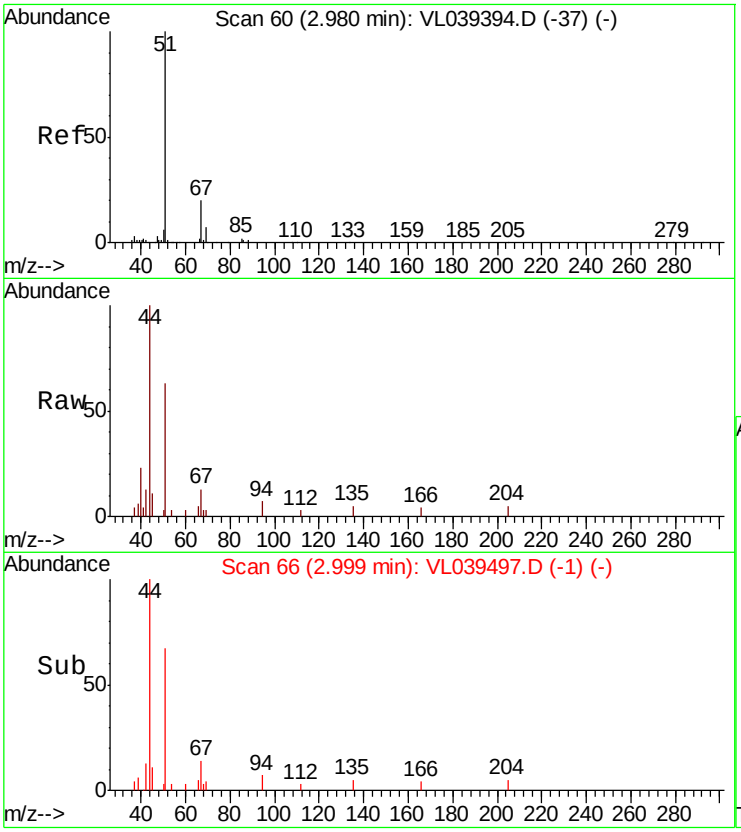


#2
Dichlorodifluoromethane
Concen: 0.061 ppbv
RT: 3.06 min Scan# 84
Delta R.T. 0.02 min
Lab File: VL039497.D
Acq: 20 Jul 2022 1:41

Tgt Ion: 85 Resp: 9713

Ion	Ratio	Lower	Upper
85	100		
87	32.6	26.7	40.1



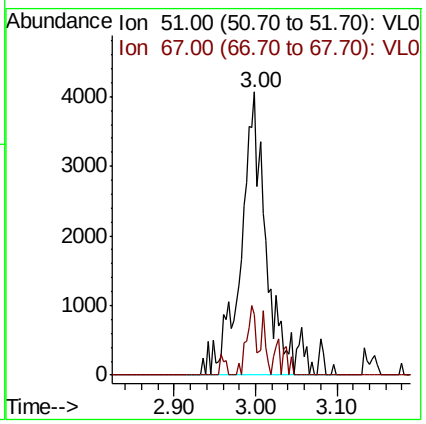


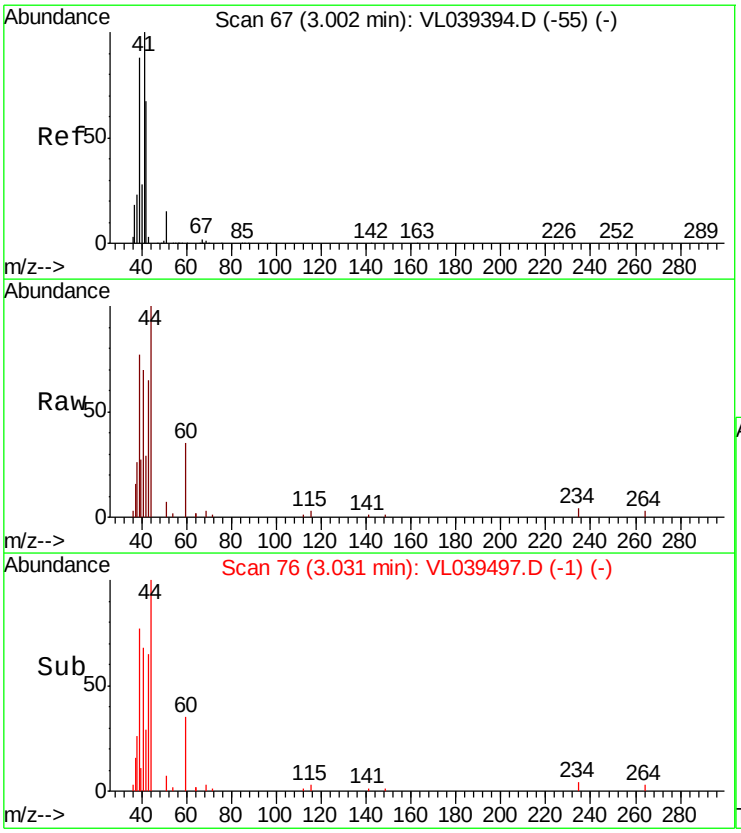
#3
Chlorodifluoromethane
Concen: 0.065 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 20 Jul 2022 1:41

