Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038979.D
Acq On : 5 May 2022 19:21
Operator : SY/AP
Sample : N2698-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : OA1

Quant Time: May 06 07:29:44 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 07:41:27 2022
QLast Update : Thu May 05 07:41:27 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	1157276	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.17	114	2939162	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.07	117	2489665	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	1808502	9.17	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 91.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.05	85	52241	0.288	ppbv		98
3) Chlorodifluoromethane	2.99	51	68476	0.477	ppbv	#	85
4) Chloromethane	3.14	50	34989	0.487	ppbv		89
9) Propene	3.02	41	7769	0.124	ppbv	#	1
11) Trichlorofluoromethane	3.94	101	15243	0.098	ppbv		99
13) Ethanol	3.61	45	29722	6.069	ppbv	#	11
15) Acetone	3.85	43	210215	1.926	ppbv		93
20) Methylene Chloride	4.34	84	382029	9.285	ppbv		89
23) Vinyl Acetate	5.07	43	3405	0.039	ppbv	#	15
25) Ethyl Acetate	5.68	43	352501	1.349	ppbv	#	77
26) Hexane	5.68	57	506313	4.361	ppbv	#	38
34) 2-Butanone	5.25	43	9623	0.064	ppbv	#	18
35) Carbon Tetrachloride	7.01	117	7562	0.039	ppbv	#	62
36) Benzene	6.88	78	17889	0.071	ppbv	#	85
39) 1,2-Dichloropropane	7.17	63	741332	7.575	ppbv	#	25
44) 2,2,4-Trimethylpentane	7.86	57	21187	0.048	ppbv	#	36
53) Toluene	9.80	91	41240	0.146	ppbv	#	51

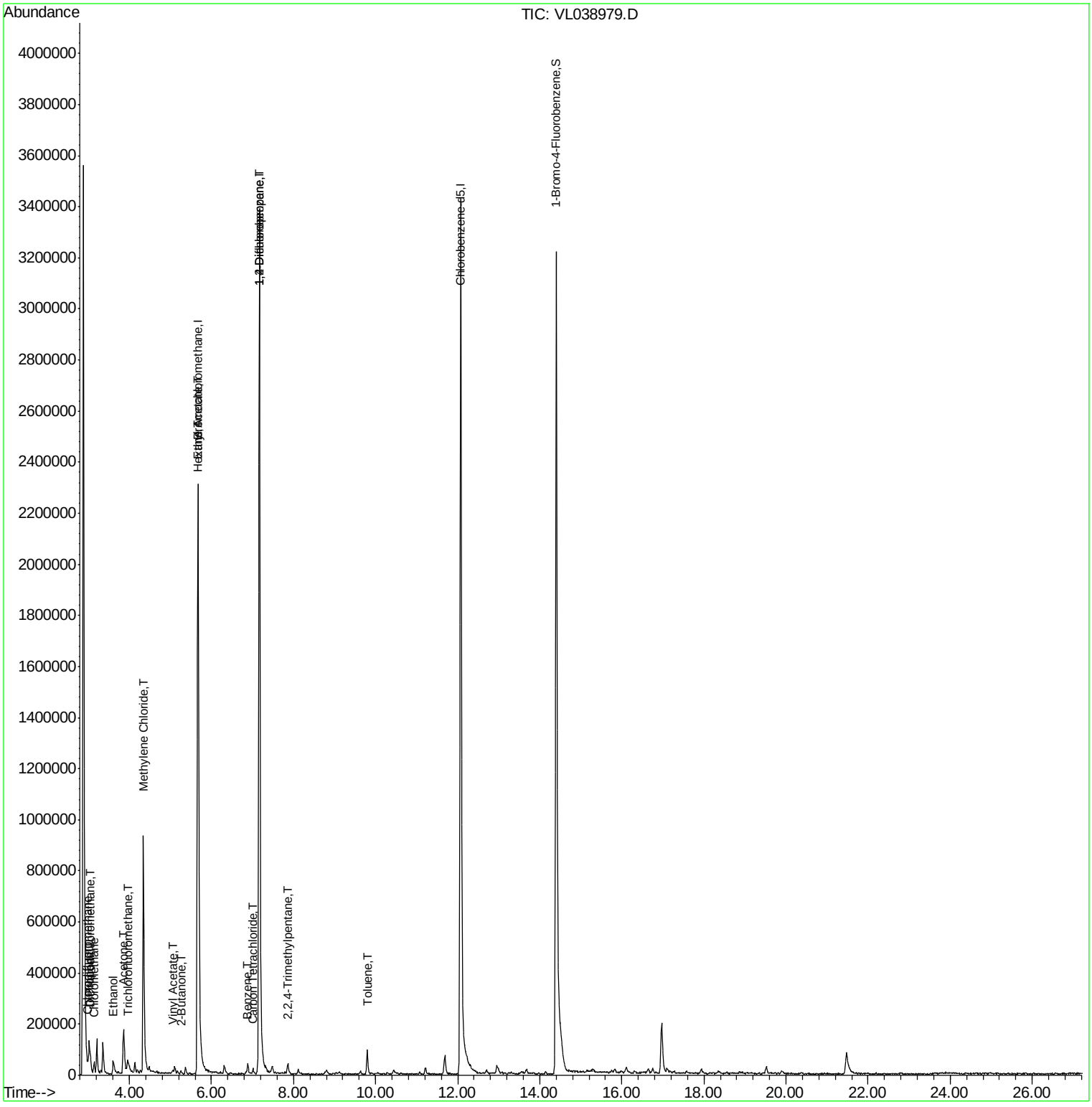
(#) = qualifier out of range (m) = manual integration (+) = signals summed

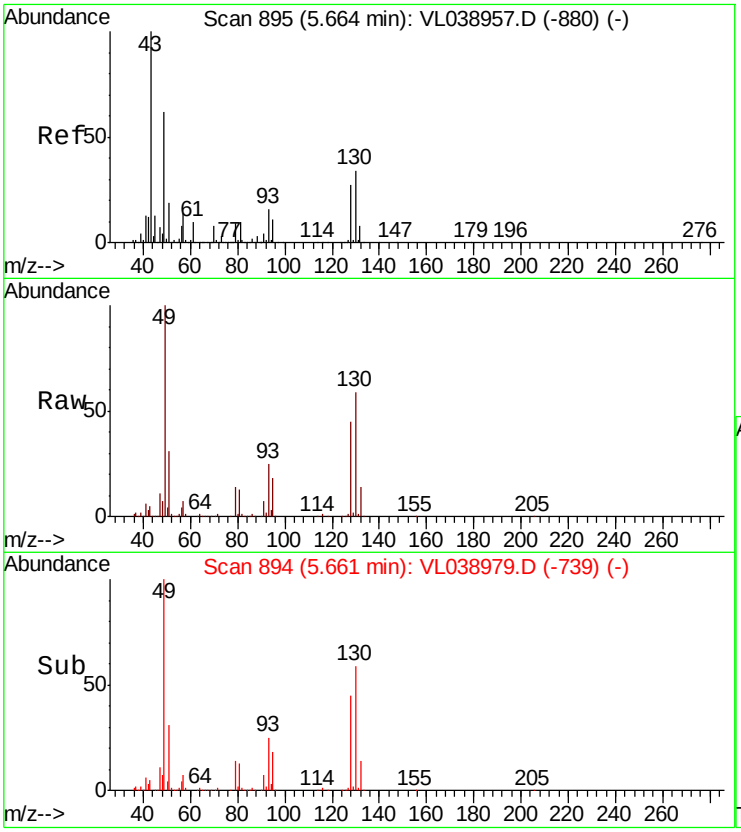
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038979.D
Acq On : 5 May 2022 19:21
Operator : SY/AP
Sample : N2698-05
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA1

Quant Time: May 06 07:29:44 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 07:41:27 2022
QLast Update : Thu May 05 07:41:27 2022
Response via : Initial Calibration



