Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071922\
Data File : VL039490.D
Acq On : 19 Jul 2022 20:30
Operator : SY/AP
Sample : N3750-03DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV-3DL

Quant Time: Jul 20 05:39:51 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	1222217	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	3442493	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3067019	10.00	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2291799	10.07	ppbv	0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.06	85	5316	0.030	ppbv #	66
9) Propene	3.02	41	64899	0.927	ppbv	91
13) Ethanol	3.63	45	3519	0.866	ppbv	68
15) Acetone	3.86	43	373375	2.582	ppbv #	89
16) 1,3-Butadiene	3.31	39	31124	0.415	ppbv #	34
17) tert-Butyl alcohol	4.31	59	6363	0.052	ppbv #	37
19) Isopropyl Alcohol	3.98	45	4852	0.063	ppbv #	88
20) Methylene Chloride	4.36	84	34545	0.599	ppbv	95
23) Vinyl Acetate	5.08	43	8602	0.089	ppbv #	84
25) Ethyl Acetate	5.70	43	212801	0.718	ppbv #	77
26) Hexane	5.70	57	284545	2.381	ppbv #	37
27) Carbon Disulfide	4.56	76	4761	0.033	ppbv #	67
34) 2-Butanone	5.27	43	31846	0.184	ppbv #	75
39) 1,2-Dichloropropane	7.19	63	821581	8.254	ppbv #	25
53) Toluene	9.82	91	19390	0.063	ppbv #	74

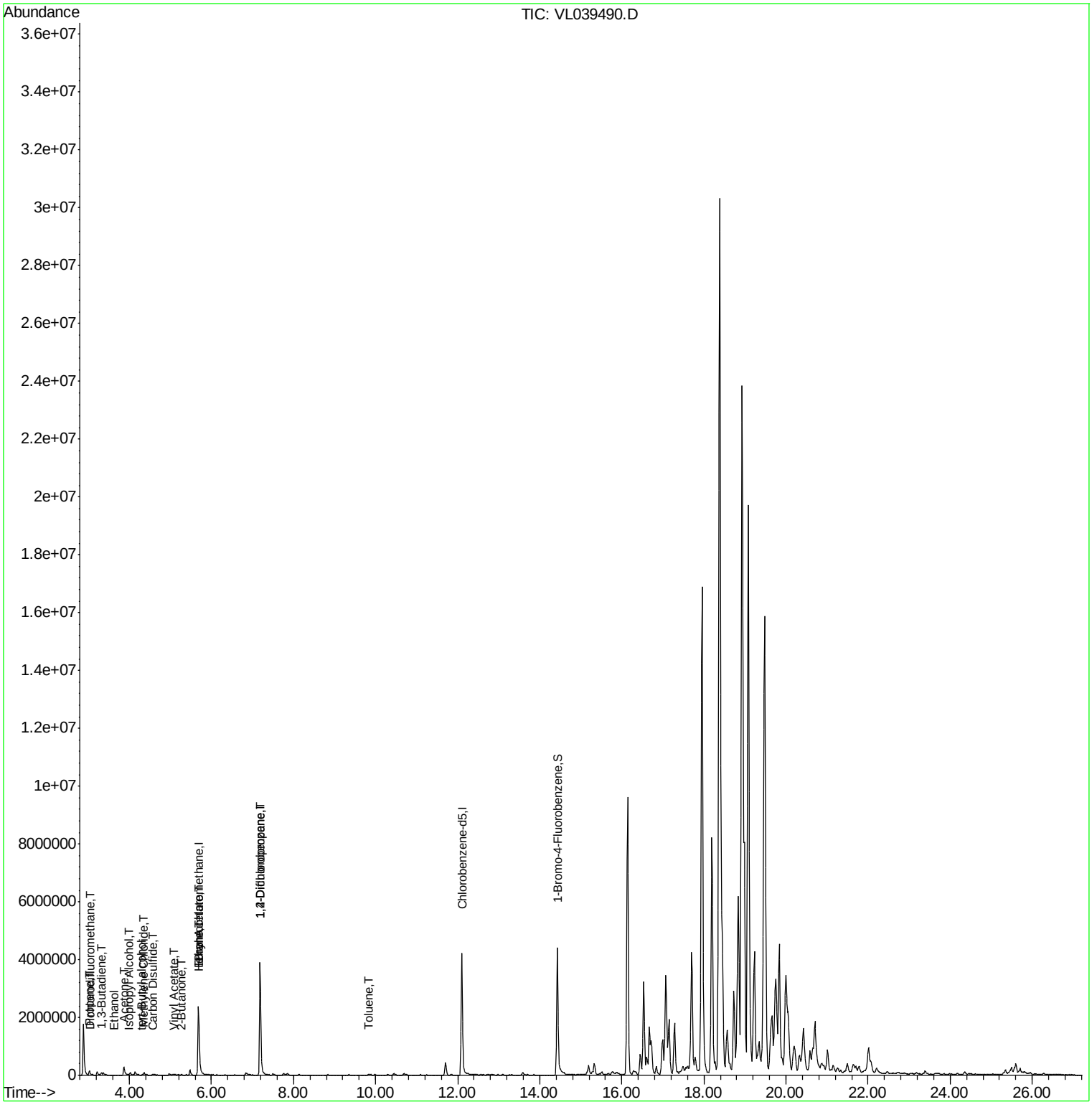
(#) = qualifier out of range (m) = manual integration (+) = signals summed

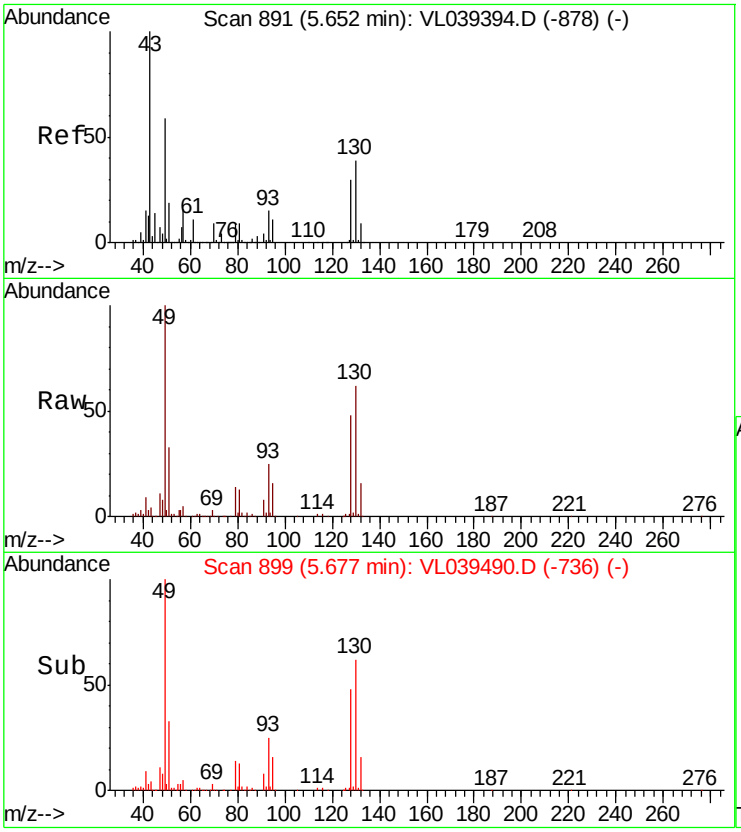
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL071922\
Data File : VL039490.D
Acq On : 19 Jul 2022 20:30
Operator : SY/AP
Sample : N3750-03DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

Quant Time: Jul 20 05:39:51 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