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 51 Resp: 9110

Ion	Ratio	Lower	Upper
51	100		
67	18.0	15.7	23.5

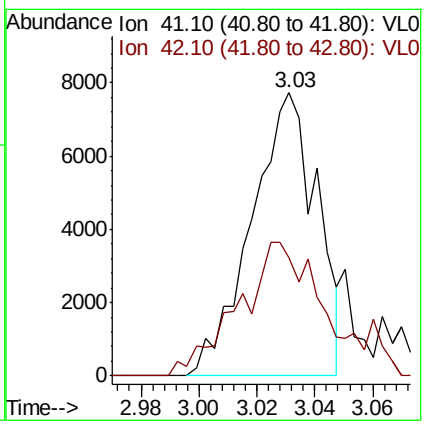


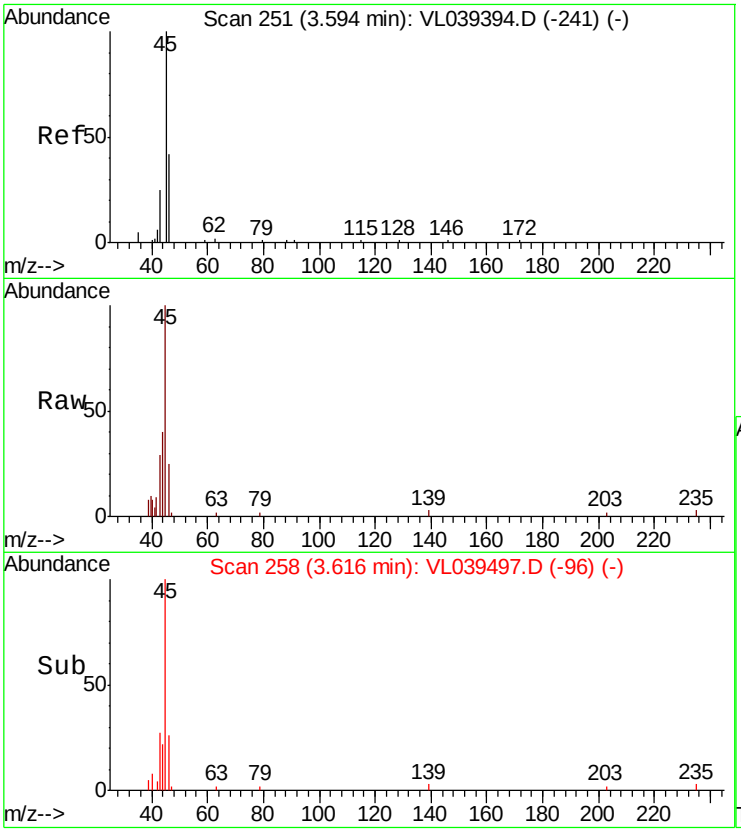


#9
Propene
Concen: 0.192 ppbv
RT: 3.03 min Scan# 76
Delta R.T. 0.03 min
Lab File: VL039497.D
Acq: 20 Jul 2022 1:41