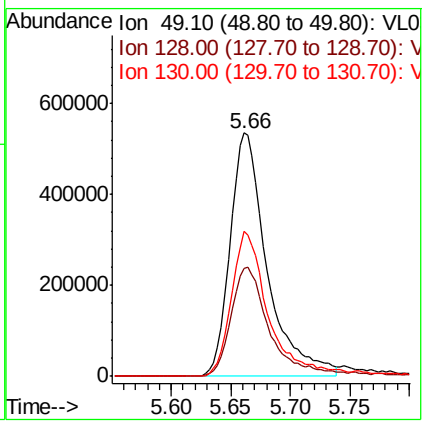


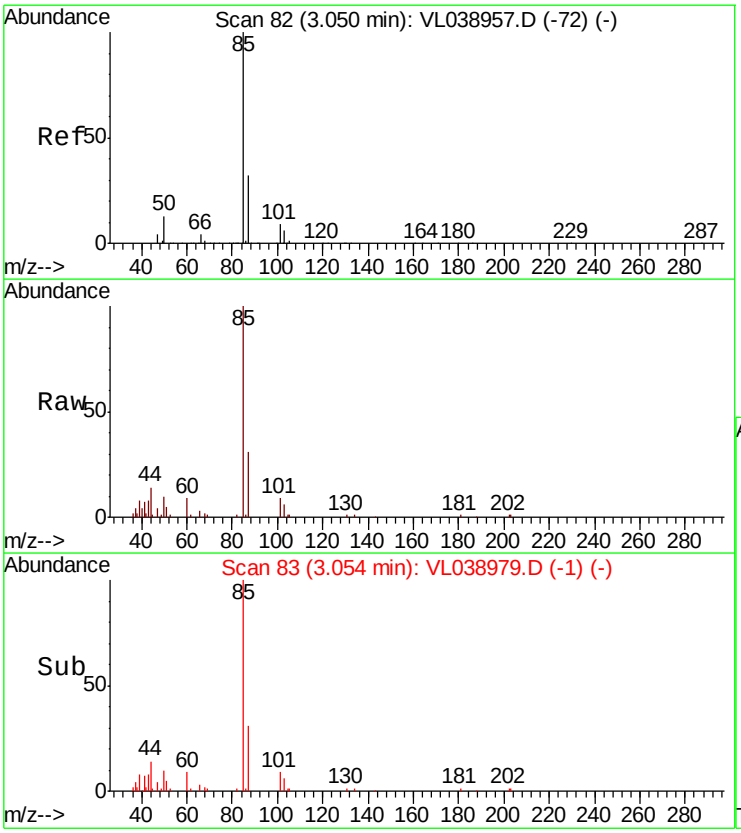
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 5 May 2022 19:21

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 49 Resp: 1157276

Ion	Ratio	Lower	Upper
49	100		
128	47.4	23.3	69.8
130	61.5	29.8	89.3

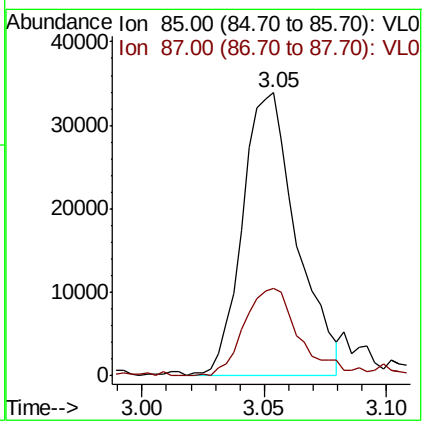


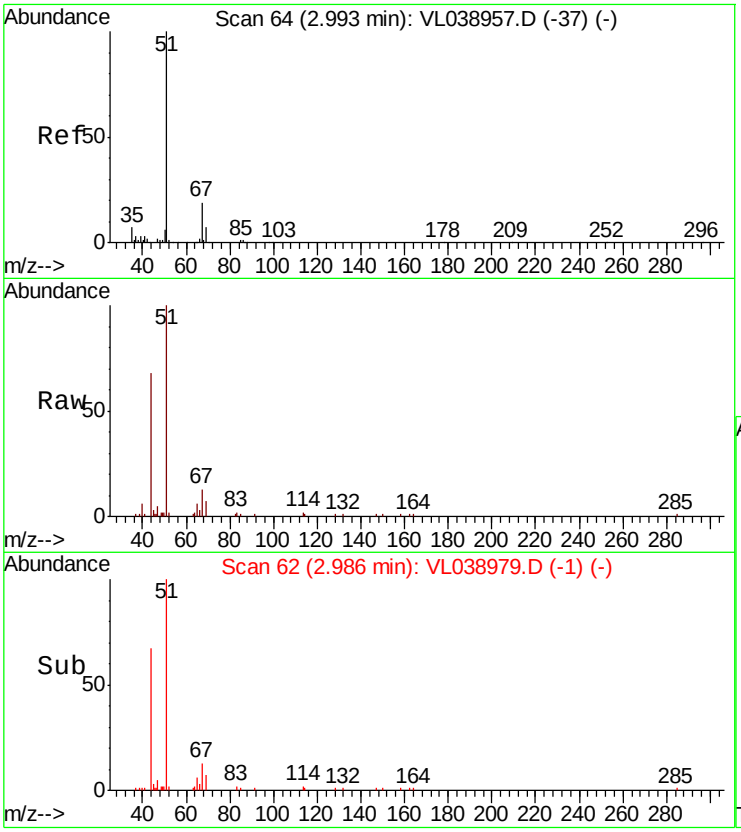


#2
Dichlorodifluoromethane
Concen: 0.288 ppbv
RT: 3.05 min Scan# 83
Delta R.T. 0.00 min
Lab File: VL038979.D
Acq: 5 May 2022 19:21

Tgt Ion: 85 Resp: 52241

Ion	Ratio	Lower	Upper
85	100		
87	30.8	25.7	38.5



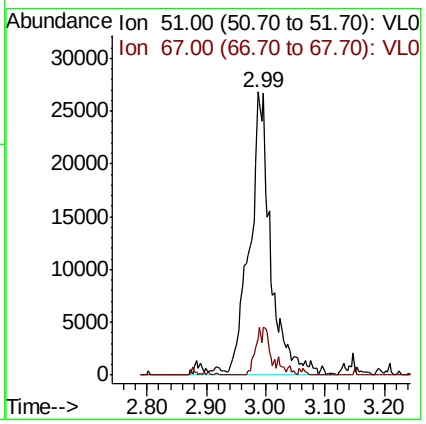


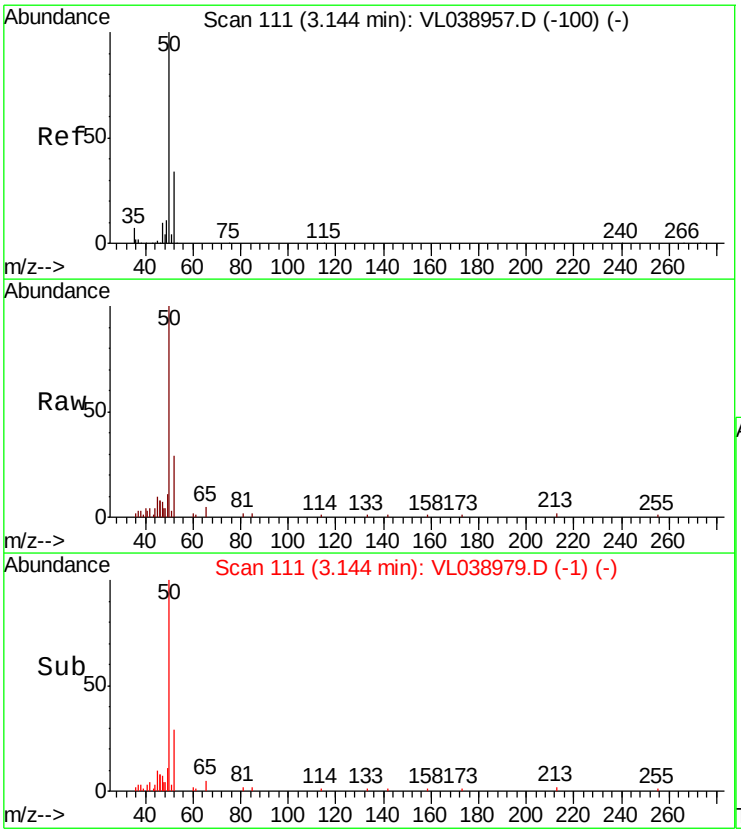
#3
Chlorodifluoromethane
Concen: 0.477 ppbv
RT: 2.99
Delta R.T
Lab File:
Acq: 5 May 2022 19:21