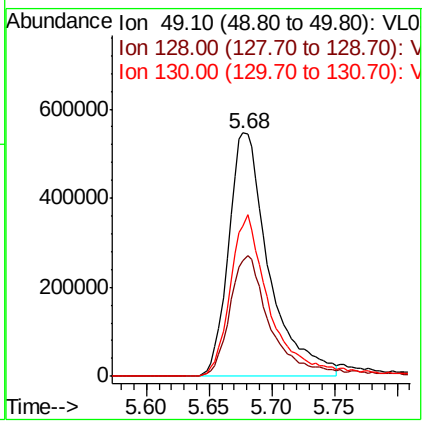


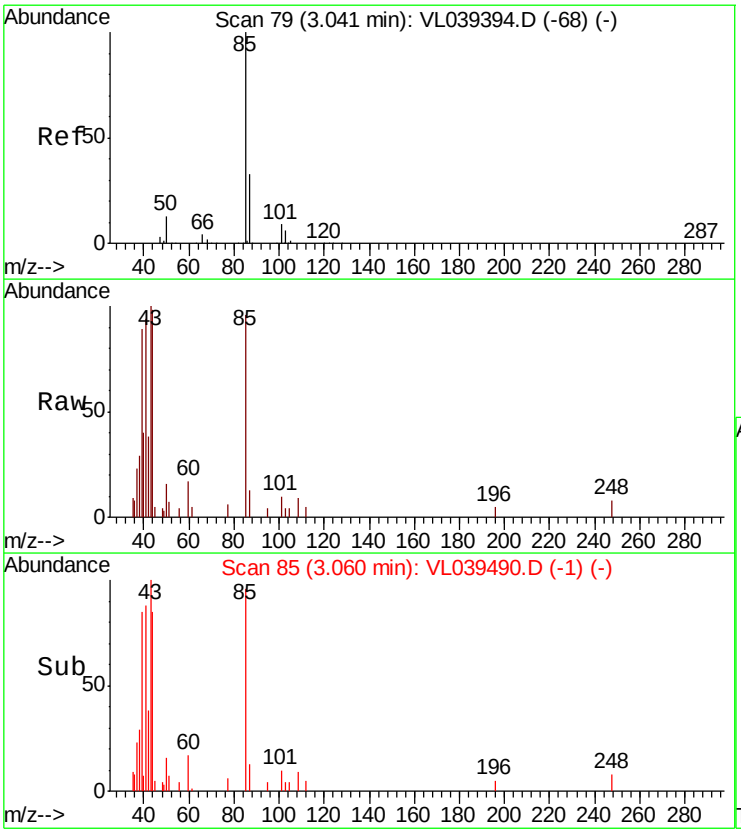
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 19 Jul 2022 20:30

Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

Tgt Ion: 49 Resp: 1222217

Ion	Ratio	Lower	Upper
49	100		
128	51.6	26.7	80.0
130	68.0	34.3	102.8

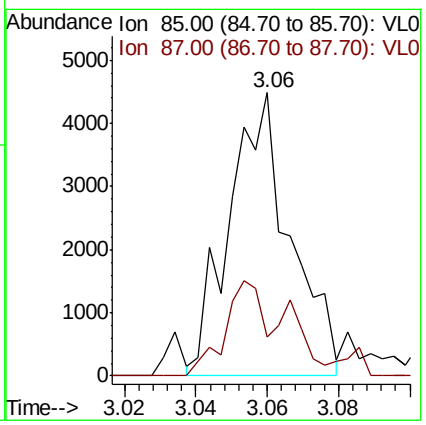


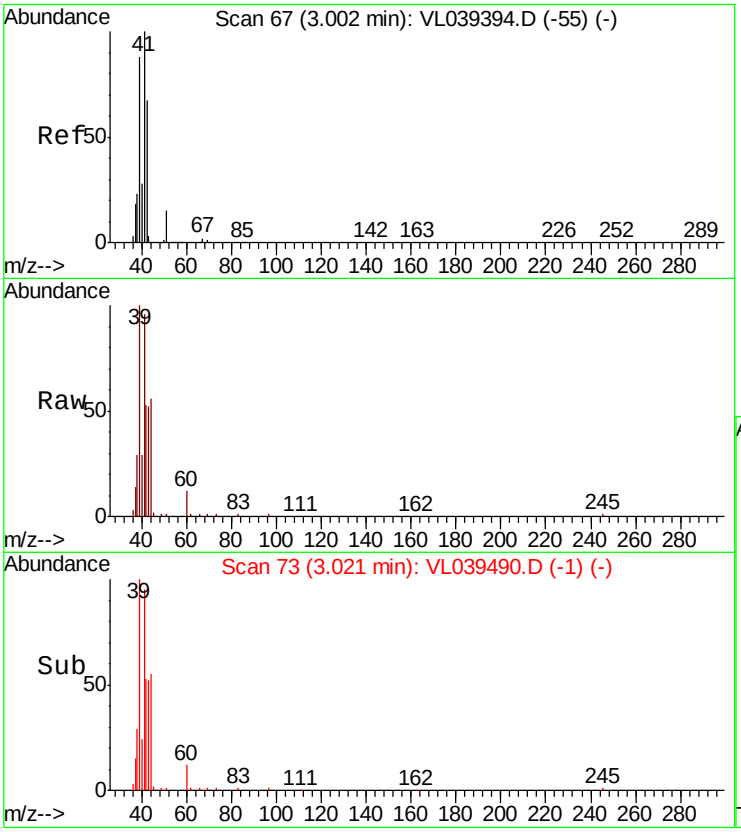


#2
Dichlorodifluoromethane
Concen: 0.030 ppbv
RT: 3.06 min Scan# 85
Delta R.T. 0.02 min
Lab File: VL039490.D
Acq: 19 Jul 2022 20:30

Tgt Ion: 85 Resp: 5316

Ion	Ratio	Lower	Upper
85	100		
87	14.2	26.7	40.1#



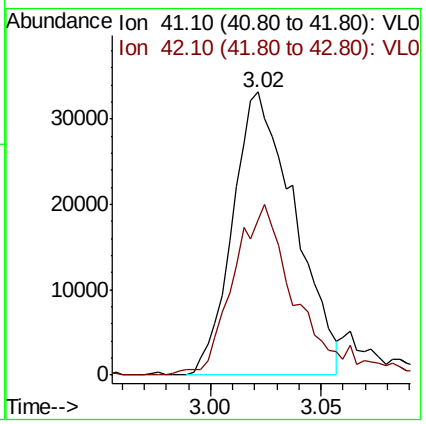


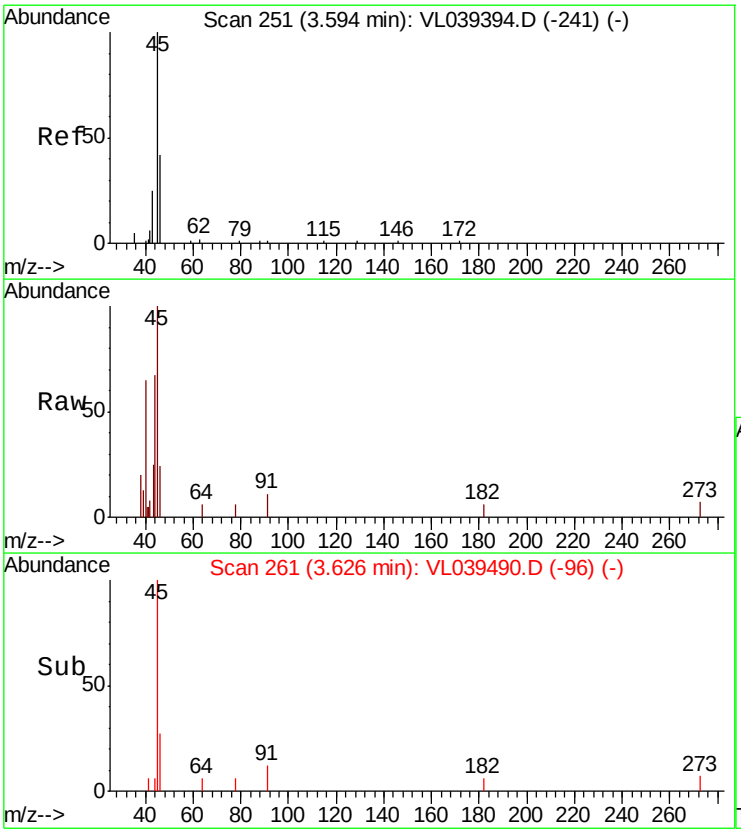
#9
Propene
Concen: 0.927 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 19 Jul 2022 20:30

Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

Tgt Ion: 41 Resp: 64899

Ion	Ratio	Lower	Upper
41	100		
42	61.5	55.2	82.8

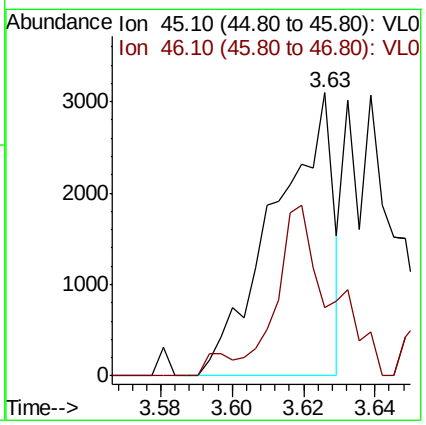


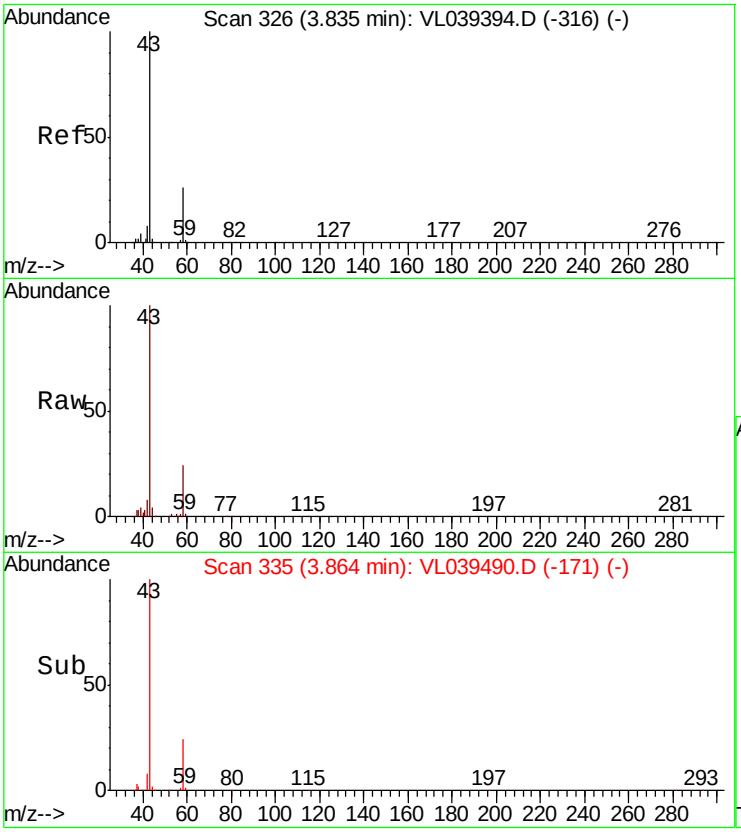


#13
Ethanol
Concen: 0.866 ppbv
RT: 3.63 min Scan# 261
Delta R.T. 0.03 min
Lab File: VL039490.D
Acq: 19 Jul 2022 20:30

Tgt Ion: 45 Resp: 3519

Ion	Ratio	Lower	Upper
45	100		
46	80.4	22.8	91.2



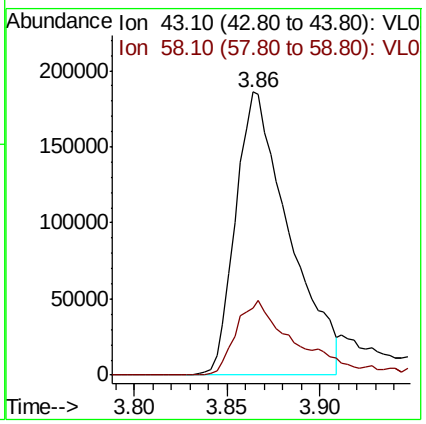


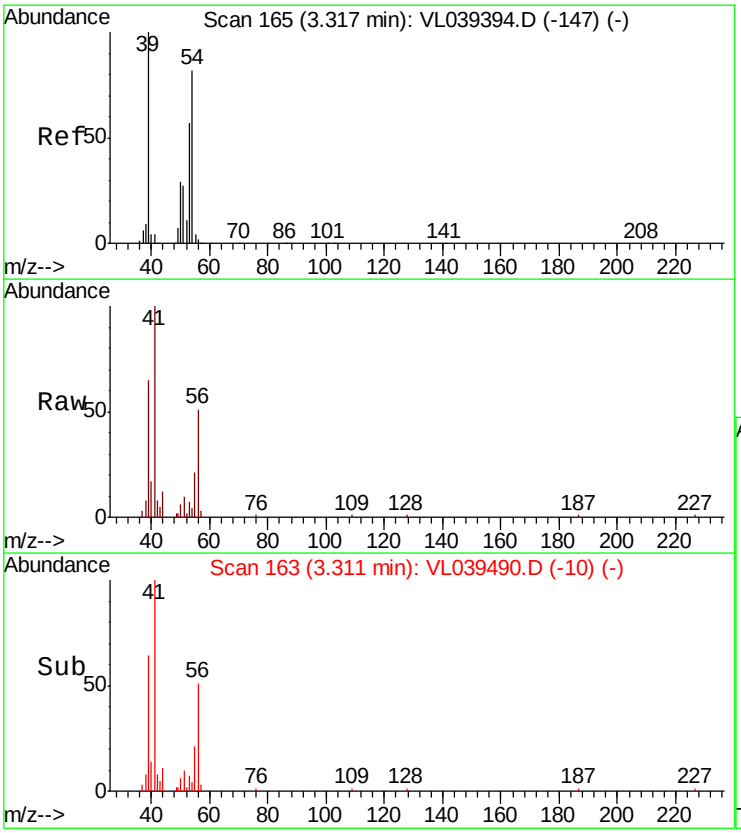
#15
Acetone
Concen: 2.582 ppbv
RT: 3.86
Delta R.T
Lab File:
Acq: 19 Jul 2022 20:30

Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

Tgt Ion: 43 Resp: 373375

Ion	Ratio	Lower	Upper
43	100		
58	31.9	21.0	31.6#

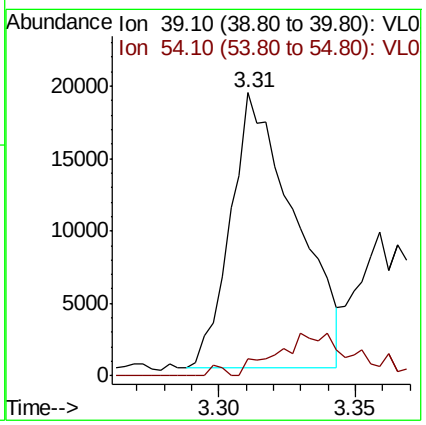


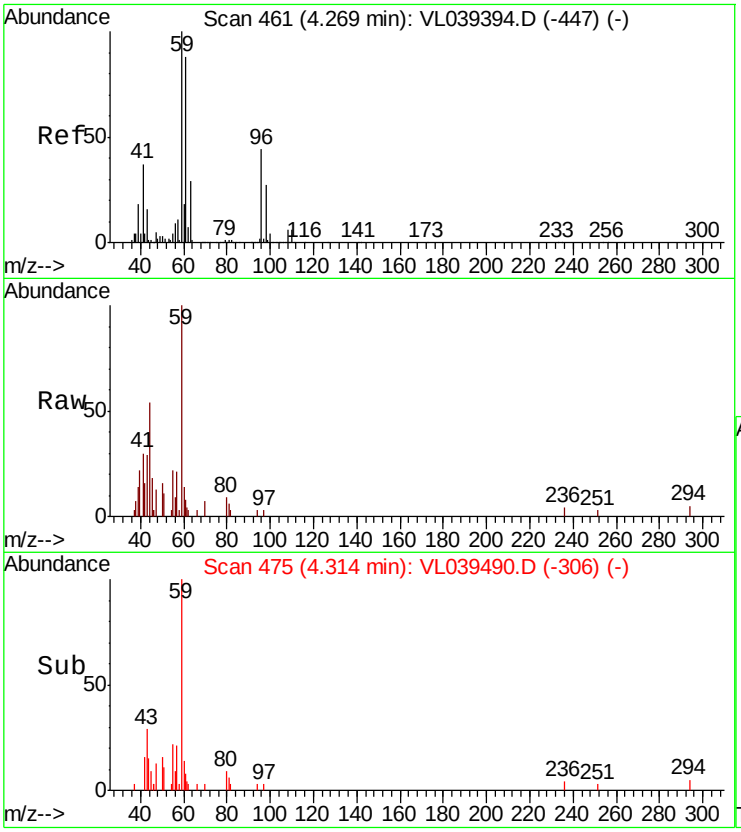


#16
1,3-Butadiene
Concen: 0.415 ppbv
RT: 3.31 min Scan# 163
Delta R.T. -0.01 min
Lab File: VL039490.D
Acq: 19 Jul 2022 20:30

Tgt Ion: 39 Resp: 31124

Ion	Ratio	Lower	Upper
39	100		
54	21.1	63.7	95.5#



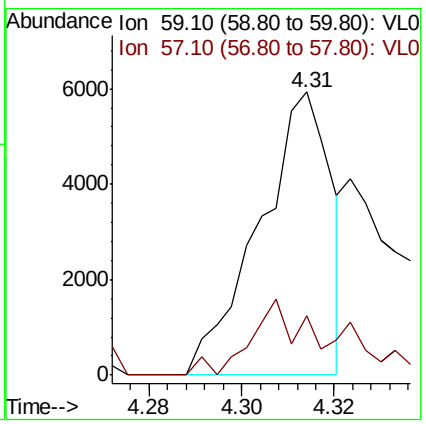


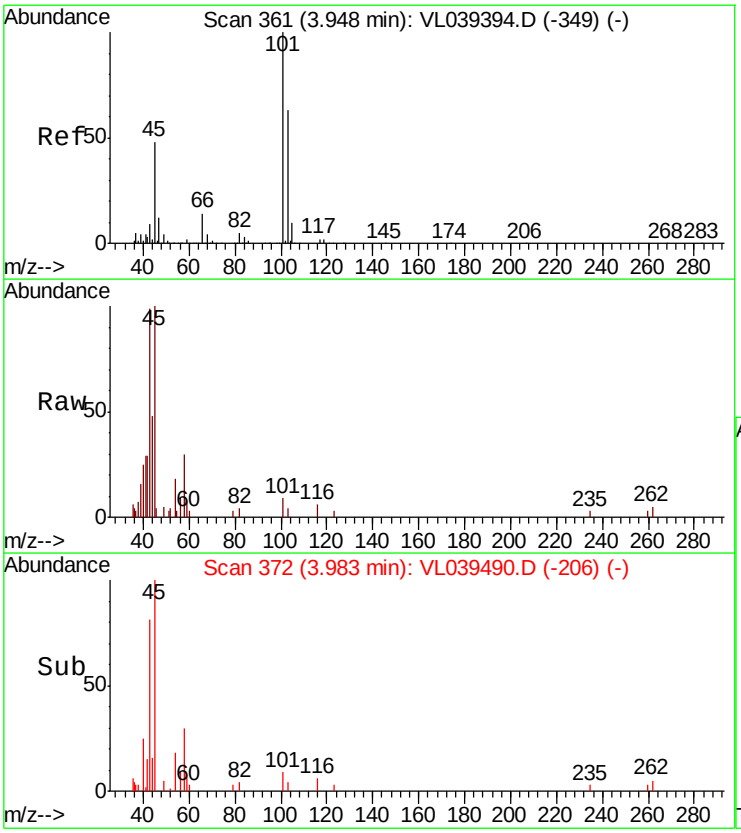
#17
tert-Butyl alcohol
Concen: 0.052 ppbv
RT: 4.31
Delta R.T
Lab File:
Acq: 19 Jul 2022 20:30

Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

Tgt Ion: 59 Resp: 6363

Ion	Ratio	Lower	Upper
59	100		
57	34.7	8.7	13.1#

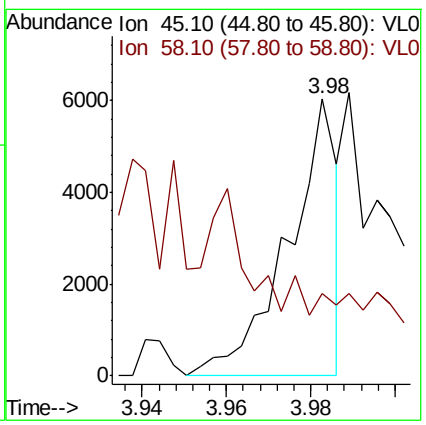


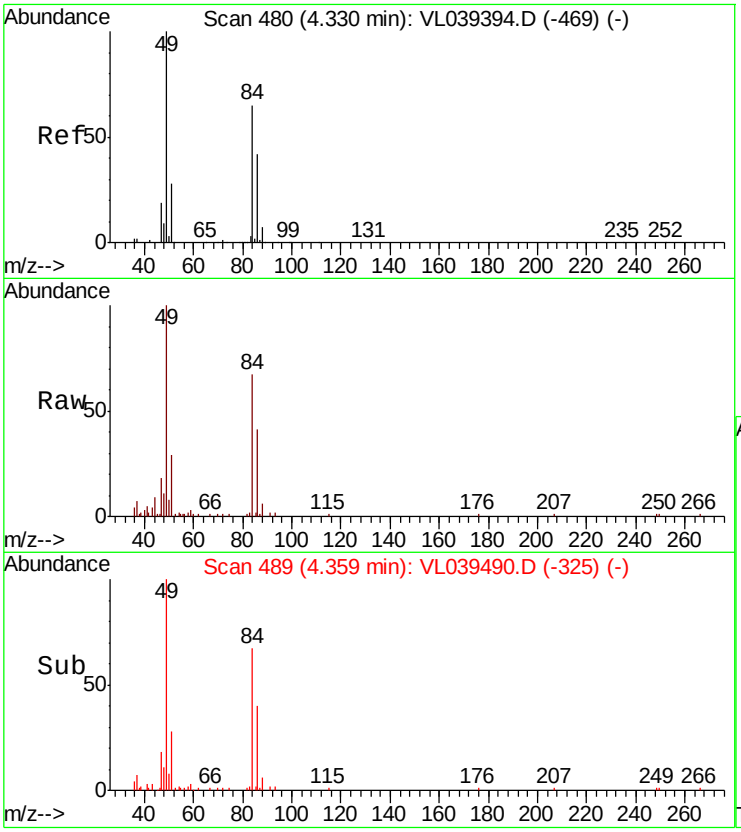


#19
Isopropyl Alcohol
Concen: 0.063 ppbv
RT: 3.98 min Scan# 372
Delta R.T. 0.04 min
Lab File: VL039490.D
Acq: 19 Jul 2022 20:30