Tgt Ion: 41 Resp: 12108

Ion	Ratio	Lower	Upper
41	100		
42	65.8	55.2	82.8



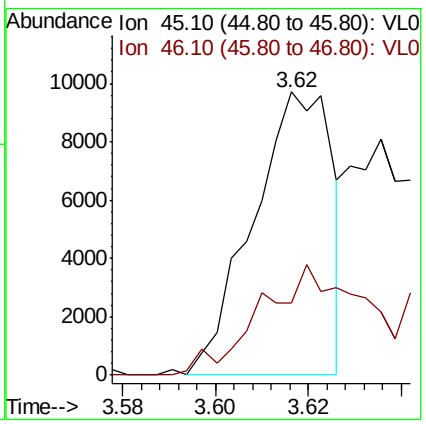


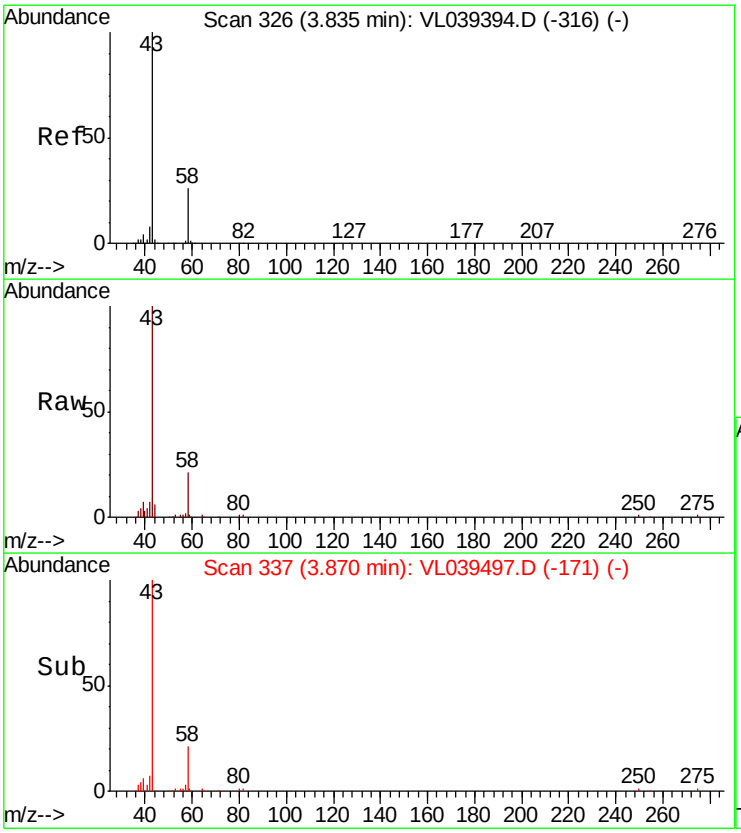
#13
Ethanol
Concen: 3.152 ppbv
RT: 3.62
Delta R.T
Lab File:
Acq: 20 Jul 2022 1:41