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 51 Resp: 68476

Ion	Ratio	Lower	Upper
51	100		
67	13.2	15.8	23.8#

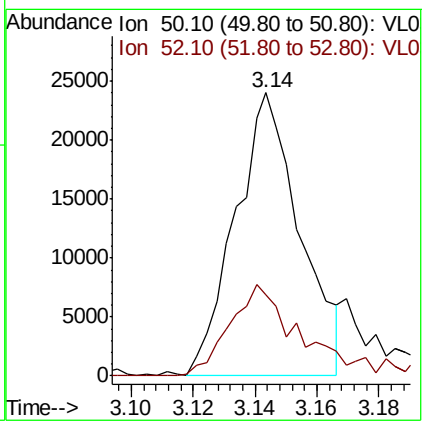


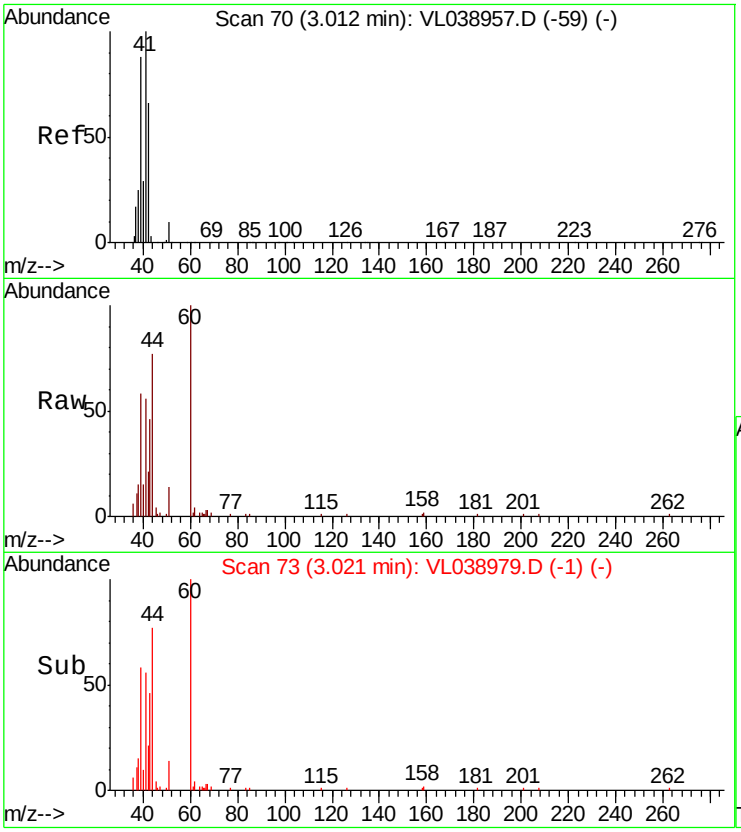


#4
Chloromethane
Concen: 0.487 ppbv
RT: 3.14 min Scan# 111
Delta R.T. 0.00 min
Lab File: VL038979.D
Acq: 5 May 2022 19:21

Tgt Ion: 50 Resp: 34989

Ion	Ratio	Lower	Upper
50	100		
52	28.1	27.3	40.9



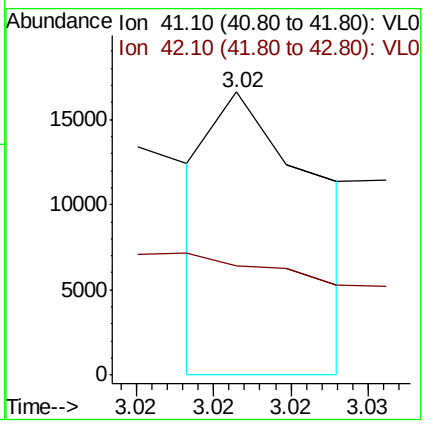


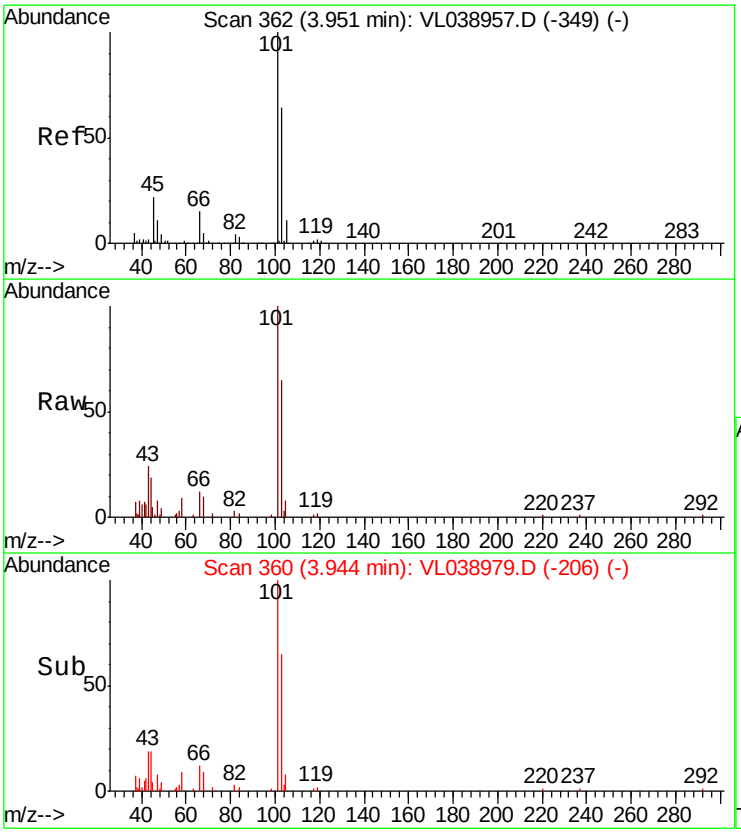
#9
Propene
Concen: 0.124 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 5 May 2022 19:21

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 41 Resp: 7769

Ion	Ratio	Lower	Upper
41	100		
42	201.6	58.3	87.5#

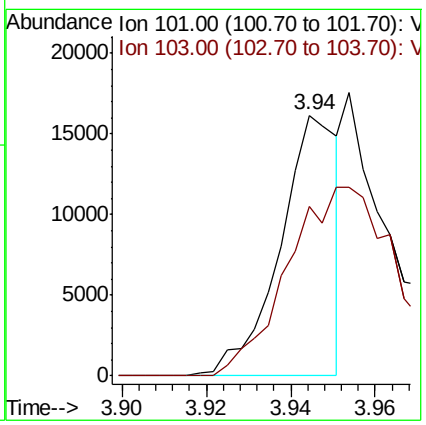


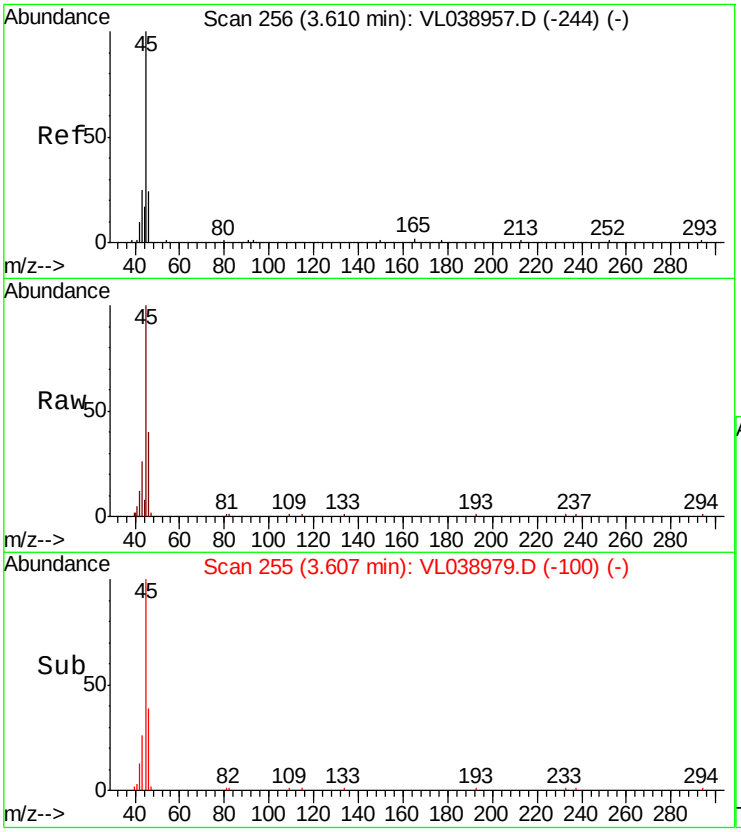


#11
Trichlorofluoromethane
Concen: 0.098 ppbv
RT: 3.94 min Scan# 360
Delta R.T. -0.01 min
Lab File: VL038979.D
Acq: 5 May 2022 19:21