Tgt Ion: 45 Resp: 4852

Ion	Ratio	Lower	Upper
45	100		
58	0.0	3.2	4.8#



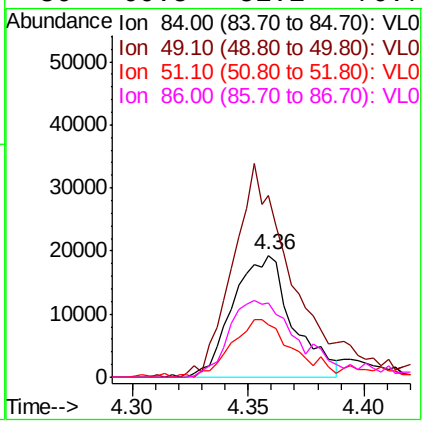


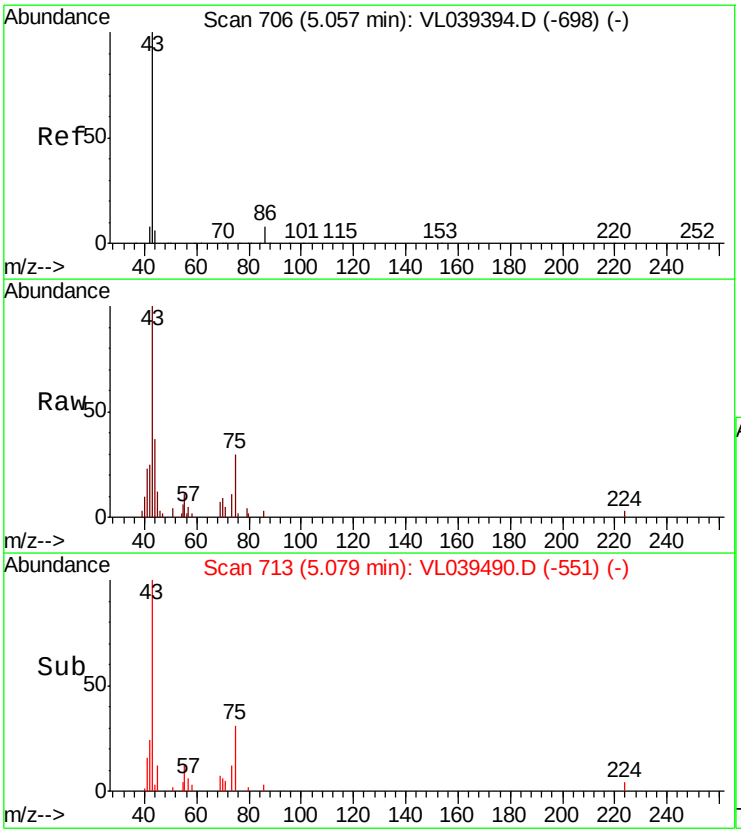
#20
Methylene Chloride
Concen: 0.599 ppbv
RT: 4.36
Delta R.T
Lab File:
Acq: 19 Jul 2022 20:30

Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

Tgt Ion: 84 Resp: 34545

Ion	Ratio	Lower	Upper
84	100		
49	145.8	123.1	184.7
51	40.6	34.4	51.6
86	60.5	51.1	76.7

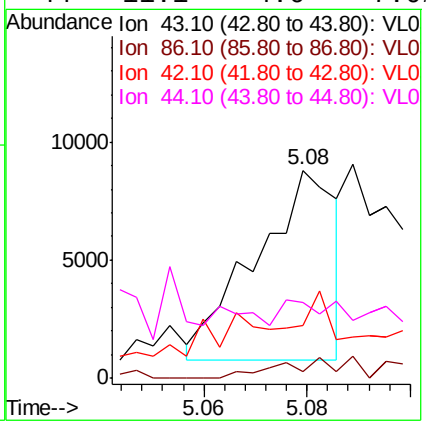


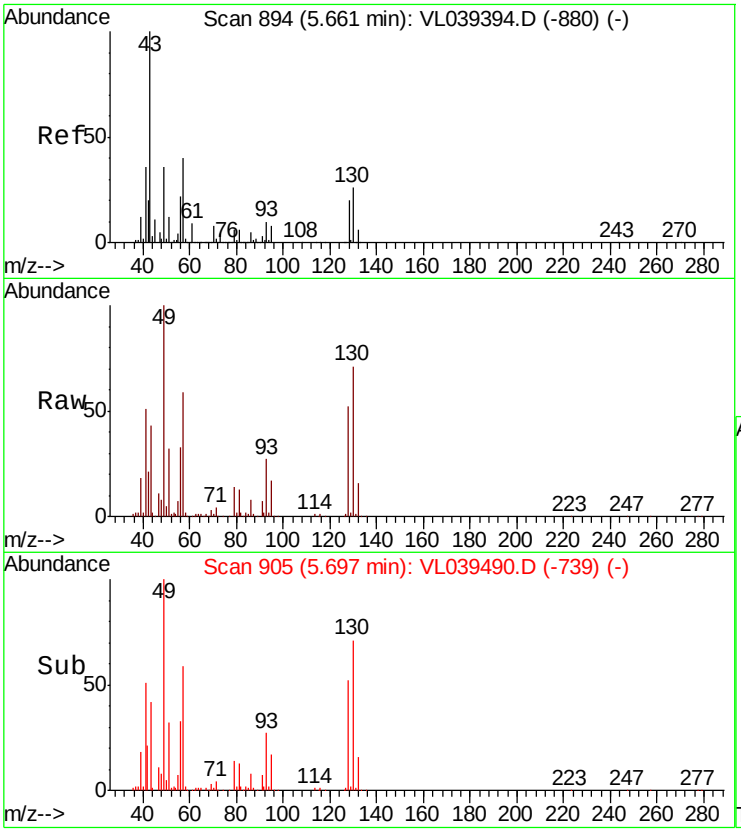


#23
Vinyl Acetate
Concen: 0.089 ppbv
RT: 5.08 min Scan# 713
Delta R.T. 0.02 min
Lab File: VL039490.D
Acq: 19 Jul 2022 20:30

Tgt Ion: 43 Resp: 8602

Ion	Ratio	Lower	Upper
43	100		
86	3.9	5.0	7.6#
42	17.6	7.7	11.5#
44	11.1	4.6	7.0#