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 45 Resp: 11544

Ion	Ratio	Lower	Upper
45	100		
46	73.5	22.8	91.2

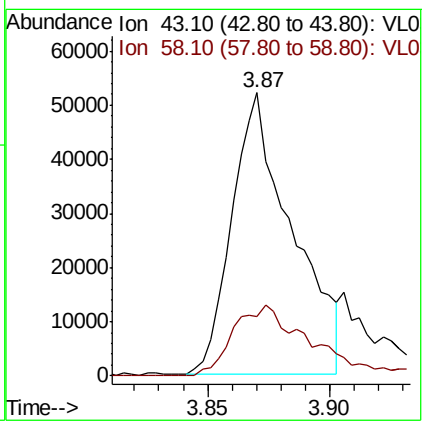


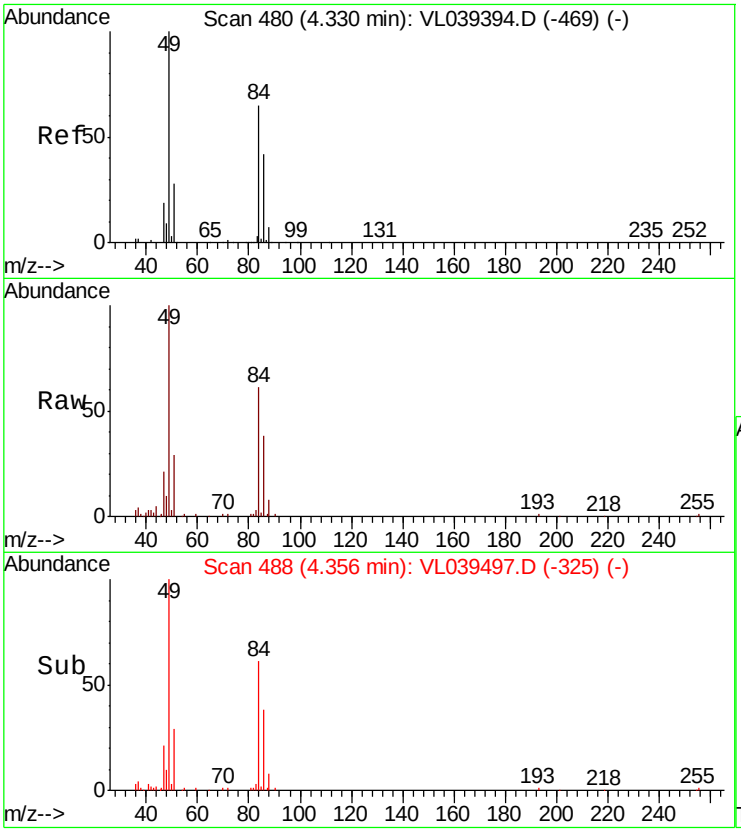


#15
Acetone
Concen: 0.682 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.04 min
Lab File: VL039497.D
Acq: 20 Jul 2022 1:41

Tgt Ion: 43 Resp: 88843

Ion	Ratio	Lower	Upper
43	100		
58	36.9	21.0	31.6#



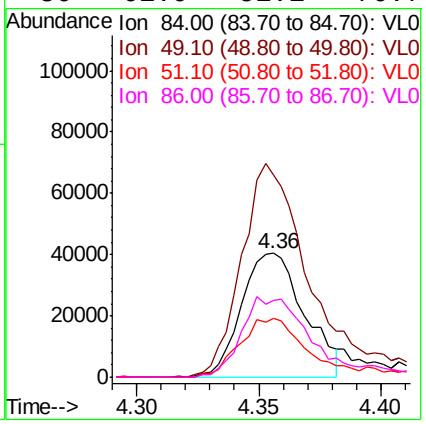


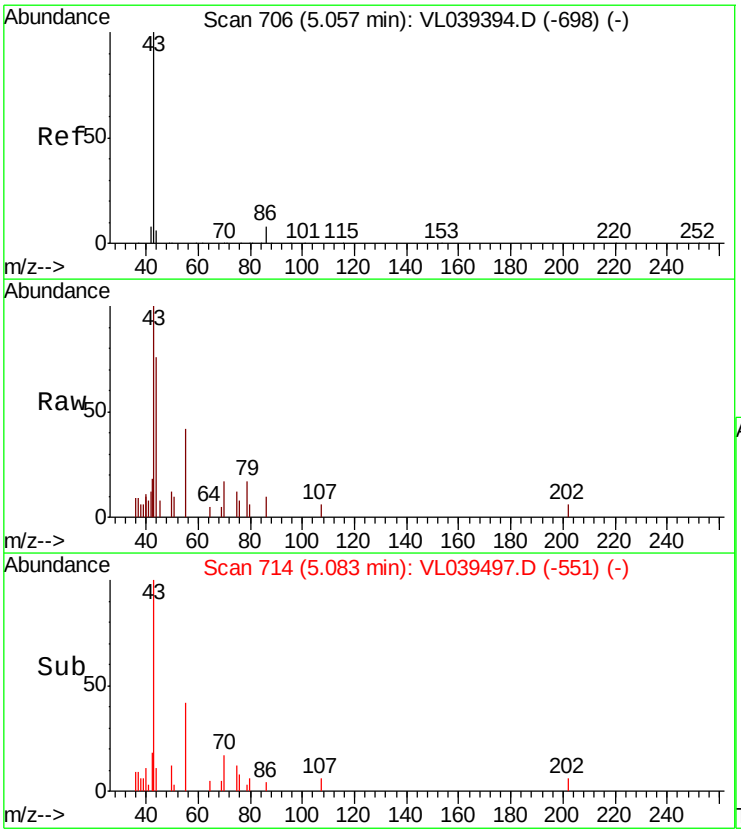
#20
Methylene Chloride
Concen: 1.390 ppbv
RT: 4.36
Delta R.T
Lab File:
Acq: 20 Jul 2022 1:41

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 84 Resp: 72222

Ion	Ratio	Lower	Upper
84	100		
49	163.1	123.1	184.7
51	47.5	34.4	51.6
86	61.9	51.1	76.7