Tgt Ion:101 Resp: 15243

Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.5	77.3



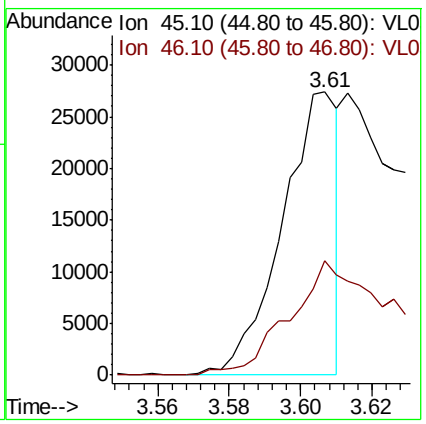


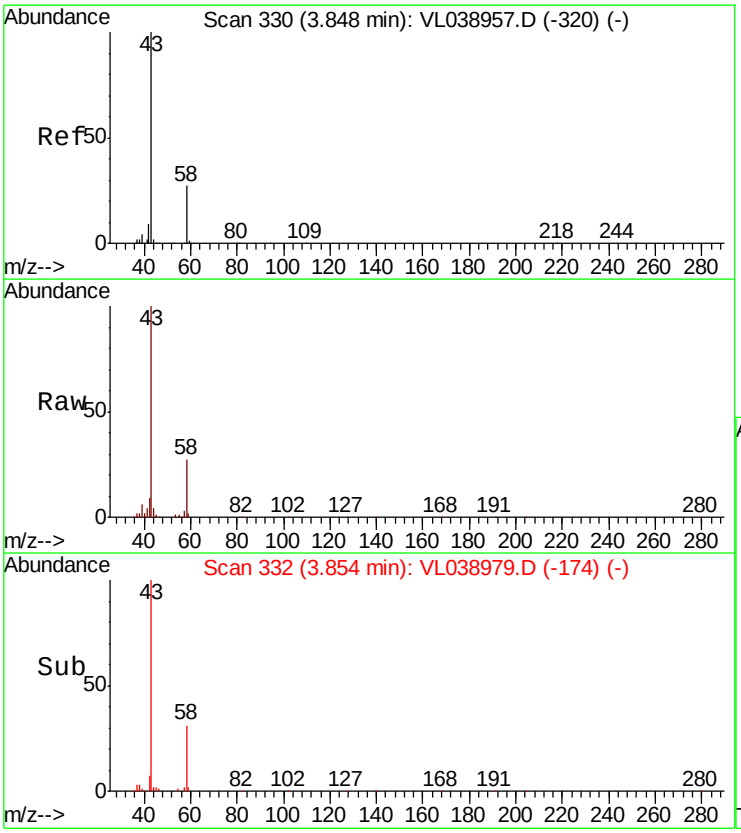
#13
Ethanol
Concen: 6.069 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 5 May 2022 19:21

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 45 Resp: 29722

Ion	Ratio	Lower	Upper
45	100		
46	103.6	18.0	72.2#

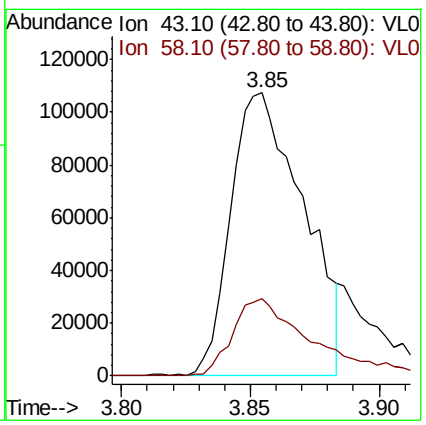


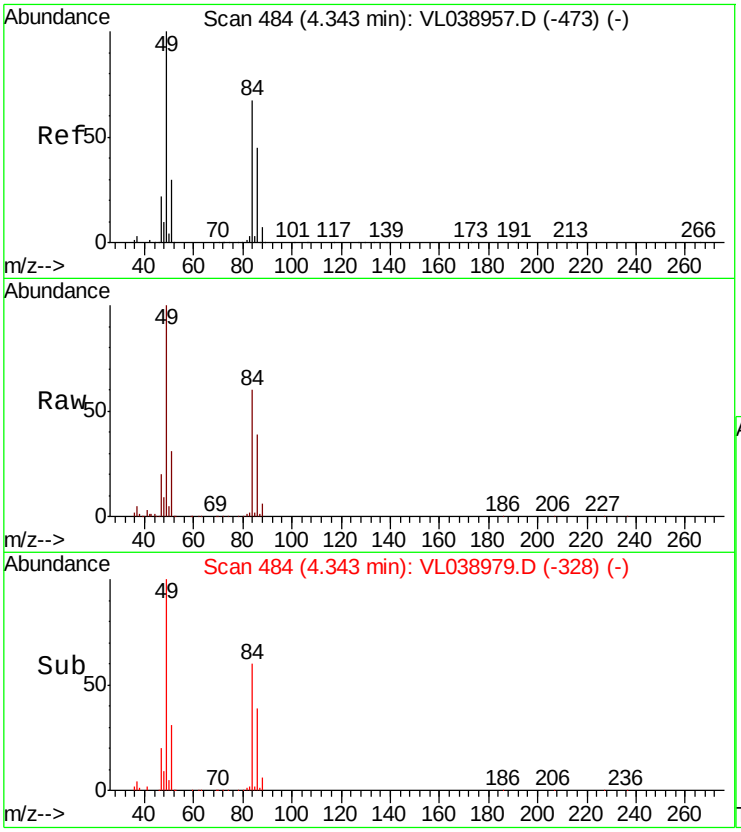


#15
Acetone
Concen: 1.926 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.01 min
Lab File: VL038979.D
Acq: 5 May 2022 19:21

Tgt Ion: 43 Resp: 210215

Ion	Ratio	Lower	Upper
43	100		
58	30.4	21.3	31.9



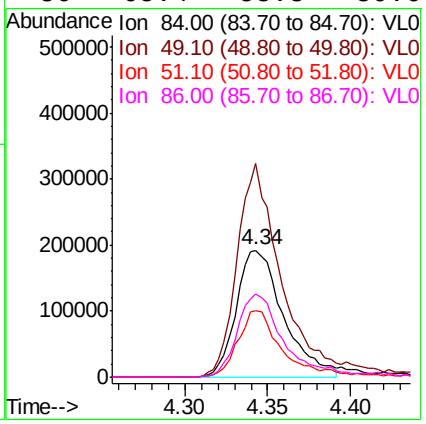


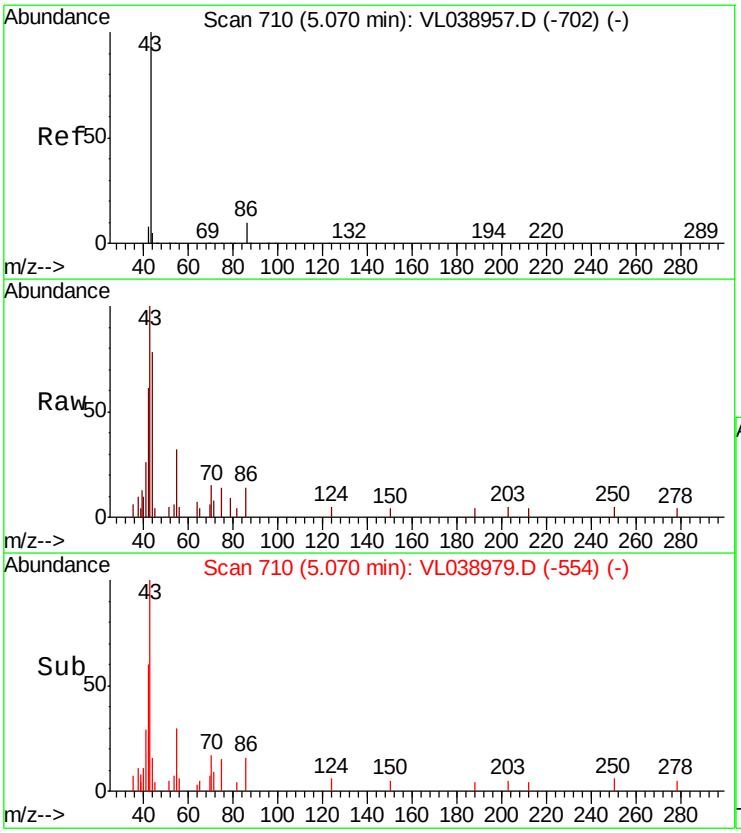
#20
Methylene Chloride
Concen: 9.285 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 5 May 2022 19:21