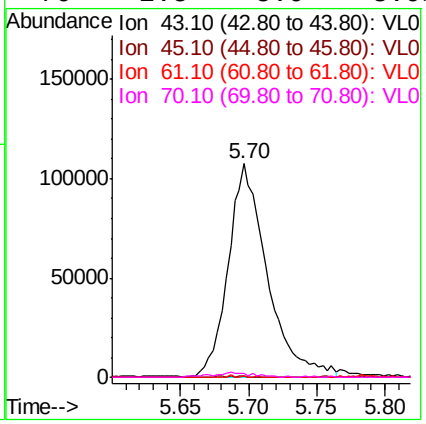


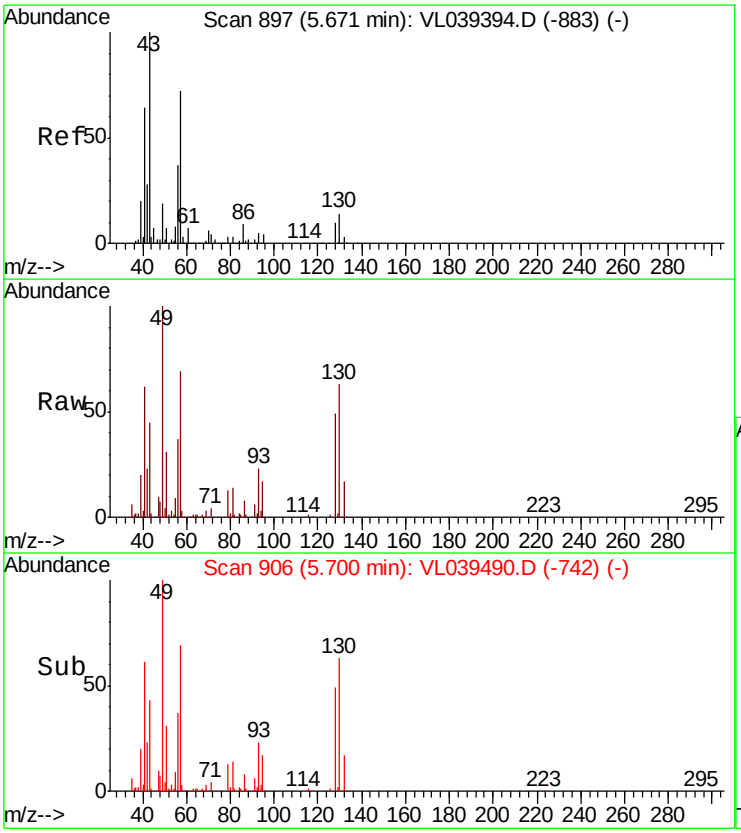
#25
Ethyl Acetate
Concen: 0.718 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 19 Jul 2022 20:30

Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

Tgt Ion: 43 Resp: 212801

Ion	Ratio	Lower	Upper
43	100		
45	0.5	8.2	12.4#
61	0.3	8.3	12.5#
70	2.5	5.9	8.9#

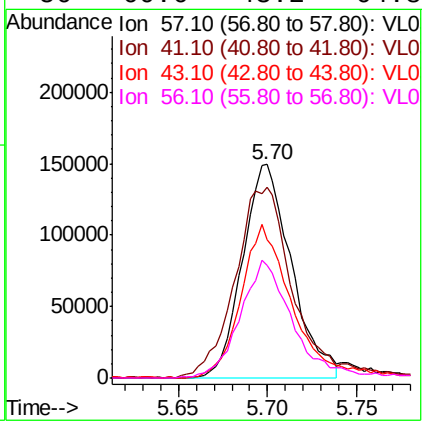


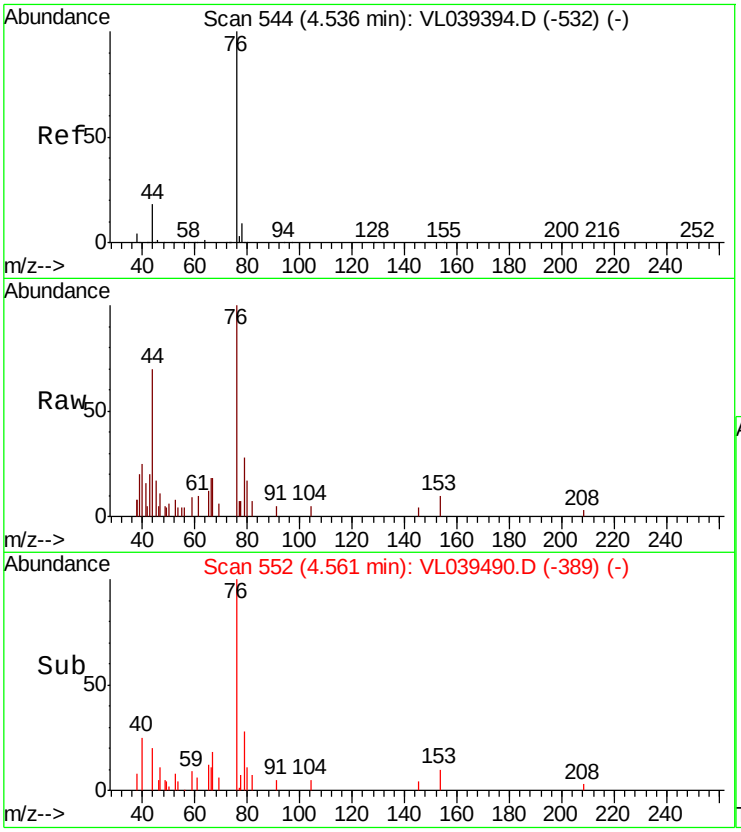


#26
Hexane
Concen: 2.381 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.03 min
Lab File: VL039490.D
Acq: 19 Jul 2022 20:30

Tgt Ion: 57 Resp: 284545

Ion	Ratio	Lower	Upper
57	100		
41	109.6	76.9	115.3
43	77.7	191.0	286.6#
56	60.6	43.2	64.8



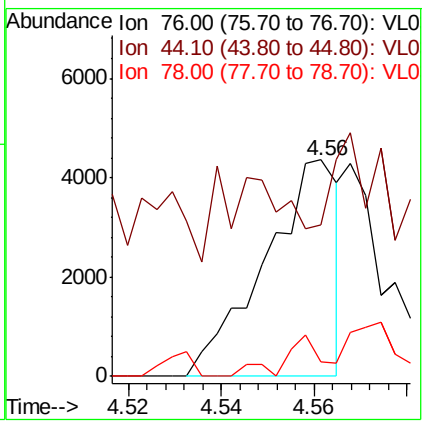


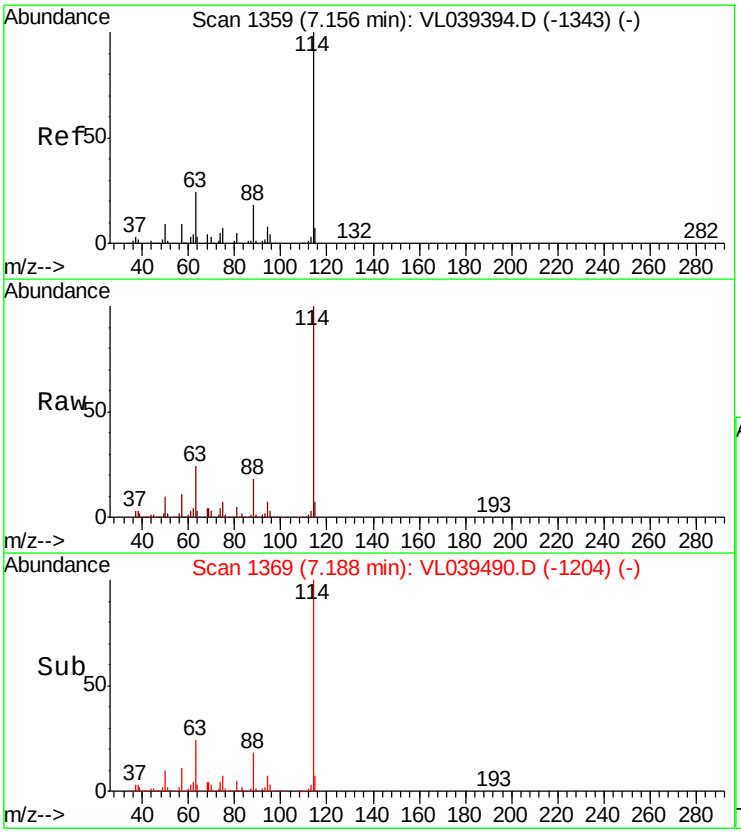
#27
Carbon Disulfide
Concen: 0.033 ppbv
RT: 4.56
Delta R.T
Lab File:
Acq: 19 Jul 2022 20:30

Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

Tgt Ion: 76 Resp: 4761

Ion	Ratio	Lower	Upper
76	100		
44	34.6	14.6	21.8#
78	0.0	7.8	11.6#

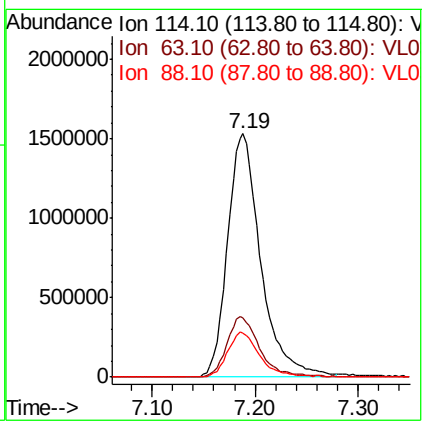


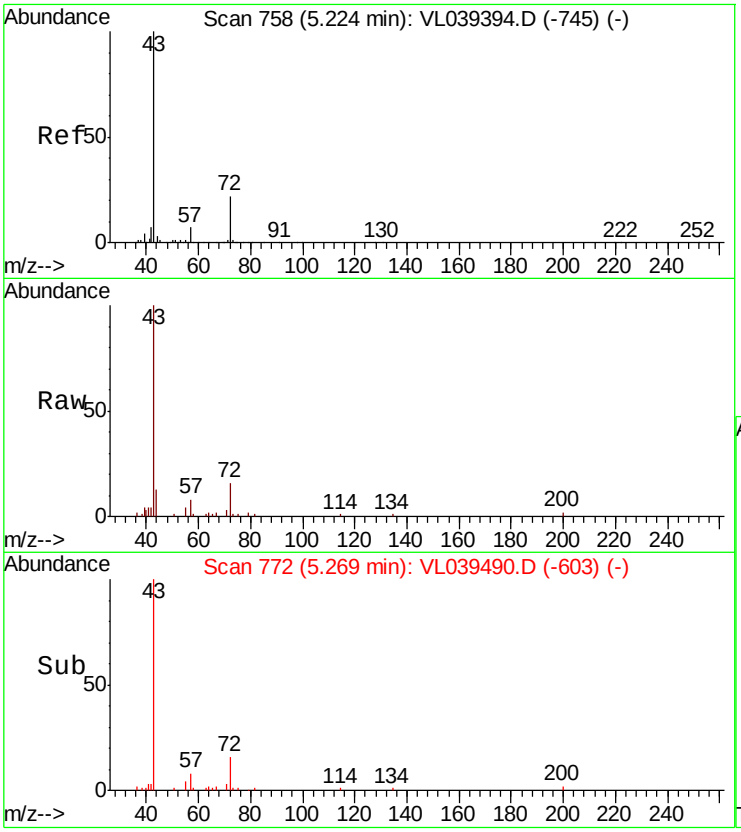


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. 0.03 min
Lab File: VL039490.D
Acq: 19 Jul 2022 20:30

Tgt Ion:114 Resp: 3442493

Ion	Ratio	Lower	Upper
114	100		
63	24.6	20.2	30.4
88	18.1	14.5	21.7



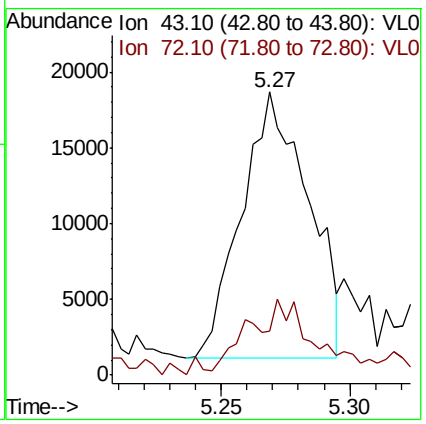


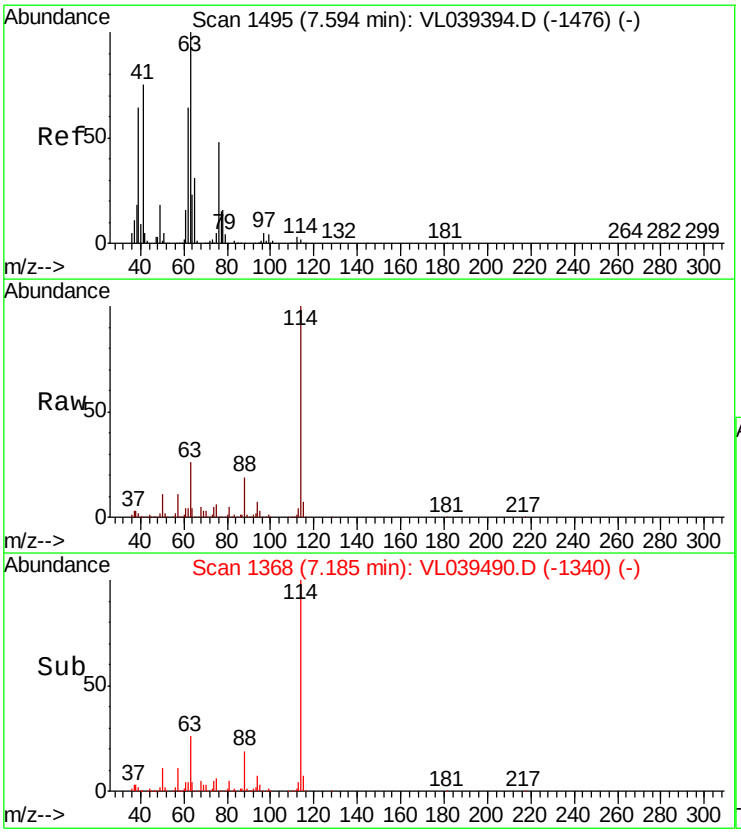
#34
2-Butanone
Concen: 0.184 ppbv
RT: 5.27
Delta R.T
Lab File:
Acq: 19 Jul 2022 20:30

Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

Tgt Ion: 43 Resp: 31846

Ion	Ratio	Lower	Upper
43	100		
72	34.4	17.9	26.9#

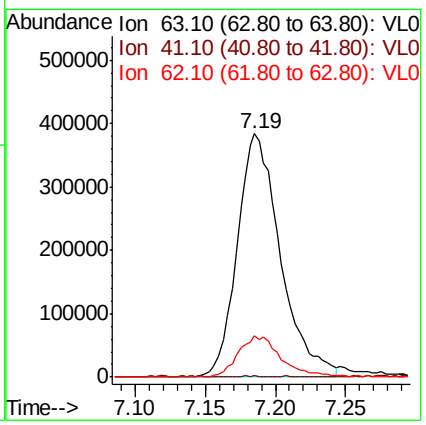


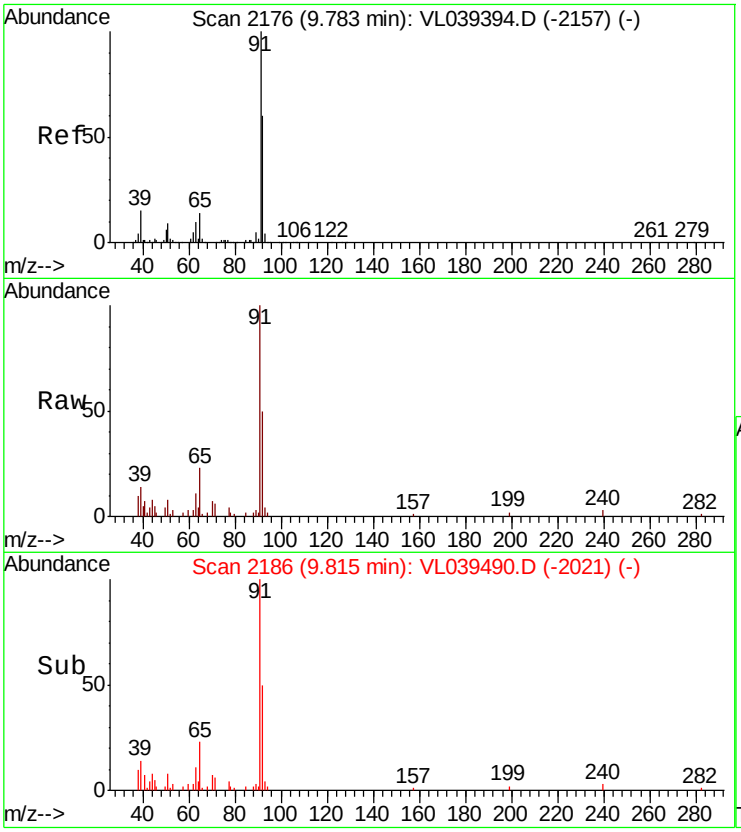


#39
1,2-Dichloropropane
Concen: 8.254 ppbv
RT: 7.19 min Scan# 1368
Delta R.T. -0.41 min
Lab File: VL039490.D
Acq: 19 Jul 2022 20:30

Tgt Ion: 63 Resp: 821581

Ion	Ratio	Lower	Upper
63	100		
41	0.3	59.6	89.4#
62	17.0	51.4	77.0#



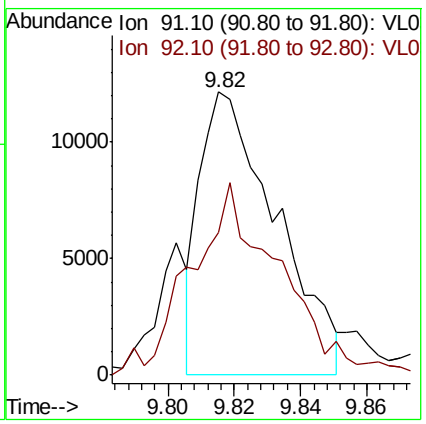


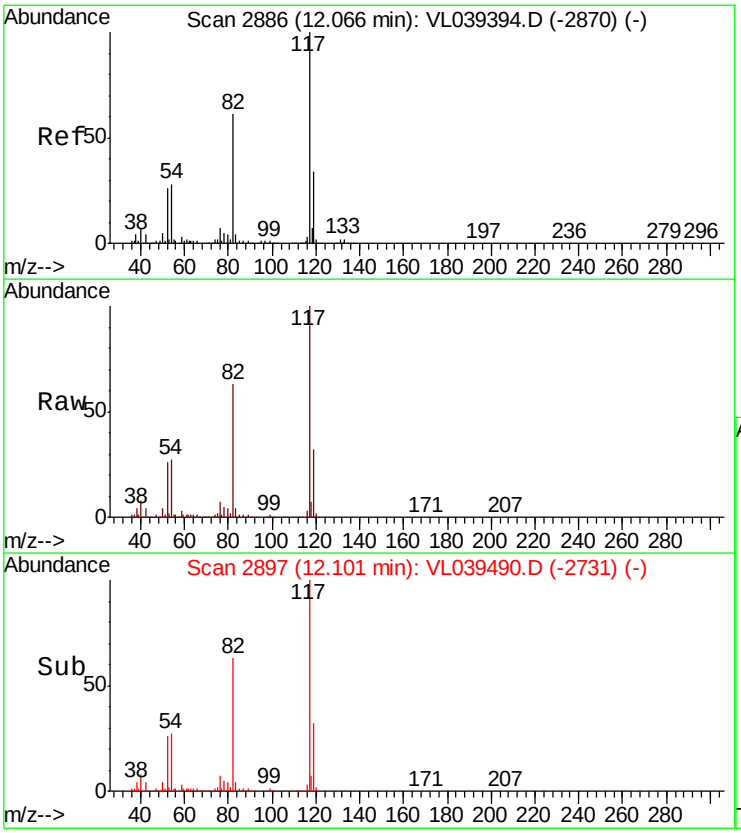
#53
Toluene
Concen: 0.063 ppbv
RT: 9.82
Delta R.T
Lab File:
Acq: 19 Jul 2022 20:30

Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

Tgt Ion: 91 Resp: 19390

Ion	Ratio	Lower	Upper
91	100		
92	79.6	48.2	72.2#

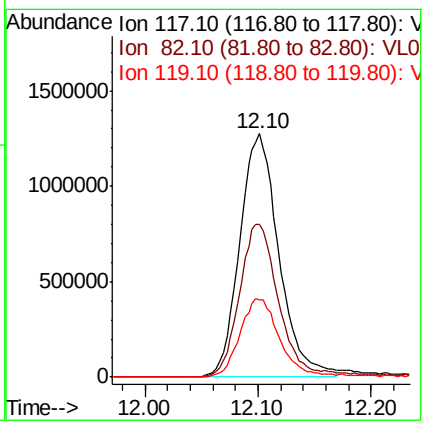


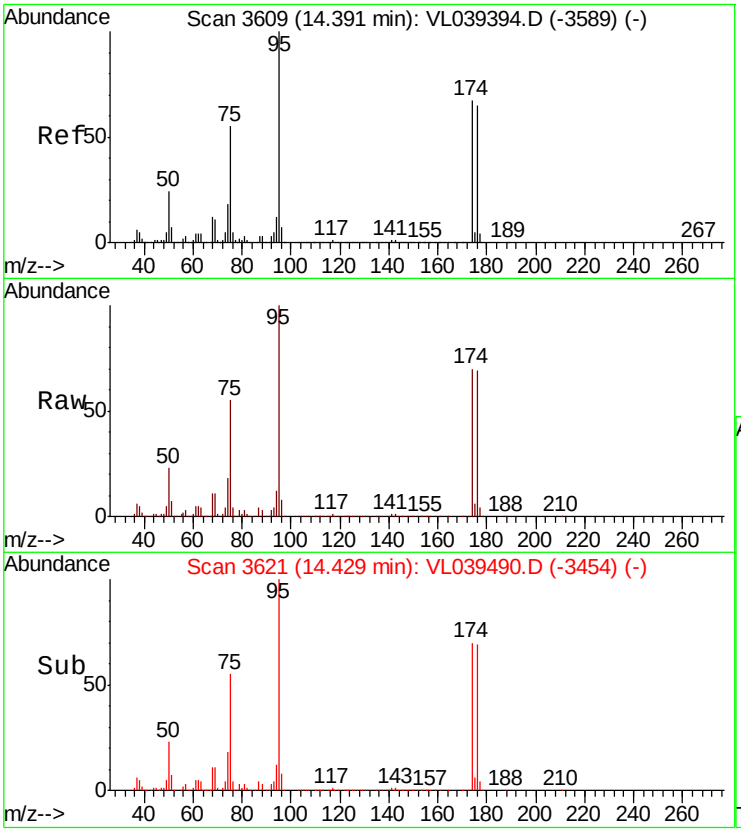


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.04 min
Lab File: VL039490.D
Acq: 19 Jul 2022 20:30

Tgt Ion:117 Resp: 3067019

Ion	Ratio	Lower	Upper
117	100		
82	65.2	50.8	76.2
119	33.9	24.1	36.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.073 ppbv
RT: 14.43
Delta R.T
Lab File:
Acq: 19 Jul 2022 20:30

Instrument :
MSVOA_L
ClientSampleId :
SV-3DL

Tgt Ion: 95 Resp: 2291799

Ion	Ratio	Lower	Upper
95	100		
174	75.0	55.9	83.9
175	5.5	4.2	6.4