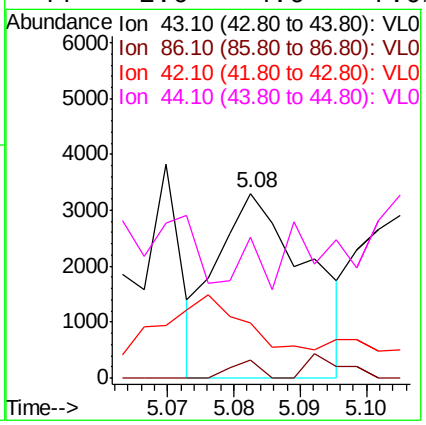


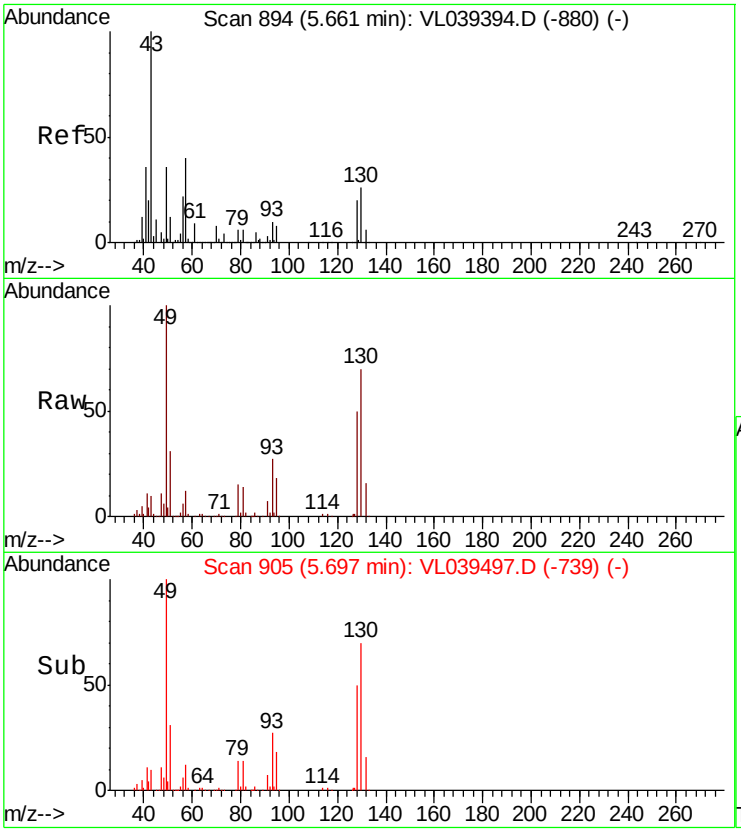


#23
Vinyl Acetate
Concen: 0.036 ppbv
RT: 5.08 min Scan# 714
Delta R.T. 0.03 min
Lab File: VL039497.D
Acq: 20 Jul 2022 1:41

Tgt Ion: 43 Resp: 3154

Ion	Ratio	Lower	Upper
43	100		
86	16.6	5.0	7.6#
42	16.4	7.7	11.5#
44	2.6	4.6	7.0#



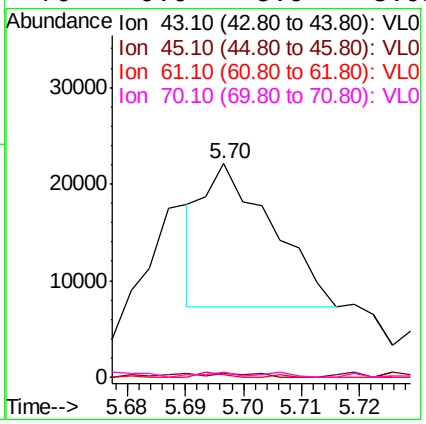


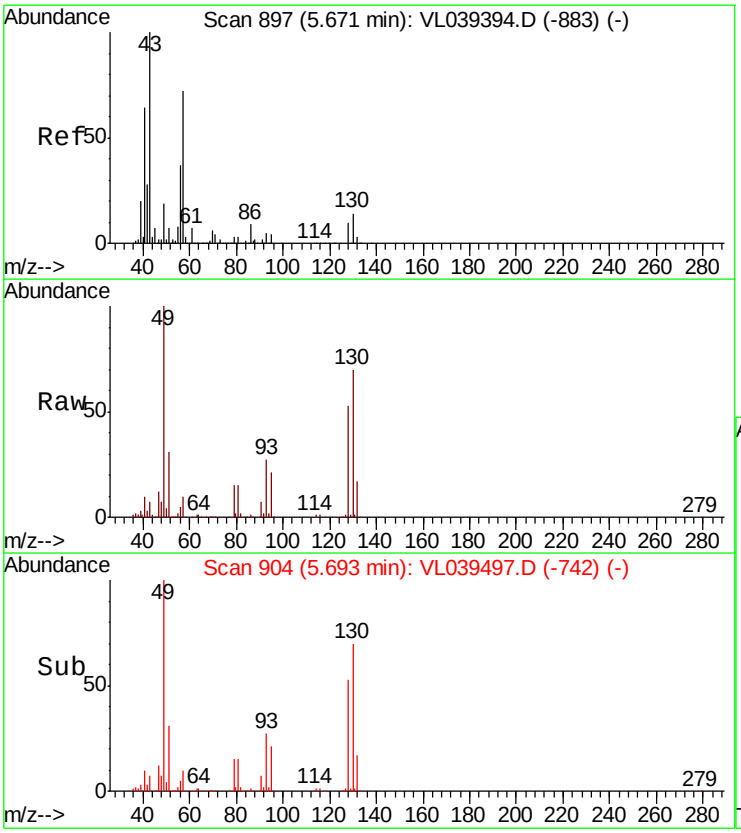
#25
Ethyl Acetate
Concen: 0.046 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 20 Jul 2022 1:41