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 84 Resp: 382029

Ion	Ratio	Lower	Upper
84	100		
49	168.0	119.9	179.9
51	52.7	35.7	53.5
86	65.4	53.8	80.6

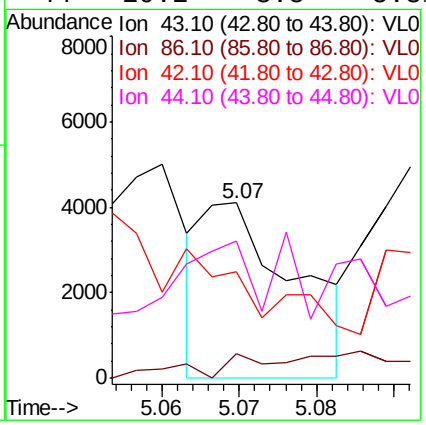


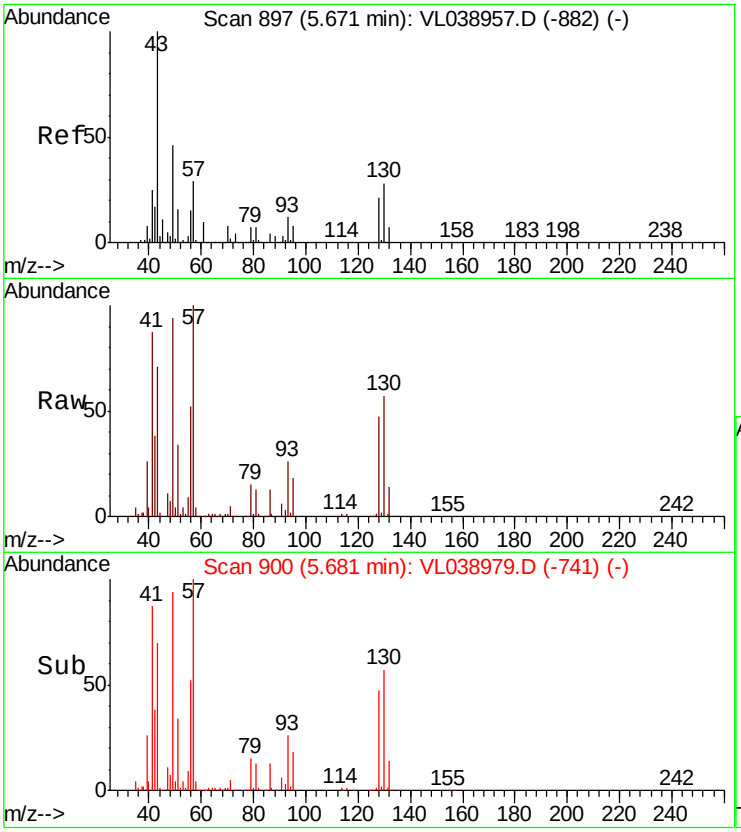


#23
Vinyl Acetate
Concen: 0.039 ppbv
RT: 5.07 min Scan# 710
Delta R.T. 0.00 min
Lab File: VL038979.D
Acq: 5 May 2022 19:21

Tgt Ion: 43 Resp: 3405

Ion	Ratio	Lower	Upper
43	100		
86	12.2	6.6	9.8#
42	65.4	8.1	12.1#
44	29.2	3.5	5.3#



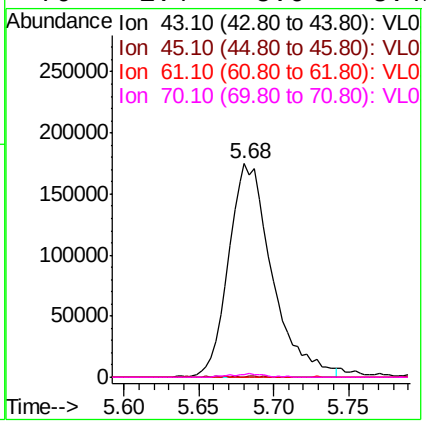


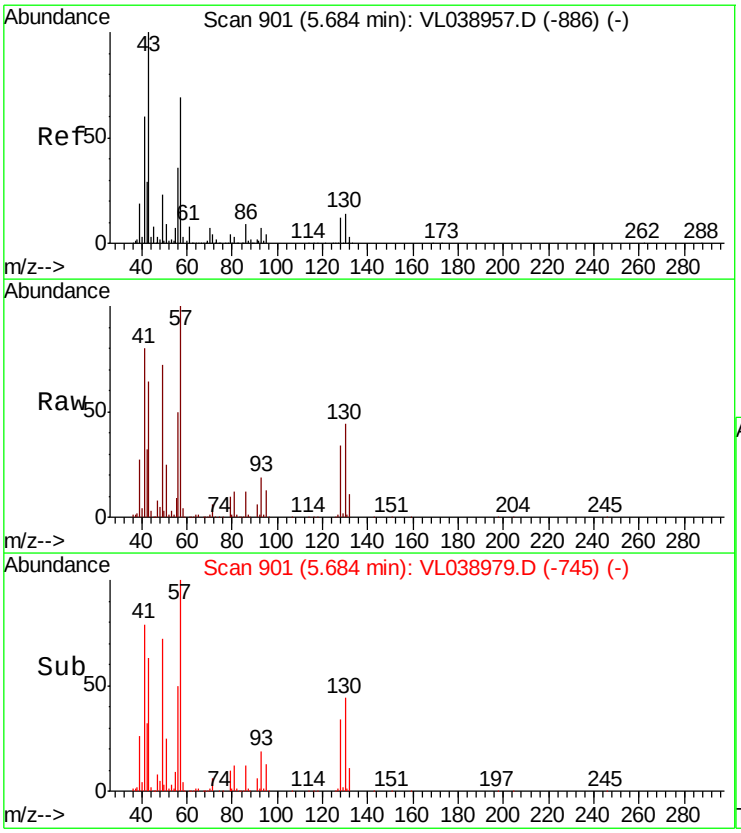
#25
Ethyl Acetate
Concen: 1.349 ppbv
RT: 5.68
Delta R.T
Lab File:
Acq: 5 May 2022 19:21

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 43 Resp: 352501

Ion	Ratio	Lower	Upper
43	100		
45	0.7	8.1	12.1#
61	0.2	7.8	11.6#
70	1.4	5.6	8.4#

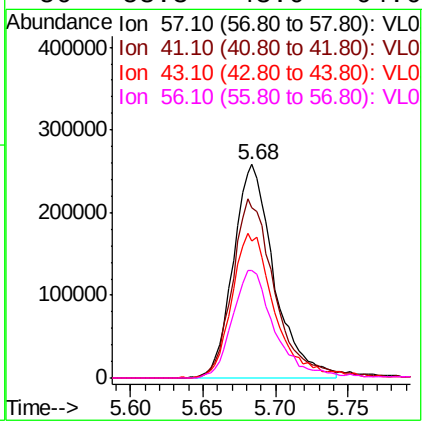


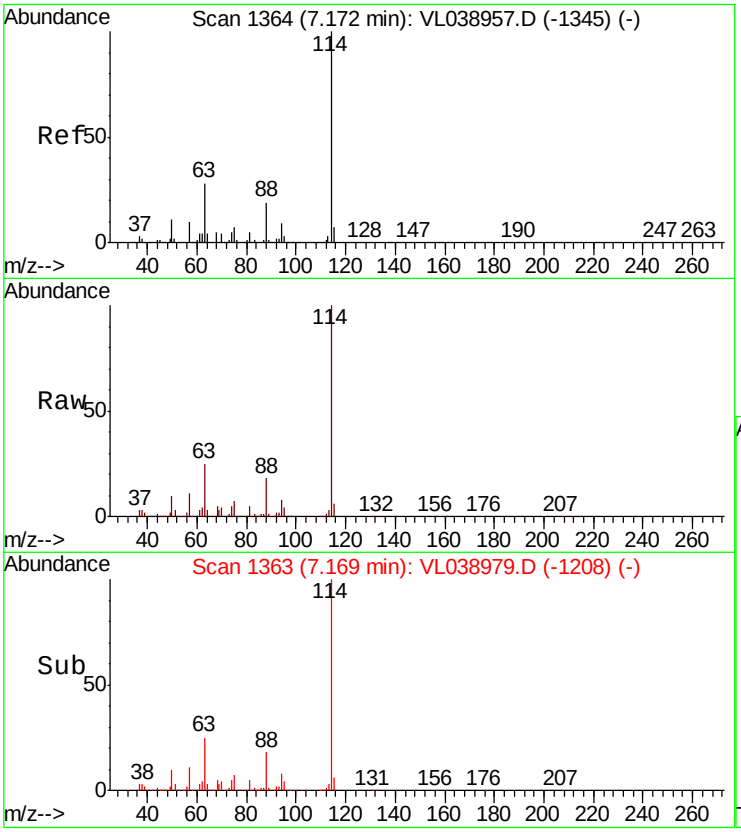


#26
Hexane
Concen: 4.361 ppbv
RT: 5.68 min Scan# 901
Delta R.T. 0.00 min
Lab File: VL038979.D
Acq: 5 May 2022 19:21