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion: 43 Resp: 12195

Ion	Ratio	Lower	Upper
43	100		
45	3.9	8.2	12.4#
61	1.9	8.3	12.5#
70	0.0	5.9	8.9#

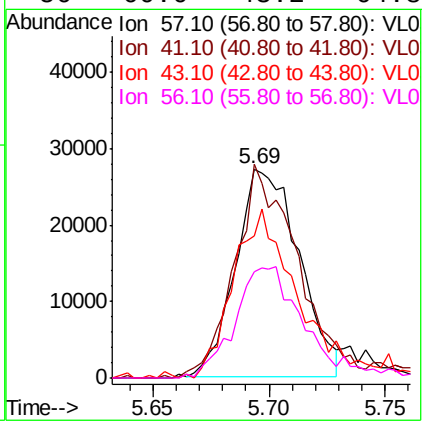


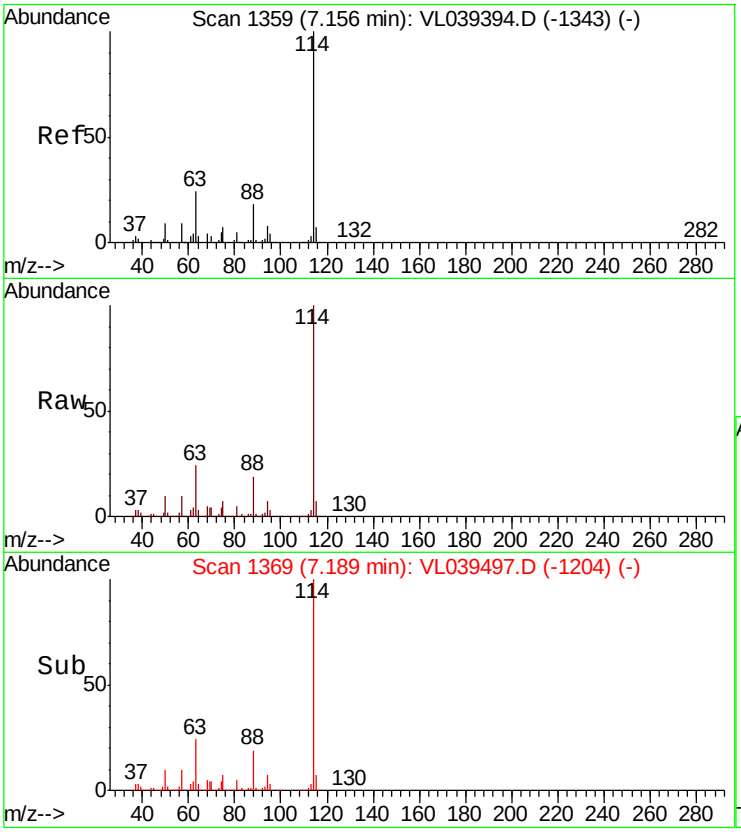


#26
Hexane
Concen: 0.476 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.02 min
Lab File: VL039497.D
Acq: 20 Jul 2022 1:41

Tgt Ion: 57 Resp: 51241

Ion	Ratio	Lower	Upper
57	100		
41	110.5	76.9	115.3
43	87.0	191.0	286.6#
56	60.0	43.2	64.8



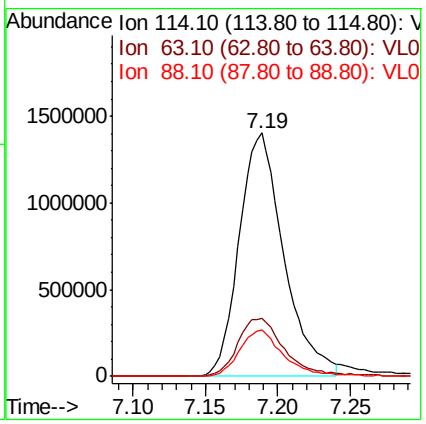


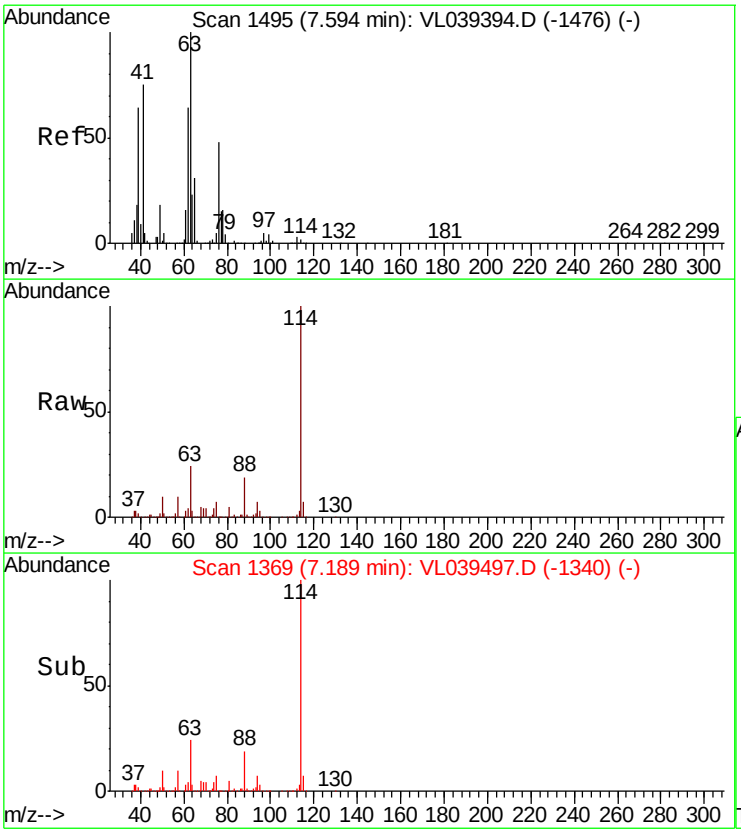
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19
Delta R.T
Lab File:
Acq: 20 Jul 2022 1:41