Tgt Ion: 57 Resp: 506313

Ion	Ratio	Lower	Upper
57	100		
41	88.7	75.2	112.8
43	72.4	190.8	286.2#
56	53.3	43.0	64.6



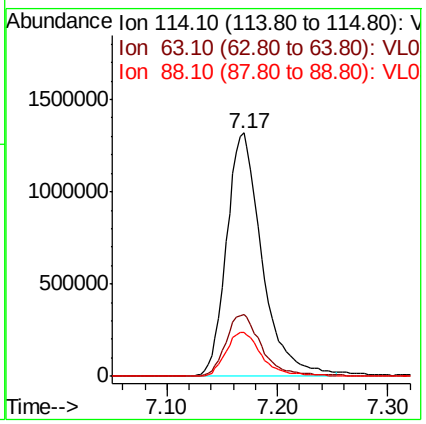


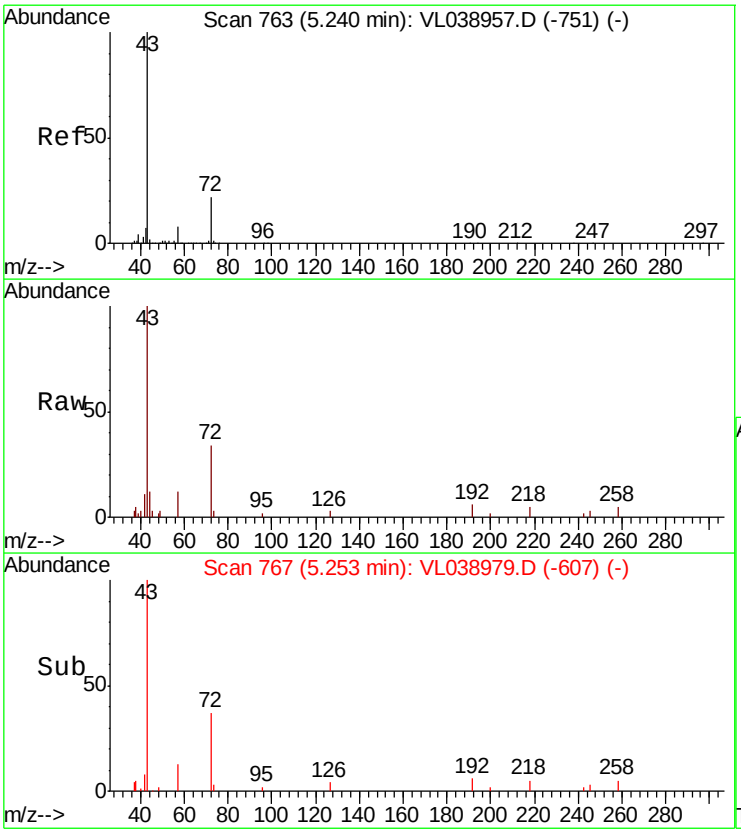
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 5 May 2022 19:21

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion:114 Resp: 2939162

Ion	Ratio	Lower	Upper
114	100		
63	26.5	22.6	33.8
88	18.8	15.4	23.0

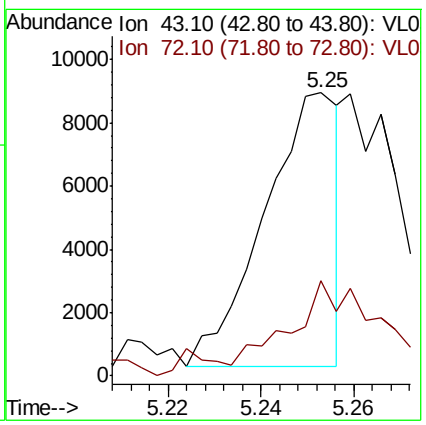


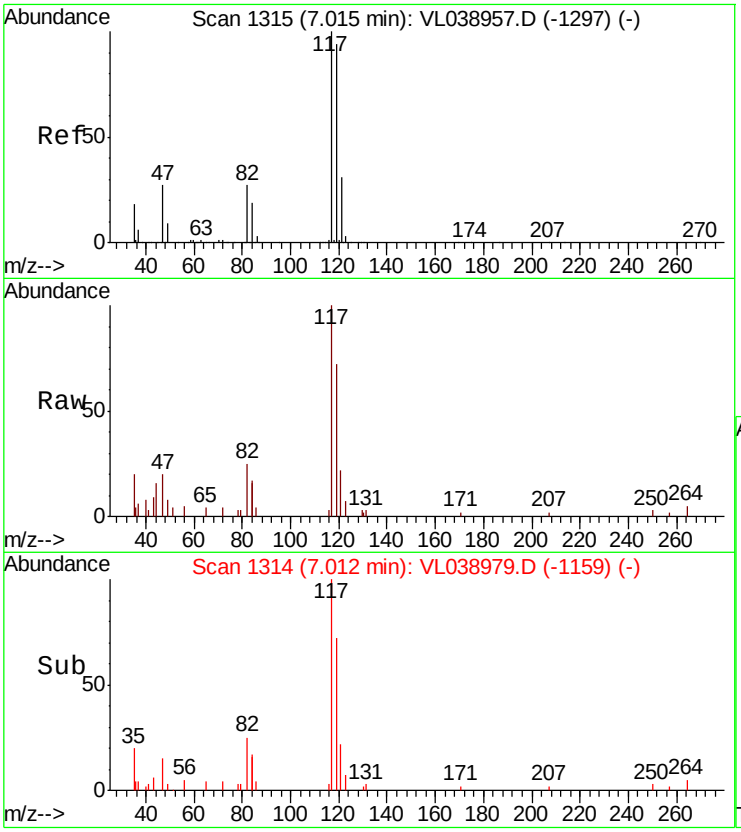


#34
2-Butanone
Concen: 0.064 ppbv
RT: 5.25 min Scan# 767
Delta R.T. 0.01 min
Lab File: VL038979.D
Acq: 5 May 2022 19:21