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion:114 Resp: 3009199

Ion	Ratio	Lower	Upper
114	100		
63	25.3	20.2	30.4
88	19.1	14.5	21.7

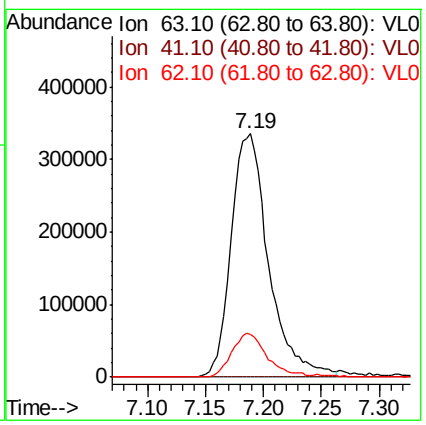


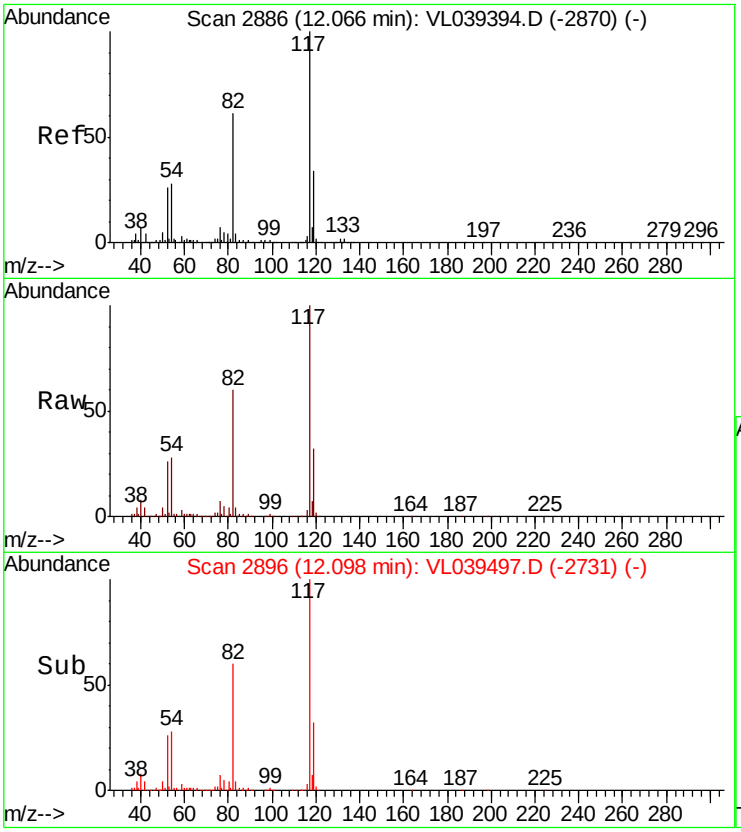


#39
1,2-Dichloropropane
Concen: 8.622 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.41 min
Lab File: VL039497.D
Acq: 20 Jul 2022 1:41

Tgt Ion: 63 Resp: 750192

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.6	89.4#
62	17.6	51.4	77.0#



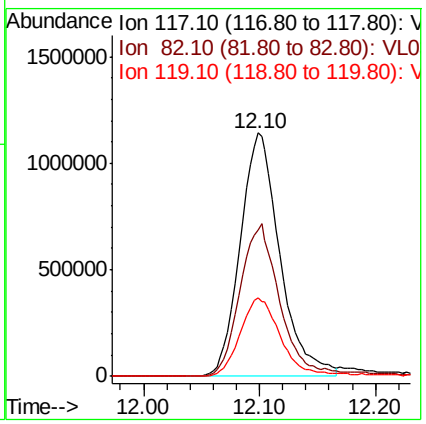


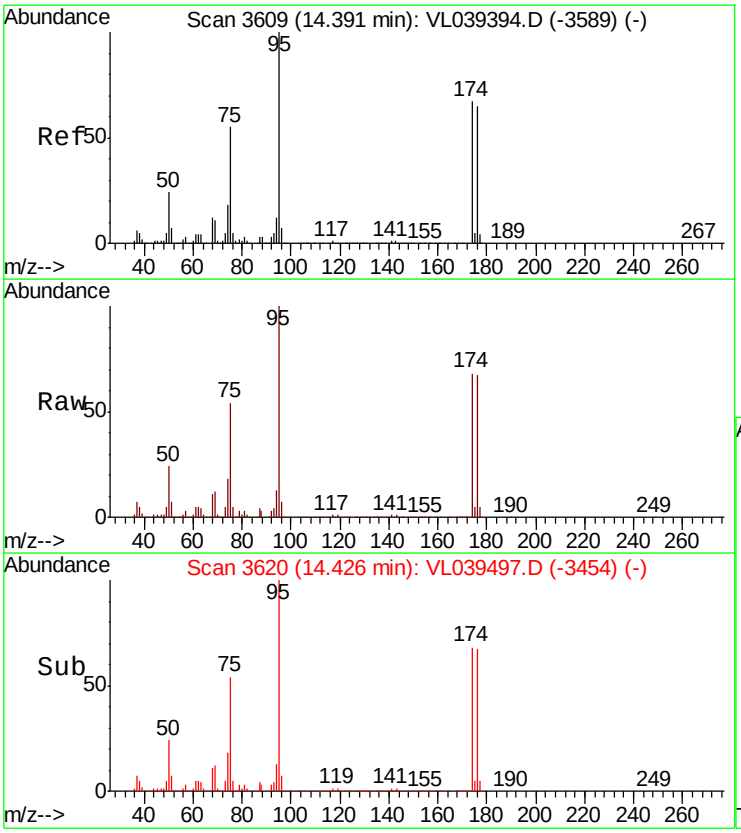
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10
Delta R.T
Lab File:
Acq: 20 Jul 2022 1:41

Instrument :
MSVOA_L
ClientSampleId :
IA-2DL

Tgt Ion:117 Resp: 2716632

Ion	Ratio	Lower	Upper
117	100		
82	66.0	50.8	76.2
119	34.1	24.1	36.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.282 ppbv
RT: 14.43 min Scan# 3620
Delta R.T. 0.04 min
Lab File: VL039497.D
Acq: 20 Jul 2022 1:41

Tgt Ion: 95 Resp: 2072096

Ion	Ratio	Lower	Upper
95	100		
174	72.5	55.9	83.9
175	5.5	4.2	6.4