Tgt Ion: 43 Resp: 9623

Ion	Ratio	Lower	Upper
43	100		
72	61.2	17.8	26.6#



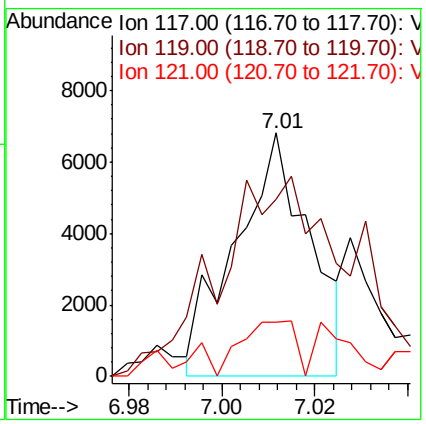


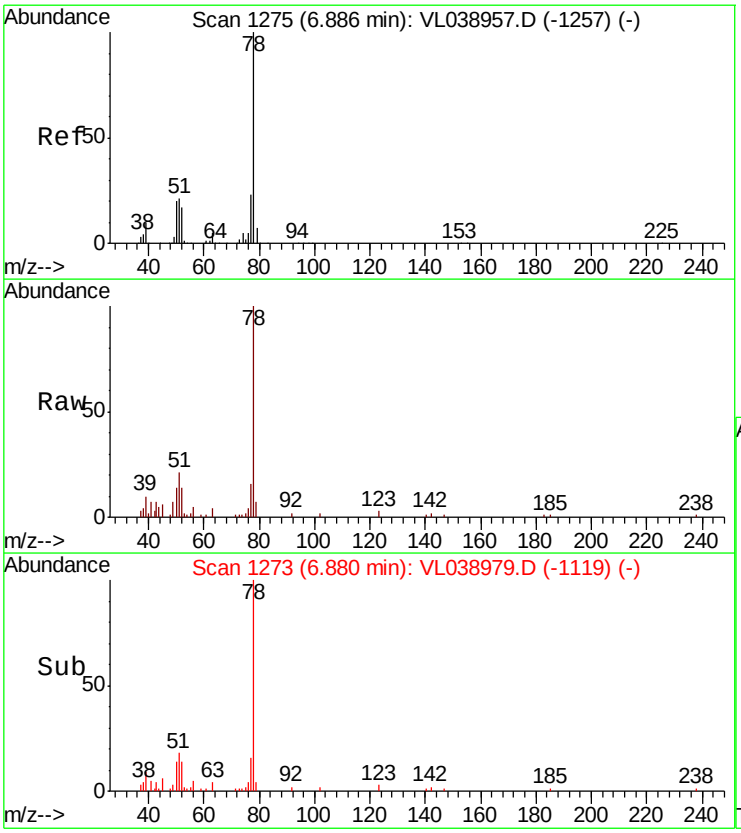
#35
Carbon Tetrachloride
Concen: 0.039 ppbv
RT: 7.01
Delta R.T
Lab File:
Acq: 5 May 2022 19:21

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion:117 Resp: 7562

Ion	Ratio	Lower	Upper
117	100		
119	52.5	75.2	112.8#
121	17.4	24.6	37.0#

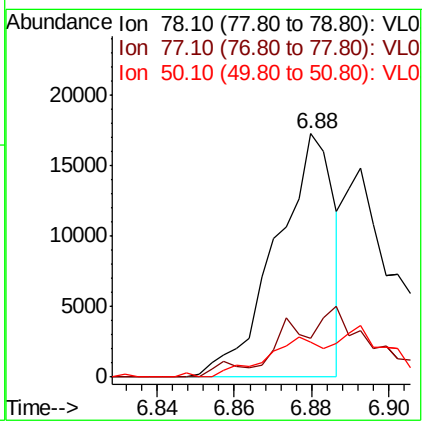


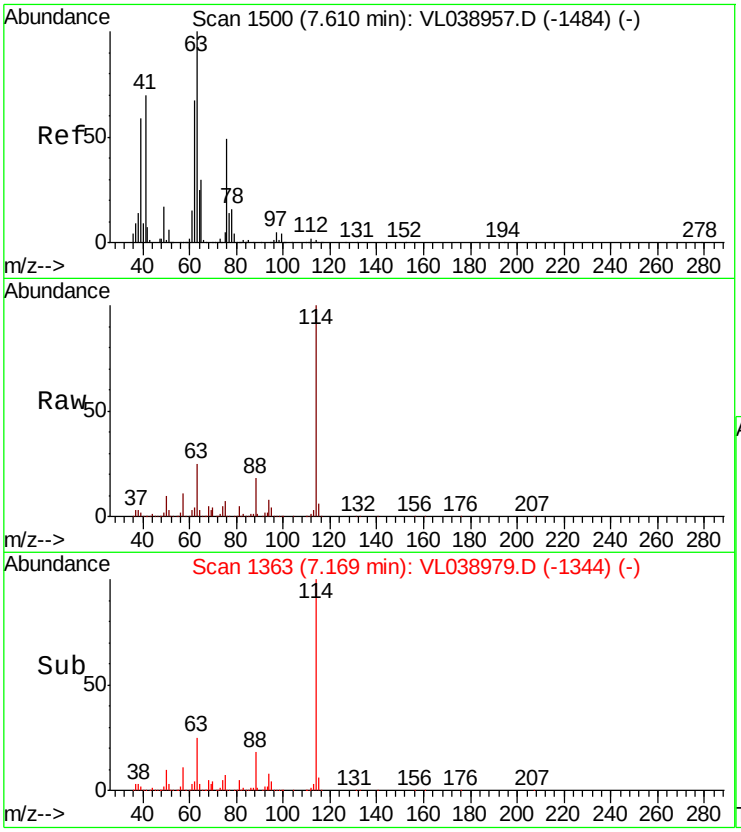


#36
Benzene
Concen: 0.071 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VL038979.D
Acq: 5 May 2022 19:21

Tgt Ion: 78 Resp: 17889

Ion	Ratio	Lower	Upper
78	100		
77	15.8	18.6	28.0#
50	12.8	15.6	23.4#



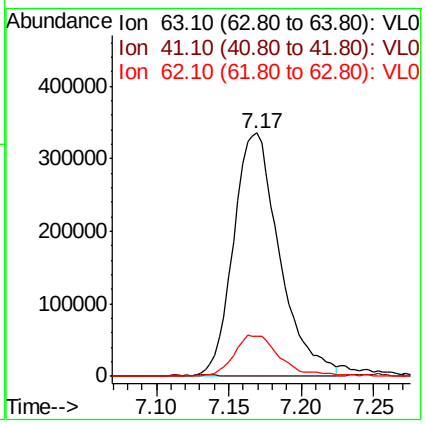


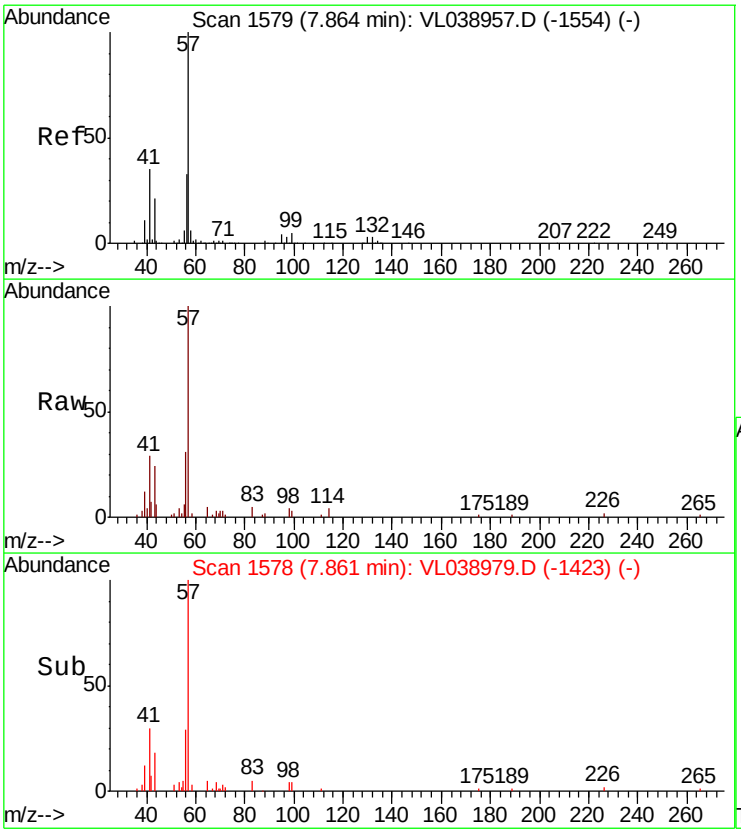
#39
1,2-Dichloropropane
Concen: 7.575 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 5 May 2022 19:21

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 63 Resp: 741332

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	16.3	53.8	80.6#

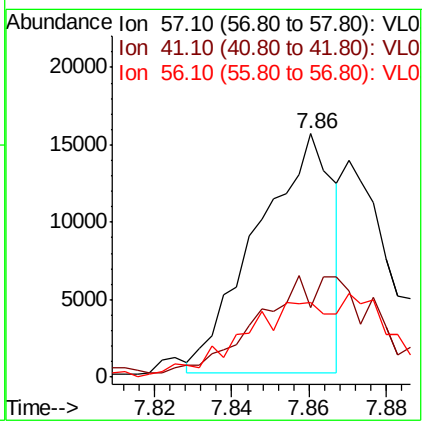


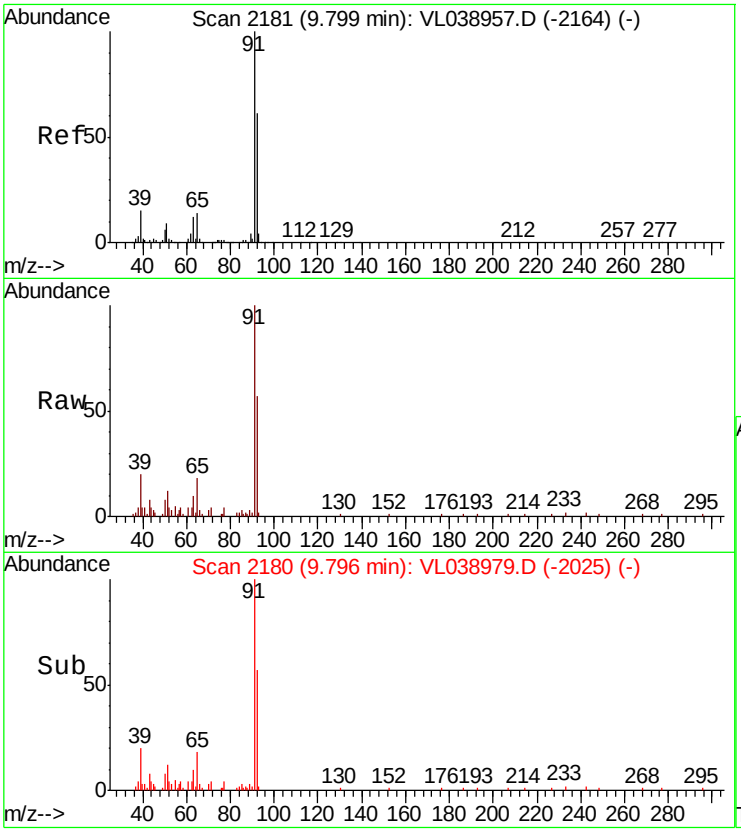


#44
2,2,4-Trimethylpentane
Concen: 0.048 ppbv
RT: 7.86 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VL038979.D
Acq: 5 May 2022 19:21

Tgt Ion: 57 Resp: 21187

Ion	Ratio	Lower	Upper
57	100		
41	72.9	26.3	39.5#
56	0.0	24.6	37.0#



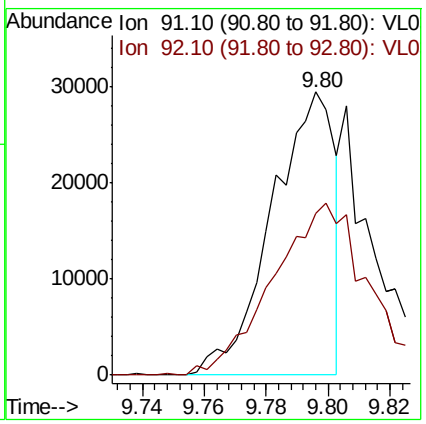


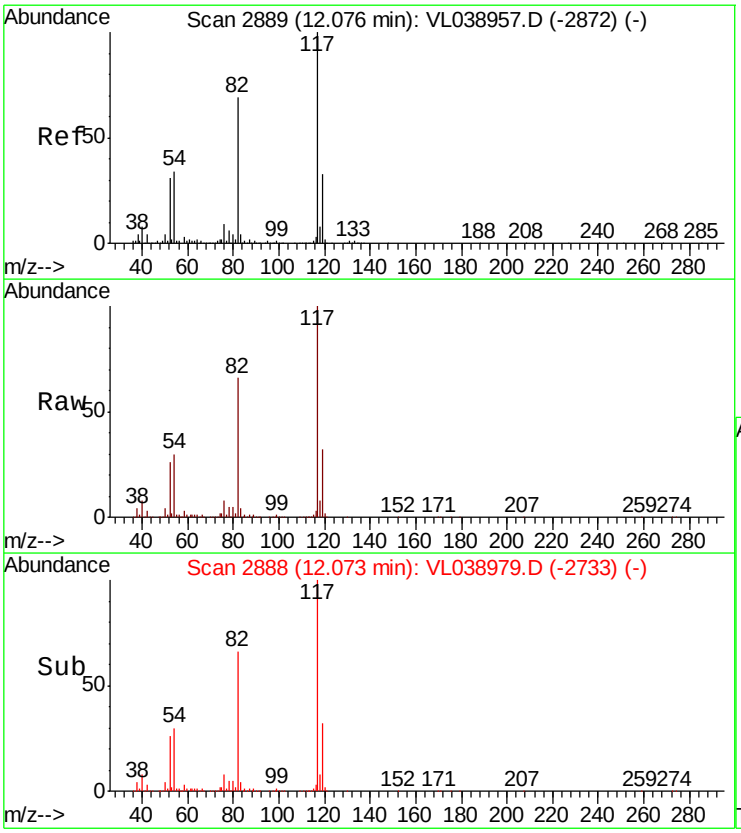
#53
Toluene
Concen: 0.146 ppbv
RT: 9.80
Delta R.T
Lab File:
Acq: 5 May 2022 19:21

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 91 Resp: 41240

Ion	Ratio	Lower	Upper
91	100		
92	97.1	48.2	72.2#

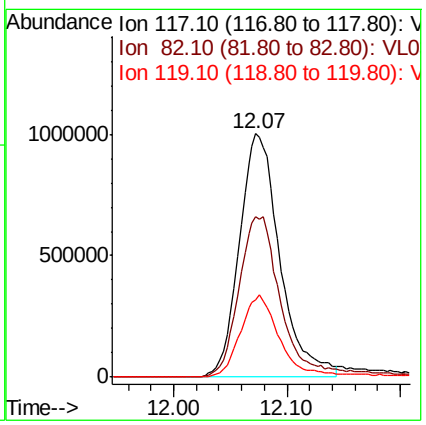


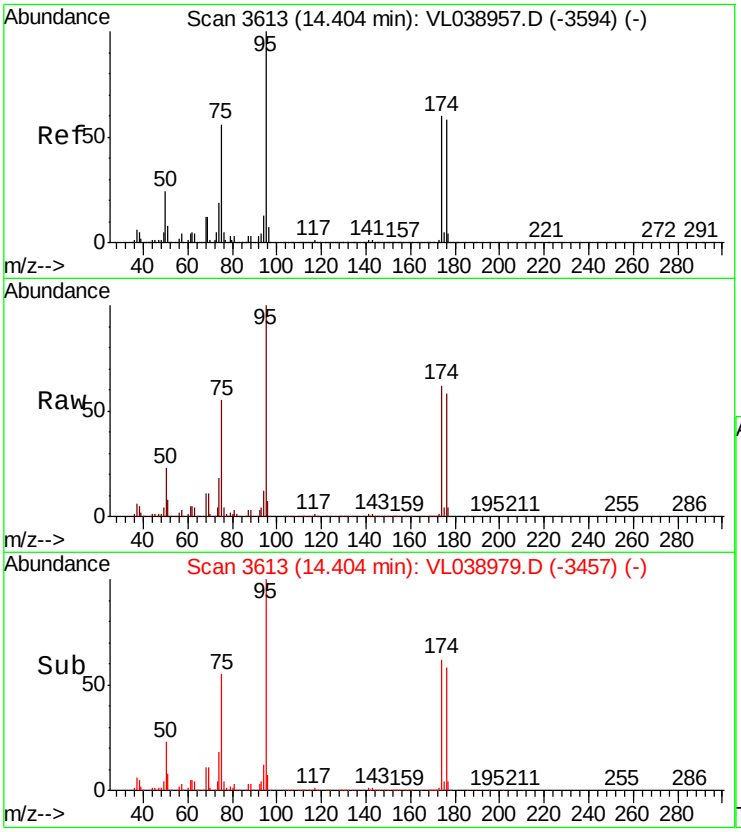


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL038979.D
Acq: 5 May 2022 19:21

Tgt Ion:117 Resp: 2489665

Ion	Ratio	Lower	Upper
117	100		
82	73.0	57.0	85.6
119	34.5	27.2	40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 9.172 ppbv
RT: 14.40
Delta R.T
Lab File:
Acq: 5 May 2022 19:21

Instrument :
MSVOA_L
ClientSampleId :
OA1

Tgt Ion: 95 Resp: 1808502

Ion	Ratio	Lower	Upper
95	100		
174	70.7	50.8	76.2
175	5.0	3.8	5.6